

# Úradný vestník

# L 235

## Európskej únie



Slovenské vydanie

### Právne predpisy

Zväzok 52

5. septembra 2009

Obsah

I Akty prijaté podľa Zmluvy o ES/Zmluvy o Euratome, ktorých uverejnenie je povinné

#### NARIADENIA

- ★ **Nariadenie Komisie (ES) č. 790/2009 z 10. augusta 2009, ktorým sa na účely prispôsobenia technickému a vedeckému pokroku mení a dopĺňa nariadenie Európskeho parlamentu a Rady (ES) č. 1272/2008 o klasifikácii, označovaní a balení látok a zmesí <sup>(1)</sup> .....** 1

<sup>(1)</sup> Text s významom pre EHP

Cena: 62 EUR

# SK

Akty, ktoré sú vytlačené obyčajným písmom, sa týkajú každodennej organizácie poľnohospodárskych záležitostí a sú spravidla platné len obmedzený čas.

Názvy všetkých ostatných aktov sú vytlačené tučným písmom a je pred nimi hviezdička.



## I

(Akty prijaté podľa Zmluvy o ES/Zmluvy o Euratome, ktorých uverejnenie je povinné)

## NARIADENIA

## NARIADENIE KOMISIE (ES) č. 790/2009

z 10. augusta 2009,

ktorým sa na účely prispôsobenia technickému a vedeckému pokroku mení a dopĺňa nariadenie Európskeho parlamentu a Rady (ES) č. 1272/2008 o klasifikácii, označovaní a balení látok a zmesí

(Text s významom pre EHP)

KOMISIA EURÓPSKÝCH SPOLOČENSTIEV,

so zreteľom na Zmluvu o založení Európskeho spoločenstva,

so zreteľom na nariadenie Európskeho parlamentu a Rady (ES) č. 1272/2008 zo 16. decembra 2008 o klasifikácii, označovaní a balení látok a zmesí, o zmene, doplnení a zrušení smerníc 67/548/EHS a 1999/45/ES a o zmene a doplnení nariadenia (ES) č. 1907/2006 <sup>(1)</sup>, a najmä na jeho článok 53,

keďže:

(1) Časť 3 prílohy VI k nariadeniu (ES) č. 1272/2008 obsahuje dva zoznamy harmonizovanej klasifikácie a označovania nebezpečných látok. V tabuľke 3.1 sa uvádza harmonizovaná klasifikácia a označovanie nebezpečných látok na základe kritérií ustanovených v častiach 2 až 5 prílohy I k nariadeniu (ES) č. 1272/2008. V tabuľke 3.2 sa uvádza harmonizovaná klasifikácia a označovanie nebezpečných látok na základe kritérií ustanovených v prílohe VI k smernici Rady 67/548/EHS z 27. júna 1967 o aproximácii zákonov, iných právnych predpisov a správnych opatrení týkajúcich sa klasifikácie, balenia a označovania nebezpečných látok <sup>(2)</sup>. Tieto dva zoznamy je potrebné zmeniť a doplniť, aby zahŕňali aktualizované klasifikácie látok, ktoré už sú predmetom harmonizovanej klasifikácie, ako aj nové harmonizované klasifikácie. Okrem toho je potrebné vypustiť záznamy o niektorých látkach.

(2) Je potrebné zmeniť a doplniť prílohu VI k nariadeniu (ES) č. 1272/2008 s cieľom zohľadniť nedávno prijaté zmeny a doplnenia prílohy I k smernici 67/548/EHS uvedené v smernici Komisie 2008/58/ES z 21. augusta 2008, ktorou sa po tridsiaty raz prispôbuje technickému pokroku smernica Rady 67/548/EHS <sup>(3)</sup>, a v smernici Komisie 2009/2/ES z 15. januára 2009, ktorou sa po tridsiaty prvý raz prispôbuje technickému pokroku smernica Rady 67/548/EHS <sup>(4)</sup>. Tieto opatrenia predstavujú prispôbenie technickému a vedeckému pokroku v zmysle článku 53 nariadenia (ES) č. 1272/2008.

(3) V odôvodnení 53 nariadenia (ES) č. 1272/2008 sa zdôrazňuje, že by sa mala zohľadniť vykonaná práca a skúsenosti získané pri uplatňovaní smernice 67/548/EHS vrátane klasifikácie a označovania špecifických látok uvedených v prílohe I k smernici 67/548/EHS.

(4) Harmonizované klasifikácie uvedené v časti 3 prílohy VI k nariadeniu (ES) č. 1272/2008, zmenenému a doplnenému týmto nariadením, by sa nemali uplatňovať bezodkladne, keďže hospodárske subjekty budú potrebovať určité časové obdobie na to, aby prispôbili označovanie a balenie látok a zmesí novým klasifikáciám. Hospodárske subjekty budú okrem toho potrebovať aj určité časové obdobie na to, aby splnili registračné povinnosti, ktoré vyplývajú z nových harmonizovaných klasifikácií látok klasifikovaných ako karcinogénne, mutagénne alebo poškodzujúce reprodukciu, kategórie 1A a 1B (tabuľka 3.1) a kategórie 1 a 2 (tabuľka 3.2), alebo ako veľmi toxické pre

<sup>(1)</sup> Ú. v. EÚ L 353, 31.12.2008, s. 1.

<sup>(2)</sup> Ú. v. ES 196, 16.8.1967, s. 1.

<sup>(3)</sup> Ú. v. EÚ L 246, 15.9.2008, s. 1.

<sup>(4)</sup> Ú. v. EÚ L 11, 16.1.2009, s. 6.

vodné organizmy, ktoré môžu spôsobiť dlhodobé nepriaznivé účinky vo vodnom prostredí, a to najmä tie registračné povinnosti, ktoré sú ustanovené v článku 23 nariadenia Európskeho parlamentu a Rady (ES) č. 1907/2006 z 18. decembra 2006 o registrácii, hodnotení, autorizácii a obmedzovaní chemických látok (REACH) a o zriadení Európskej chemickej agentúry, o zmene a doplnení smernice 1999/45/ES a o zrušení nariadenia Rady (EHS) č. 793/93 a nariadenia Komisie (ES) č. 1488/94, smernice Rady 76/769/EHS a smerníc Komisie 91/155/EHS, 93/67/EHS, 93/105/ES a 2000/21/ES<sup>(1)</sup>.

- (5) V prípade látok uvedených v tomto nariadení, ktoré sa aktualizujú alebo dopĺňajú do časti 3 prílohy VI k nariadeniu (ES) č. 1272/2008, je takisto vhodné, aby splnenie povinnosti klasifikovať látky v súlade s harmonizovanými klasifikáciami uvedenými v časti 3 prílohy VI k nariadeniu (ES) č. 1272/2008, zmenenému a doplnenému týmto nariadením, pripadlo na dátum stanovený v článku 23 nariadenia (ES) č. 1907/2006, a toto ustanovenie by sa preto malo uplatňovať od 1. decembra 2010.
- (6) Dodávatelia by mali mať možnosť uplatňovať harmonizované klasifikácie ustanovené v časti 3 prílohy VI k nariadeniu (ES) č. 1272/2008, zmenenému a doplnenému týmto nariadením, a zodpovedajúcim spôsobom prispôbovať označovanie a balenie pred 1. decembrom 2010, ako bolo ustanovené v nariadení (ES) č. 1272/2008.
- (7) Uverejnená verzia smernice 2009/2/ES omylom obsahovala záznam č. 607-674-00-0 (branched C10-alkyl benzoates), a preto je vhodné opraviť túto administratívnu chybu a nezahrnúť tento záznam do prílohy VI k nariadeniu (ES) č. 1272/2008.
- (8) Opatrenia ustanovené v tomto nariadení sú v súlade so stanoviskom výboru zriadeného podľa článku 133 nariadenia (ES) č. 1907/2006,

PRIJALA TOTO NARIADENIE:

### Článok 1

Časť 3 prílohy VI k nariadeniu (ES) č. 1272/2008 sa mení a dopĺňa takto:

- 1) Tabuľka 3.1 sa mení a dopĺňa takto:
  - a) záznamy zodpovedajúce záznamom uvedeným v prílohe 1 sa nahrádzajú záznamami uvedenými v prílohe 1;
  - b) záznamy uvedené v prílohe II sa vkladajú v súlade s poradím záznamov uvedených v tabuľke 3.1;
  - c) záznamy uvedené v prílohe III sa z tabuľky 3.1 vypúšťajú;
- 2) Tabuľka 3.2 sa mení a dopĺňa takto:
  - a) záznamy zodpovedajúce záznamom uvedeným v prílohe IV sa nahrádzajú záznamami uvedenými v prílohe IV;
  - b) záznamy uvedené v prílohe V sa vkladajú v súlade s poradím záznamov uvedených v tabuľke 3.2;
  - c) záznamy uvedené v prílohe III sa z tabuľky 3.2 vypúšťajú.

### Článok 2

1. Toto nariadenie nadobúda účinnosť dvadsiatym dňom po jeho uverejnení v *Úradnom vestníku Európskej únie*.
2. Článok 1 sa uplatňuje od 1. decembra 2010.
3. Harmonizované klasifikácie uvedené v časti 3 prílohy VI k nariadeniu (ES) č. 1272/2008, zmenenému a doplnenému týmto nariadením, sa môžu uplatňovať pred 1. decembrom 2010.

Toto nariadenie je záväzné v celom rozsahu a priamo uplatniteľné vo všetkých členských štátoch

V Bruseli 10. augusta 2009.

Za Komisiu  
Stavros DIMAS  
člen Komisie

(1) Ú. v. EÚ L 136, 29.5.2007, s. 3.

## PRÍLOHA I

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia   |  | Označovanie                             |  |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|--|--|---|--|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                                  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 001-002-00-4   | aluminium lithium hydride   | 240-877-9 | 16853-85-3 | Water-react. 1<br>Skin Corr. 1A  | H260<br>H314   | GHS02<br>GHS05<br>Dgr                   | H260<br>H314   |   |  |          |
| 005-006-00-7   | dibutyltin hydrogen borate  | 401-040-5 | 75113-37-0 | Repr. 1B<br>Muta. 2<br>STOT RE 1<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H360FD<br>H341<br>H372**<br>H312<br>H302<br>H318<br>H317<br>H400<br>H410 | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H360FD<br>H341<br>H372<br>H312<br>H302<br>H318<br>H317<br>H410 |   |  |          |
| 006-007-00-5   | salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex | —         | —          | Acute Tox. 2 *<br>Acute Tox. 1<br>Acute Tox. 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H330<br>H310<br>H300<br>H400<br>H410                                     | GHS06<br>GHS09<br>Dgr                   | H330<br>H310<br>H300<br>H410                                   | EUH032                                      |  | A        |
| 006-011-00-7   | carbaryl (ISO);<br>1-naphthyl methylcarbamate   | 200-555-0 | 63-25-2    | Carc. 2<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Aquatic Acute 1   | H351<br>H332<br>H302<br>H400   | GHS08<br>GHS07<br>GHS09<br>Wng          | H351<br>H332<br>H302<br>H400                                   |   | M=100                                    |          |
| 006-015-00-9   | diuron (ISO);<br>3-(3,4-dichlorophenyl)-1,1-dimethylurea  | 206-354-4 | 330-54-1   | Carc. 2<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H351<br>H302<br>H373**<br>H400<br>H410                                   | GHS08<br>GHS07<br>GHS09<br>Wng          | H351<br>H302<br>H373<br>H410                                   |   | M=10                                     |          |
| 006-045-00-2   | methomyl (ISO);<br>1-(methylthio)ethylideneamino<br>N-methylcarbamate   | 240-815-0 | 16752-77-5 | Acute Tox. 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H300<br>H400<br>H410   | GHS06<br>GHS09<br>Dgr                   | H300<br>H410   |   | M=100                                    |          |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.                          | CAS č.                           | Klasifikácia   |  | Označovanie                             |  |   | Špecifické koncentračné limity M-faktory | Poznámky |
|----------------|--|--------------------------------|----------------------------------|--|--|---|--|---|--|----------|
|                |  |                                |                                  | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                                  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                        | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 006-076-00-1   | mancozeb (ISO);<br>manganese ethylenebis(dithiocarbamate) (polymeric) complex with zinc salt                                 | —                              | 8018-01-7                        | Repr. 2<br>Skin Sens. 1<br>Aquatic Acute 1   | H361d***<br>H317<br>H400                                       | GHS08<br>GHS07<br>GHS09<br>Wng          | H361d***<br>H317<br>H400                             |   | M=10                                     |          |
| 006-077-00-7   | maneb (ISO);<br>manganese ethylenebis(dithiocarbamate) (polymeric)   | 235-654-8                      | 12427-38-2                       | Repr. 2<br>Acute Tox. 4 *<br>Eye Irrit. 2<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H361d***<br>H332<br>H319<br>H317<br>H400<br>H410               | GHS08<br>GHS07<br>GHS09<br>Wng          | H361d***<br>H332<br>H319<br>H317<br>H410             |   | M=10                                     |          |
| 006-084-00-5   | carbosulfan (ISO);<br>2,3-dihydro-2,2-dimethyl-7-benzofuryl [(di-butylamino)thio]methylcarbamate                             | 259-565-9                      | 55285-14-8                       | Acute Tox. 2 *<br>Acute Tox. 3 *<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H330<br>H301<br>H317<br>H400<br>H410                           | GHS06<br>GHS09<br>Dgr                   | H330<br>H301<br>H317<br>H410                         |   |  |          |
| 006-087-00-1   | furathiocarb (ISO);<br>2,3-dihydro-2,2-dimethyl-7-benzofuryl<br>2,4-dimethyl-6-oxa-5-oxo-3-thia-2,4-diazadecanoate           | 265-974-3                      | 65907-30-4                       | Acute Tox. 2 *<br>Acute Tox. 3 *<br>STOT RE 2 *<br>Eye Irrit. 2<br>Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H330<br>H301<br>H373**<br>H319<br>H315<br>H317<br>H400<br>H410 | GHS06<br>GHS08<br>GHS09<br>Dgr          | H330<br>H301<br>H373<br>H319<br>H315<br>H317<br>H410 |   | M=100                                    |          |
| 006-088-00-7   | benfuracarb (ISO);<br>ethyl N-[2,3-dihydro-2,2-dimethylbenzofuran-7-yloxycarbonyl(methyl)aminothio]-N-isopropyl- β-alaninate | —                              | 82560-54-1                       | Repr. 2<br>Acute Tox. 3 *<br>Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H361f***<br>H331<br>H302<br>H400<br>H410                       | GHS06<br>GHS08<br>GHS09<br>Dgr          | H361f***<br>H331<br>H302<br>H410                     |   |  |          |
| 007-002-00-0   | nitrogen dioxide; [1]<br>dinitrogen tetraoxide [2]   | 233-272-6 [1]<br>234-126-4 [2] | 10102-44-0 [1]<br>10544-72-6 [2] | Press. Gas<br>Ox. Gas 1<br>Acute Tox. 2 *<br>Skin Corr. 1B   | H270<br>H330<br>H314   | GHS04<br>GHS03<br>GHS06<br>GHS05<br>Dgr | H270<br>H330<br>H314                                 |   | *<br>STOT SE 3;<br>H335:<br>C ≥ 0,5 %    | 5        |
| 007-007-00-8   | ethyl nitrate  | 210-903-3                      | 625-58-1                         | Unst. Expl   | H200   | GHS01<br>Dgr                            | H200   |   |  |          |

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|----------------|---|-----------|------------|---|--------------------------------------|---|--------------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení        | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení        | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 009-001-00-0   | fluorine  | 231-954-8 | 7782-41-4  | Press. Gas<br>Ox. Gas 1<br>Acute Tox. 2 *<br>Skin Corr. 1A                            | H270<br>H330<br>H314                 | GHS04<br>GHS03<br>GHS06<br>GHS05<br>Dgr | H270<br>H330<br>H314                 |   |  |          |
| 013-002-00-1   | aluminium powder (stabilised)   | 231-072-3 | 7429-90-5  | Water-react. 2<br>Flam. Sol. 1  | H261<br>H228                         | GHS02<br>Dgr                            | H261<br>H228                         |   |  | T        |
| 015-003-00-2   | calcium phosphide;<br>tricalcium diphosphide  | 215-142-0 | 1305-99-3  | Water-react. 1<br>Acute Tox. 2 *<br>Aquatic Acute 1                                   | H260<br>H300<br>H400                 | GHS02<br>GHS06<br>GHS09<br>Dgr          | H260<br>H300<br>H400                 | EUH029                                      | M=100                                    |          |
| 015-004-00-8   | aluminium phosphide   | 244-088-0 | 20859-73-8 | Water-react. 1<br>Acute Tox. 2 *<br>Aquatic Acute 1                                   | H260<br>H300<br>H400                 | GHS02<br>GHS06<br>GHS09<br>Dgr          | H260<br>H300<br>H400                 | EUH029<br>EUH032                            | M=100                                    |          |
| 015-005-00-3   | magnesium phosphide;<br>trimagnesium diphosphide  | 235-023-7 | 12057-74-8 | Water-react. 1<br>Acute Tox. 2 *<br>Aquatic Acute 1                                   | H260<br>H300<br>H400                 | GHS02<br>GHS06<br>GHS09<br>Dgr          | H260<br>H300<br>H400                 | EUH029                                      | M=100                                    |          |
| 015-006-00-9   | trizinc diphosphide;<br>zinc phosphide  | 215-244-5 | 1314-84-7  | Water-react. 1<br>Acute Tox. 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1              | H260<br>H300<br>H400<br>H410         | GHS02<br>GHS06<br>GHS09<br>Dgr          | H260<br>H300<br>H410                 | EUH029<br>EUH032                            | M=100                                    | T        |
| 015-019-00-X   | dichlorvos (ISO);<br>2,2-dichlorovinyl dimethyl phosphate   | 200-547-7 | 62-73-7    | Acute Tox. 2 *<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>Skin Sens. 1<br>Aquatic Acute 1 | H330<br>H311<br>H301<br>H317<br>H400 | GHS06<br>GHS09<br>Dgr                   | H330<br>H311<br>H301<br>H317<br>H400 |   | M=1000                                   |          |
| 015-041-00-X   | malathion (ISO);<br>1,2-bis(ethoxycarbonyl)ethyl O,O-dimethyl phosphorodithioate;<br>[containing ≤ 0,03 % isomalathion] | 204-497-7 | 121-75-5   | Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                | H302<br>H317<br>H400<br>H410         | GHS07<br>GHS09<br>Wng                   | H302<br>H317<br>H410                 |   | M=1000                                   |          |

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|----------------|---|-----------|------------|--|--|------------------------------------|--|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                          | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení                  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 015-048-00-8   | fenthion (ISO);<br>O,O-dimethyl-O-(4-methylthion- <i>m</i> -tolyl) phosphorothioate   | 200-231-9 | 55-38-9    | Muta. 2<br>Acute Tox. 3 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT RE 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H341<br>H331<br>H312<br>H302<br>H372**<br>H400<br>H410 | GHS06<br>GHS08<br>GHS09<br>Dgr     | H341<br>H331<br>H312<br>H302<br>H372**<br>H410 |   | M=100                                    |          |
| 015-056-00-1   | azinphos-ethyl (ISO);<br>O,O-diethyl 4-oxobenzotriazin-3-ylmethyl phosphorodithioate  | 220-147-6 | 2642-71-9  | Acute Tox. 2 *<br>Acute Tox. 3 *<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H300<br>H311<br>H400<br>H410                           | GHS06<br>GHS09<br>Dgr              | H300<br>H311<br>H410                           |   | M=100                                    |          |
| 015-067-00-1   | phosalone (ISO);<br>S-(6-chloro-2-oxobenzoxazolin-3-ylmethyl) O,O-diethyl phosphorodithioate  | 218-996-2 | 2310-17-0  | Acute Tox. 3 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1         | H301<br>H332<br>H312<br>H317<br>H400<br>H410           | GHS06<br>GHS09<br>Dgr              | H301<br>H332<br>H312<br>H317<br>H410           |   | M=1000                                   |          |
| 015-100-00-X   | phoxim (ISO);<br>$\alpha$ -(diethoxyphosphinothioylimino) phenylacetone nitrile   | 238-887-3 | 14816-18-3 | Repr. 2<br>Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                                  | H361f***<br>H302<br>H317<br>H400<br>H410               | GHS08<br>GHS07<br>GHS09<br>Wng     | H361f***<br>H302<br>H317<br>H410               |   | M=1000                                   |          |
| 015-102-00-0   | tris(2-chloroethyl)phosphate  | 204-118-5 | 115-96-8   | Carc. 2<br>Repr. 1B<br>Acute Tox. 4 *<br>Aquatic Chronic 2   | H351<br>H360F***<br>H302<br>H411                       | GHS08<br>GHS07<br>GHS09<br>Dgr     | H351<br>H360F***<br>H302<br>H411               |   |  |          |
| 015-114-00-6   | chlormephos (ISO);<br>S-chloromethyl O,O-diethyl phosphorodithioate   | 246-538-1 | 24934-91-6 | Acute Tox. 1<br>Acute Tox. 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H317<br>H400<br>H410                                   | GHS06<br>GHS09<br>Dgr              | H317<br>H410                                   |   | M=10                                     |          |
| 015-115-00-1   | chlorthiophos (ISO);<br>[isomeric reaction mass in which O-2,5-dichlorophenyl-4-methylthiophenyl O,O-diethyl phosphorothioate predominates] | 244-663-6 | 21923-23-9 | Acute Tox. 2 *<br>Acute Tox. 3 *<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H310<br>H300<br>H400<br>H410                           | GHS06<br>GHS09<br>Dgr              | H310<br>H300<br>H410                           |   | M=1000                                   |          |



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|----------------|---|-----------|------------|--|--|------------------------------------|--|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení            | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení            | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 015-140-00-8   | triazophos (ISO);<br>O,O-diethyl-O-1-phenyl-1H-1,2,4-triazol-3-yl phosphorothioate                              | 245-986-5 | 24017-47-8 | Acute Tox. 3 *<br>Acute Tox. 3 *<br>Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H331<br>H301<br>H312<br>H400<br>H410     | GHS06<br>GHS09<br>Dgr              | H331<br>H301<br>H312<br>H410             |   | M=100                                    |          |
| 015-155-00-X   | glufosinate ammonium (ISO);<br>ammonium 2-amino-4-(hydroxymethylphosphinyl)butyrate                             | 278-636-5 | 77182-82-2 | Repr. 1B<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT RE 2 *              | H360Fd<br>H332<br>H312<br>H302<br>H373** | GHS08<br>GHS07<br>Dgr              | H360Fd<br>H332<br>H312<br>H302<br>H373** |   |  |          |
| 016-009-00-8   | disodium sulfide;<br>sodium sulfide   | 215-211-5 | 1313-82-2  | Acute Tox. 3 *<br>Acute Tox. 4 *<br>Skin Corr. 1B<br>Aquatic Acute 1                       | H311<br>H302<br>H314<br>H400             | GHS06<br>GHS05<br>GHS09<br>Dgr     | H311<br>H302<br>H314<br>H400             |   |  |          |
| 016-084-00-7   | prosulfuron (ISO);<br>1-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)-3-[2-(3,3,3-trifluoropropyl)phenylsulfonyl]urea | —         | 94125-34-5 | Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1                                     | H302<br>H400<br>H410                     | GHS07<br>GHS09<br>Wng              | H302<br>H410                             |   | M=100                                    |          |
| 017-001-00-7   | chlorine  | 231-959-5 | 7782-50-5  | Acute Tox. 3 *<br>Eye Irrit. 2<br>STOT SE 3<br>Skin Irrit. 2<br>Aquatic Acute 1            | H331<br>H319<br>H335<br>H315<br>H400     | GHS06<br>GHS09<br>Dgr              | H331<br>H319<br>H335<br>H315<br>H400     |   | M=100                                    |          |
| 017-009-00-0   | ammonium perchlorate  | 232-235-1 | 7790-98-9  | Expl. 1.1<br>Ox. Sol. 1  | H201<br>H271                             | GHS01<br>Dgr                       | H201<br>H271                             |   |  | T        |

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|----------------|---|-----------|------------|---|-------------------------------|--|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie                                       | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov               | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 017-012-00-7   | calcium hypochlorite                        | 231-908-7 | 7778-54-3  | Ox. Sol. 2<br>Acute Tox. 4 *<br>Skin Corr. 1B<br>Aquatic Acute 1              | H272<br>H302<br>H314<br>H400  | GHS03<br>GHS05<br>GHS07<br>GHS09<br>Dgr          | H272<br>H302<br>H314<br>H400  | EUH031                                      | Skin Corr. 1B;<br>H314: C ≥ 5 %<br>Skin Irrit. 2; H;<br>315:<br>1 % ≤ C < 5 %<br>Eye Dam. 1;<br>H318: 3 % ≤<br>C < 5 %<br>Eye Irrit. 2;<br>H319: 0,5 % ≤<br>C < 3 %<br>STOT SE 3;<br>H335: C ≥ 3 %<br>M=10 | T        |
| 017-026-00-3   | chlorine dioxide                            | 233-162-8 | 10049-04-4 | Press. Gas<br>Ox. Gas 1<br>Acute Tox. 2 *<br>Skin Corr. 1B<br>Aquatic Acute 1 | H270<br>H330<br>H314<br>H400  | GHS04<br>GHS03<br>GHS06<br>GHS05<br>GHS09<br>Dgr | H270<br>H330<br>H314<br>H400  | EUH006                                      | M=10   | 5        |
| 017-026-01-0   | chlorine dioxide ... %                      | 233-162-8 | 10049-04-4 | Acute Tox. 3 *<br>Skin Corr. 1B<br>Aquatic Acute 1                            | H301<br>H314<br>H400          | GHS06<br>GHS05<br>GHS09<br>Dgr                   | H301<br>H314<br>H400          |   | Skin Corr. 1B;<br>H314: C ≥ 5 %<br>Skin Irrit. 2;<br>H315: 1 % ≤<br>C < 5 %<br>Eye Dam. 1;<br>H318: 3 % ≤<br>C < 5 %<br>Eye Irrit. 2;<br>H319: 0,3 % ≤<br>C < 3 %<br>STOT SE 3;<br>H335: C ≥ 3 %<br>M=10   | B        |

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|----------------|---|-----------|------------|---|--|--|--|---|---|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov               | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |   |          |
| 024-004-00-7   | sodium dichromate                           | 234-190-3 | 10588-01-9 | Ox. Sol. 2<br>Carc. 1B<br>Muta. 1B<br>Repr. 1B<br>Acute Tox. 2 *<br>Acute Tox. 3 *<br>Acute Tox. 4 *<br>STOT RE 1<br>Skin Corr. 1B<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H272<br>H350<br>H340<br>H360FD<br>H330<br>H301<br>H312<br>H372**<br>H314<br>H334<br>H317<br>H400<br>H410 | GHS03<br>GHS06<br>GHS05<br>GHS08<br>GHS09<br>Dgr | H272<br>H350<br>H340<br>H360FD<br>H330<br>H301<br>H312<br>H372**<br>H314<br>H334<br>H317<br>H410 |   | Resp. Sens. 1;<br>H334: C ≥ 0,2 %<br>Skin Sens. 1;<br>H317:<br>C ≥ 0,2 %<br>STOT SE 3;<br>H335: C ≥ 5 % |          |
| 027-002-00-4   | cobalt oxide                                | 215-154-6 | 1307-96-6  | Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H302<br>H317<br>H400<br>H410   | GHS07<br>GHS09<br>Wng                            | H302<br>H317<br>H410   |   | M=10  |          |
| 027-003-00-X   | cobalt sulfide                              | 215-273-3 | 1317-42-6  | Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H317<br>H400<br>H410   | GHS07<br>GHS09<br>Wng                            | H317<br>H410   |   | M=10  |          |
| 027-004-00-5   | cobalt dichloride                           | 231-589-4 | 7646-79-9  | Carc. 1B<br>Muta. 2<br>Repr. 1B<br>Acute Tox. 4 *<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H350i<br>H341<br>H360F***<br>H302<br>H334<br>H317<br>H400<br>H410  | GHS08<br>GHS07<br>GHS09<br>Dgr                   | H350i<br>H341<br>H360F***<br>H302<br>H334<br>H317<br>H410  |   | Carc. 1B;<br>H350i:<br>C ≥ 0,01 %<br>M=10   | 1        |
| 027-005-00-0   | cobalt sulfate                              | 233-334-2 | 10124-43-3 | Carc. 1B<br>Muta. 2<br>Repr. 1B<br>Acute Tox. 4 *<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H350i<br>H341<br>H360F***<br>H302<br>H334<br>H317<br>H400<br>H410  | GHS08<br>GHS07<br>GHS09<br>Dgr                   | H350i<br>H341<br>H360F***<br>H302<br>H334<br>H317<br>H410  |   | Carc. 1B;<br>H350i:<br>C ≥ 0,01 %<br>M=10   | 1        |

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|----------------|---|---|---|--|---|------------------------------------|---|---|--|----------|
|                |   |   |   | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                   | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení           | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 028-002-00-7   | nickel  | 231-111-4                               | 7440-02-0   | Carc. 2<br>STOT RE 1<br>Skin Sens. 1   | H351<br>H372**<br>H317                          | GHS08<br>GHS07<br>Dgr              | H351<br>H372**<br>H317                  |   |  | S<br>7   |
| 028-003-00-2   | nickel monoxide; [1]<br>nickel oxide; [2]<br>bunsenite [3]          | 215-215-7 [1]<br>234-323-5 [2]<br>- [3] | 1313-99-1 [1]<br>11099-02-8 [2]<br>34492-97-2 [3] | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Chronic 4                               | H350i<br>H372**<br>H317<br>H413                 | GHS08<br>GHS07<br>Dgr              | H350i<br>H372**<br>H317<br>H413         |   |  |          |
| 028-004-00-8   | nickel dioxide  | 234-823-3                               | 12035-36-8  | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Chronic 4                               | H350i<br>H372**<br>H317<br>H413                 | GHS08<br>GHS07<br>Dgr              | H350i<br>H372**<br>H317<br>H413         |   |  |          |
| 028-005-00-3   | dinickel trioxide   | 215-217-8                               | 1314-06-3   | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Chronic 4                               | H350i<br>H372**<br>H317<br>H413                 | GHS08<br>GHS07<br>Dgr              | H350i<br>H372**<br>H317<br>H413         |   |  |          |
| 028-006-00-9   | nickel (II) sulfide; [1]<br>nickel sulfide; [2]<br>millerite [3]    | 240-841-2 [1]<br>234-349-7 [2]<br>- [3] | 16812-54-7 [1]<br>11113-75-0 [2]<br>1314-04-1 [3] | Carc. 1A<br>Muta. 2<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H341<br>H372**<br>H317<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H341<br>H372**<br>H317<br>H410 |   |  |          |
| 028-007-00-4   | trinickel disulfide;<br>nickel subsulfide; [1]<br>heazlewoodite [2] | 234-829-6 [1]<br>- [2]                  | 12035-72-2 [1]<br>12035-71-1 [2]                  | Carc. 1A<br>Muta. 2<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H341<br>H372**<br>H317<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H341<br>H372**<br>H317<br>H410 |   |  |          |

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|----------------|---|--|---|--|---|------------------------------------|---|---|--|----------|
|                |   |  |   | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení   | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení   | Doplňujúci(e) kód(y) výstražných upozornení   |  |          |
| 028-008-00-X   | nickel dihydroxide; [1]<br>nickel hydroxide [2]   | 235-008-5 [1]<br>234-348-1 [2]                                   | 12054-48-7 [1]<br>11113-74-9 [2]                                    | Carc. 1A<br>Repr. 1B<br>Muta. 2<br>STOT RE 1<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Skin Irrit. 2<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H360D***<br>H341<br>H372**<br>H332<br>H302<br>H315<br>H334<br>H317<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H360D***<br>H341<br>H372**<br>H332<br>H302<br>H315<br>H334<br>H317<br>H410 |   |  |          |
| 028-009-00-5   | nickel sulfate  | 232-104-9  | 7786-81-4   | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Skin Irrit. 2<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H341<br>H360D***<br>H372**<br>H332<br>H302<br>H315<br>H334<br>H317<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H341<br>H360D***<br>H372**<br>H332<br>H302<br>H315<br>H334<br>H317<br>H410 | STOT RE 1;<br>H373: C ≥ 1 %<br>STOT RE 2;<br>H373: 0,1 % ≤ C < 1 %<br>Skin Irrit. 2;<br>H315: C ≥ 20 %<br>Skin Sens. 1;<br>H317:<br>C ≥ 0,01 %<br>M=1 |  |          |
| 028-010-00-0   | nickel carbonate;<br>basic nickel carbonate;<br>carbonic acid, nickel (2+) salt; [1]<br>carbonic acid, nickel salt; [2]<br>[μ-[carbonato(2-)-O:O']] dihydroxy trinickel; [3]<br>[carbonato(2-)] tetrahydroxytrinickel [4] | 222-068-2 [1]<br>240-408-8 [2]<br>265-748-4 [3]<br>235-715-9 [4] | 3333-67-3 [1]<br>16337-84-1 [2]<br>65405-96-1 [3]<br>12607-70-4 [4] | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Skin Irrit. 2<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H341<br>H360D***<br>H372**<br>H332<br>H302<br>H315<br>H334<br>H317<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H341<br>H360D***<br>H372**<br>H332<br>H302<br>H315<br>H334<br>H317<br>H410 |   |  |          |

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|----------------|--|-----------|-------------|--|--|------------------------------------|--------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení          | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 029-013-00-X   | trisodium(2-(α-(3-(4-chloro-6-(2-(2-(vinylsulfonyl)ethoxy)ethylamino)-1,3,5-triazin-2-ylamino)-2-oxido-5-sulfonatophenylazo)benzylidenehydrazino)-4-sulfonatobenzoato)copper(II) | 407-580-8 | 130201-51-3 | Eye Dam. 1   | H318                                   | GHS05<br>Dgr                       | H318                           |   |  |          |
| 033-005-00-1   | arsenic acid and its salts with the exception of those specified elsewhere in this Annex   | —         | —           | Carc. 1A<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>Aquatic Acute 1<br>Aquatic Chronic 1       | H350<br>H331<br>H301<br>H400<br>H410   | GHS06<br>GHS08<br>GHS09<br>Dgr     | H350<br>H331<br>H301<br>H410   |   |  | A        |
| 034-002-00-8   | selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex  | —         | —           | Acute Tox. 3 *<br>Acute Tox. 3 *<br>STOT RE 2<br>Aquatic Acute 1<br>Aquatic Chronic 1      | H331<br>H301<br>H373**<br>H400<br>H410 | GHS06<br>GHS08<br>GHS09<br>Dgr     | H331<br>H301<br>H373**<br>H410 |   |  | A        |
| 042-001-00-9   | molybdenum trioxide  | 215-204-7 | 1313-27-5   | Carc. 2<br>Eye Irrit. 2<br>STOT SE 3   | H351<br>H319<br>H335                   | GHS08<br>GHS07<br>Wng              | H351<br>H319<br>H335           |   |  |          |
| 042-002-00-4   | tetrakis(dimethylditetradecylammonium) hexa-μ-oxotetra-μ3-oxodi-μ5-oxotetradecaooctamolybdate(4-)  | 404-760-8 | 117342-25-3 | Acute Tox. 3 *<br>Eye Dam. 1   | H331<br>H318                           | GHS06<br>GHS05<br>Dgr              | H331<br>H318                   |   |  |          |
| 047-001-00-2   | silver nitrate   | 231-853-9 | 7761-88-8   | Ox. Sol. 2<br>Skin Corr. 1B<br>Aquatic Acute 1<br>Aquatic Chronic 1                        | H272<br>H314<br>H400<br>H410           | GHS03<br>GHS05<br>GHS09<br>Dgr     | H272<br>H314<br>H410           |   |  |          |
| 050-002-00-0   | cyhexatin (ISO); hydroxytricyclohexylstannane; tri(cyclohexyl)tin hydroxide  | 236-049-1 | 13121-70-5  | Acute Tox. 4 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H332<br>H312<br>H302<br>H400<br>H410   | GHS07<br>GHS09<br>Wng              | H332<br>H312<br>H302<br>H410   |   | M=1000                                   |          |

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|----------------|--|-----------|----------|---|--|---|--|---|--|----------|
|                |  |           |          | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 050-003-00-6   | fentin acetate (ISO); triphenyltin acetate   | 212-984-0 | 900-95-8 | Carc. 2<br>Repr. 2<br>Acute Tox. 2 *<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>STOT RE 1<br>STOT SE 3<br>Skin Irrit. 2<br>Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H351<br>H361d***<br>H330<br>H311<br>H301<br>H372**<br>H335<br>H315<br>H318<br>H400<br>H410 | GHS06<br>GHS05<br>GHS08<br>GHS09<br>Dgr | H351<br>H361d***<br>H330<br>H311<br>H301<br>H372**<br>H335<br>H315<br>H318<br>H410 |   | M=10   |          |
| 050-004-00-1   | fentin hydroxide (ISO); triphenyltin hydroxide                                       | 200-990-6 | 76-87-9  | Carc. 2<br>Repr. 2<br>Acute Tox. 2 *<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>STOT RE 1<br>STOT SE 3<br>Skin Irrit. 2<br>Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H351<br>H361d***<br>H330<br>H311<br>H301<br>H372**<br>H335<br>H315<br>H318<br>H400<br>H410 | GHS06<br>GHS05<br>GHS08<br>GHS09<br>Dgr | H351<br>H361d***<br>H330<br>H311<br>H301<br>H372**<br>H335<br>H315<br>H318<br>H410 |   | M=10   |          |
| 050-008-00-3   | tributyltin compounds, with the exception of those specified elsewhere in this Annex | —         | —        | Acute Tox. 3 *<br>Acute Tox. 4 *<br>STOT RE 1<br>Eye Irrit. 2<br>Skin Irrit. 2<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H301<br>H312<br>H372**<br>H319<br>H315<br>H400<br>H410                                     | GHS06<br>GHS08<br>GHS09<br>Dgr          | H301<br>H312<br>H372**<br>H319<br>H315<br>H410                                     |   | *<br>STOT RE 1;<br>H372: C ≥ 1 %<br>STOT RE 2;<br>H373: 0,25 %<br>≤ C < 1 %<br>Skin Irrit. 2;<br>C ≥ 1 %<br>Eye Irrit. 2;<br>C ≥ 1 %<br>M=10 | A<br>1   |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia   |  | Označovanie                             |  |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|--|--|---|--|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                              | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                      | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 050-011-00-X   | triphenyltin compounds, with the exception of those specified elsewhere in this Annex | —         | —          | Acute Tox. 3 *<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>Aquatic Acute 1<br>Aquatic Chronic 1                           | H331<br>H311<br>H301<br>H400<br>H410                       | GHS06<br>GHS09<br>Dgr                   | H331<br>H311<br>H301<br>H410                       |   | *<br>M=100                               | A<br>1   |
| 050-018-00-8   | tin(II) methanesulphonate   | 401-640-7 | 53408-94-9 | Skin Corr. 1B<br>Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Chronic 2   | H314<br>H302<br>H317<br>H411                               | GHS05<br>GHS07<br>GHS09<br>Dgr          | H314<br>H302<br>H317<br>H411                       |   |  |          |
| 053-003-00-4   | iodoxybenzene   | —         | 696-33-3   | Expl. ****   | ****   | ****                                    | ****   |   |  |          |
| 053-004-00-X   | calcium iodoxybenzoate  | —         | —          | Expl. ****   | ****   | ****                                    | ****   |   |  | C        |
| 080-001-00-0   | mercury   | 231-106-7 | 7439-97-6  | Repr. 1B<br>Acute Tox. 2 *<br>STOT RE 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                                      | H360D***<br>H330<br>H372**<br>H400<br>H410                 | GHS06<br>GHS08<br>GHS09<br>Dgr          | H360D***<br>H330<br>H372**<br>H410                 |   |  |          |
| 080-006-00-8   | dimercury dicyanide oxide;<br>mercuric oxycyanide                                     | 215-629-8 | 1335-31-5  | Expl. 1.1<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>STOT RE 2<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H201<br>H331<br>H311<br>H301<br>H373**<br>H400<br>H410     | GHS01<br>GHS06<br>GHS08<br>GHS09<br>Dgr | H201<br>H331<br>H311<br>H301<br>H373**<br>H410     |   |  |          |
| 080-010-00-X   | mercury dichloride;<br>mercuric chloride  | 231-299-8 | 7487-94-7  | Muta. 2<br>Repr. 2<br>Acute Tox. 2 *<br>STOT RE 1<br>Skin Corr. 1B<br>Aquatic Acute 1<br>Aquatic Chronic 1           | H341<br>H361f***<br>H300<br>H372**<br>H314<br>H400<br>H410 | GHS06<br>GHS05<br>GHS08<br>GHS09<br>Dgr | H341<br>H361f***<br>H300<br>H372**<br>H314<br>H410 |   |  |          |
| 082-004-00-2   | lead chromate   | 231-846-0 | 7758-97-6  | Carc. 1B<br>Repr. 1A<br>STOT RE 2<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H350<br>H360Df<br>H373**<br>H400<br>H410                   | GHS08<br>GHS09<br>Dgr                   | H350<br>H360Df<br>H373**<br>H410                   |   |  | 1        |



| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.   | CAS č.  | Klasifikácia  |  | Označovanie                             |                                      |   | Špecifické koncentračné limity M-faktory | Poznámky |
|----------------|---|---|---|---|--|---|--------------------------------------|---|--|----------|
|                |   |   |   | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení        | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 082-009-00-X   | lead sulfochromate yellow;<br>C.I. Pigment Yellow 34;<br>[This substance is identified in the Colour Index by Colour Index Constitution Number, C.I. 77603.]  | 215-693-7   | 1344-37-2   | Carc. 1B<br>Repr. 1A<br>STOT RE 2<br>Aquatic Acute 1<br>Aquatic Chronic 1                         | H350<br>H360Df<br>H373**<br>H400<br>H410     | GHS08<br>GHS09<br>Dgr                   | H350<br>H360Df<br>H373**<br>H410     |   |  | 1        |
| 082-010-00-5   | lead chromate molybdate sulfate red;<br>C.I. Pigment Red 104;<br>[This substance is identified in the Colour Index by Colour Index Constitution Number, C.I. 77605.]  | 235-759-9   | 12656-85-8  | Carc. 1B<br>Repr. 1A<br>STOT RE 2<br>Aquatic Acute 1<br>Aquatic Chronic 1                         | H350<br>H360Df<br>H373**<br>H400<br>H410     | GHS08<br>GHS09<br>Dgr                   | H350<br>H360Df<br>H373**<br>H410     |   |  | 1        |
| 092-002-00-3   | uranium compounds with the exception of those specified elsewhere in this Annex   | —   | —   | Acute Tox. 2 *<br>Acute Tox. 2 *<br>STOT RE 2<br>Aquatic Chronic 2                                | H330<br>H300<br>H373**<br>H411               | GHS06<br>GHS08<br>GHS09<br>Dgr          | H330<br>H300<br>H373**<br>H411       |   |  | A        |
| 601-007-00-7   | hexane (containing < 5 % n-hexane (203-777-6));<br>2-methylpentane; [1]<br>3-methylpentane; [2]<br>2,2-dimethylbutane; [3]<br>2,3-dimethylbutane [4]  | 203-523-4 [1]<br>202-481-4 [2]<br>200-906-8 [3]<br>201-193-6 [4]  | 107-83-5 [1]<br>96-14-0 [2]<br>75-83-2 [3]<br>79-29-8 [4]   | Flam. Liq. 2<br>Asp. Tox. 1<br>Skin Irrit. 2<br>STOT SE 3<br>Aquatic Chronic 2                    | H225<br>H304<br>H315<br>H336<br>H411         | GHS02<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H225<br>H304<br>H315<br>H336<br>H411 |   |  | C        |
| 601-008-00-2   | heptane;<br>n-heptane; [1]<br>2,4-dimethylpentane; [2]<br>2,2,3-trimethylbutane; [3]<br>3,3-dimethylpentane; [4]<br>2,3-dimethylpentane; [5]<br>3-methylhexane; [6]<br>2,2-dimethylpentane; [7]<br>2-methylhexane; [8]<br>3-ethylpentane; [9]<br>isoheptane; [10] | 205-563-8 [1]<br>203-548-0 [2]<br>207-346-3 [3]<br>209-230-8 [4]<br>209-280-0 [5]<br>209-643-3 [6]<br>209-680-5 [7]<br>209-730-6 [8]<br>210-529-0 [9]<br>250-610-8 [10] | 142-82-5 [1]<br>108-08-7 [2]<br>464-06-2 [3]<br>562-49-2 [4]<br>565-59-3 [5]<br>589-34-4 [6]<br>590-35-2 [7]<br>591-76-4 [8]<br>617-78-7 [9]<br>31394-54-4 [10] | Flam. Liq. 2<br>Asp. Tox. 1<br>Skin Irrit. 2<br>STOT SE 3<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H225<br>H304<br>H315<br>H336<br>H400<br>H410 | GHS02<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H225<br>H304<br>H315<br>H336<br>H410 |   |  | C        |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.   | CAS č.  | Klasifikácia  |  | Označovanie                             |                                      |   | Špecifické koncentračné limity M-faktory  | Poznámky |
|----------------|--|---|---|---|--|---|--------------------------------------|---|---|----------|
|                |  |   |   | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení        | Doplňujúci(e) kód(y) výstražných upozornení |   |          |
| 601-009-00-8   | octane;<br>n-octane; [1]<br>2,2,4-trimethylpentane; [2]<br>2,3,3-trimethylpentane; [3]<br>3,3-dimethylhexane; [4]<br>2,2,3-trimethylpentane; [5]<br>2,3,4-trimethylpentane; [6]<br>3,4-dimethylhexane; [7]<br>2,3-dimethylhexane; [8]<br>2,4-dimethylhexane; [9]<br>4-methylheptane; [10]<br>3-methylheptane; [11]<br>2,2-dimethylhexane; [12]<br>2,5-dimethylhexane; [13]<br>2-methylheptane; [14]<br>2,2,3,3-tetramethylbutane; [15]<br>3-ethyl-2-methylpentane; [16]<br>3-ethylhexane; [17]<br>3-ethyl-3-methylpentane; [18]<br>isooctane; [19] | 203-892-1 [1]<br>208-759-1 [2]<br>209-207-2 [3]<br>209-243-9 [4]<br>209-266-4 [5]<br>209-292-6 [6]<br>209-504-7 [7]<br>209-547-1 [8]<br>209-649-6 [9]<br>209-650-1 [10]<br>209-660-6 [11]<br>209-689-4 [12]<br>209-745-8 [13]<br>209-747-9 [14]<br>209-855-6 [15]<br>210-187-2 [16]<br>210-621-0 [17]<br>213-923-0 [18]<br>247-861-0 [19] | 111-65-9 [1]<br>540-84-1 [2]<br>560-21-4 [3]<br>563-16-6 [4]<br>564-02-3 [5]<br>565-75-3 [6]<br>583-48-2 [7]<br>584-94-1 [8]<br>589-43-5 [9]<br>589-53-7 [10]<br>589-81-1 [11]<br>590-73-8 [12]<br>592-13-2 [13]<br>592-27-8 [14]<br>594-82-1 [15]<br>609-26-7 [16]<br>619-99-8 [17]<br>1067-08-9 [18]<br>26635-64-3 [19] | Flam. Liq. 2<br>Asp. Tox. 1<br>Skin Irrit. 2<br>STOT SE 3<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H225<br>H304<br>H315<br>H336<br>H400<br>H410 | GHS02<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H225<br>H304<br>H315<br>H336<br>H410 |   |   | C        |
| 601-033-00-9   | benz[a]anthracene  | 200-280-6   | 56-55-3   | Carc. 1B<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H350<br>H400<br>H410                         | GHS08<br>GHS09<br>Dgr                   | H350<br>H410                         |   | M=100                                     |          |
| 601-041-00-2   | dibenz[a,h]anthracene  | 200-181-8   | 53-70-3   | Carc. 1B<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H350<br>H400<br>H410                         | GHS08<br>GHS09<br>Dgr                   | H350<br>H410                         |   | Carc. 1B;<br>H350:<br>C ≥ 0,01 %<br>M=100 |          |

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|----------------|--|--------------------------------|--------------------------------|---|--|---|--|---|--|----------|
|                |  |                                |                                | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 601-065-00-3   | reaction mass of: (1'α,3'α,6'α)-2,2,3',7',7'-pentamethylspiro(1,3-dioxane-5,2'-norcarane);<br>(1'α,3'β,6'α)-2,2,3',7',7'-pentamethylspiro(1,3-dioxane-5,2'-norcarane)          | 416-930-9                      | —                              | Skin Irrit. 2<br>Aquatic Chronic 2  | H315<br>H411   | GHS07<br>GHS09<br>Wng                   | H315<br>H411   |   |  |          |
| 602-007-00-X   | bromoform;<br>tribromomethane  | 200-854-6                      | 75-25-2                        | Acute Tox. 3 *<br>Acute Tox. 4 *<br>Eye Irrit. 2<br>Skin Irrit. 2<br>Aquatic Chronic 2  | H331<br>H302<br>H319<br>H315<br>H411   | GHS06<br>GHS09<br>Dgr                   | H331<br>H302<br>H319<br>H315<br>H411   |   |  |          |
| 602-030-00-5   | 1,3-dichloropropene; [1]<br>(Z)-1,3-dichloropropene [2]  | 208-826-5 [1]<br>233-195-8 [2] | 542-75-6 [1]<br>10061-01-5 [2] | Flam. Liq. 3<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>Acute Tox. 4 *<br>Asp. Tox. 1<br>Eye Irrit. 2<br>STOT SE 3<br>Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H226<br>H311<br>H301<br>H332<br>H304<br>H319<br>H335<br>H315<br>H317<br>H400<br>H410 | GHS02<br>GHS06<br>GHS08<br>GHS09<br>Dgr | H226<br>H311<br>H301<br>H332<br>H304<br>H319<br>H335<br>H315<br>H317<br>H410 |   |  | C D      |
| 602-050-00-4   | isodrin;<br>(1α,4α,4αβ,5β,8β,8αβ)-1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-1,4:5,8-dimethanonaphthalene  | 207-366-2                      | 465-73-6                       | Acute Tox. 2 *<br>Acute Tox. 1<br>Acute Tox. 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H330<br>H310<br>H300<br>H400<br>H410   | GHS06<br>GHS09<br>Dgr                   | H330<br>H310<br>H300<br>H410   |   | M=100                                    |          |
| 602-052-00-5   | endosulfan (ISO);<br>1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite;<br>1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite | 204-079-4                      | 115-29-7                       | Acute Tox. 2 *<br>Acute Tox. 2 *<br>Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H330<br>H300<br>H312<br>H400<br>H410   | GHS06<br>GHS09<br>Dgr                   | H330<br>H300<br>H312<br>H410   |   |  |          |
| 602-054-00-6   | 3-iodpropene;<br>allyl iodide  | 209-130-4                      | 556-56-9                       | Flam. Liq. 2<br>Skin Corr. 1B   | H225<br>H314   | GHS02<br>GHS05<br>Dgr                   | H225<br>H314   |   |  |          |

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|----------------|--|-----------|------------|---|--|---|--|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                                | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                          | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 602-076-00-6   | 2,3,4-trichlorobut-1-ene   | 219-397-9 | 2431-50-7  | Carc. 2<br>Acute Tox. 3 *<br>Acute Tox. 4 *<br>Eye Irrit. 2<br>STOT SE 3<br>Skin Irrit. 2<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H351<br>H331<br>H302<br>H319<br>H335<br>H315<br>H400<br>H410 | GHS06<br>GHS08<br>GHS09<br>Dgr          | H351<br>H331<br>H302<br>H319<br>H335<br>H315<br>H410   |   | Carc. 2; H351:<br>C ≥ 0,1 %              |          |
| 602-080-00-8   | alkanes, C <sub>10-13</sub> , chloro;<br>chlorinated paraffins, C <sub>10-13</sub> | 287-476-5 | 85535-84-8 | Carc. 2<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H351<br>H400<br>H410   | GHS08<br>GHS09<br>Wng                   | H351<br>H410   | EUH066                                      |  |          |
| 603-005-00-1   | 2-methylpropan-2-ol;<br>tert-butyl alcohol   | 200-889-7 | 75-65-0    | Flam. Liq. 2<br>Acute Tox. 4 *<br>Eye Irrit. 2<br>STOT SE 3   | H225<br>H332<br>H319<br>H335                                 | GHS02<br>GHS07<br>Dgr                   | H225<br>H332<br>H319<br>H335                           |   |  |          |
| 603-018-00-2   | furfuryl alcohol   | 202-626-1 | 98-00-0    | Carc. 2<br>Acute Tox. 3 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Eye Irrit. 2<br>STOT SE 3                         | H351<br>H331<br>H312<br>H302<br>H373**<br>H319<br>H335       | GHS06<br>GHS08<br>Dgr                   | H351<br>H331<br>H312<br>H302<br>H373**<br>H319<br>H335 |   |  |          |
| 603-023-00-X   | ethylene oxide;<br>oxirane   | 200-849-9 | 75-21-8    | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B<br>Acute Tox. 3 *<br>Eye Irrit. 2<br>STOT SE 3<br>Skin Irrit. 2                 | H220<br>H350<br>H340<br>H331<br>H319<br>H335<br>H315         | GHS02<br>GHS04<br>GHS06<br>GHS08<br>Dgr | H220<br>H350<br>H340<br>H331<br>H319<br>H335<br>H315   |   |  |          |
| 603-029-00-2   | bis(2-chloroethyl) ether   | 203-870-1 | 111-44-4   | Carc. 2<br>Acute Tox. 2 *<br>Acute Tox. 1<br>Acute Tox. 2 *   | H351<br>H330<br>H310<br>H300                                 | GHS06<br>GHS08<br>Dgr                   | H351<br>H330<br>H310<br>H300                           |   |  |          |

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|----------------|---|--|--|---|--|---|--|---|--|----------|
|                |   |  |  | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 603-032-00-9   | ethylene dinitrate;<br>ethylene glycol dinitrate                                    | 211-063-0  | 628-96-6   | Unst. Expl.<br>Acute Tox. 2 *<br>Acute Tox. 1<br>Acute Tox. 2 *<br>STOT RE 2                    | H200<br>H330<br>H310<br>H300<br>H373**       | GHS01<br>GHS06<br>GHS08<br>Dgr          | H200<br>H330<br>H310<br>H300<br>H373**       |   |  |          |
| 603-037-00-6   | cellulose nitrate;<br>nitrocellulose  | —  | —  | Expl. 1.1   | H201   | GHS01<br>Dgr                            | H201   |   | T  |          |
| 603-046-00-5   | bis(chloromethyl) ether;<br>oxybis(chloromethane)                                   | 208-832-8  | 542-88-1   | Flam. Liq. 2<br>Carc. 1A<br>Acute Tox. 2 *<br>Acute Tox. 3 *<br>Acute Tox. 4 *                  | H225<br>H350<br>H330<br>H311<br>H302         | GHS02<br>GHS06<br>GHS08<br>Dgr          | H225<br>H350<br>H330<br>H311<br>H302         | Carc. 1A;<br>H350;<br>C ≥ 0,001 %           |  |          |
| 603-064-00-3   | 1-methoxy-2-propanol;<br>monopropylene glycol methyl ether                          | 203-539-1  | 107-98-2   | Flam. Liq. 3<br>STOT SE 3   | H226<br>H336                                 | GHS02<br>GHS07<br>Wng                   | H226<br>H336                                 |   |  |          |
| 603-066-00-4   | 1,2-epoxy-4-epoxyethylcyclohexane;<br>4-vinylcyclohexene diepoxide                  | 203-437-7  | 106-87-6   | Carc. 2<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>Acute Tox. 3 *                                   | H351<br>H331<br>H311<br>H301                 | GHS06<br>GHS08<br>Dgr                   | H351<br>H331<br>H311<br>H301                 | *   |  |          |
| 603-085-00-8   | bronopol (INN);<br>2-bromo-2-nitropropane-1,3-diol                                  | 200-143-0  | 52-51-7  | Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT SE 3<br>Skin Irrit. 2<br>Eye Dam. 1<br>Aquatic Acute 1 | H312<br>H302<br>H335<br>H315<br>H318<br>H400 | GHS05<br>GHS07<br>GHS09<br>Dgr          | H312<br>H302<br>H335<br>H315<br>H318<br>H400 | M=10  |  |          |
| 603-127-00-5   | butan-2-ol; [1]<br>(S)-butan-2-ol; [2]<br>(R)-butan-2-ol; [3]<br>(±)-butan-2-ol [4] | 201-158-5 [1]<br>224-168-1 [2]<br>238-967-8 [3]<br>240-029-8 [4] | 78-92-2 [1]<br>4221-99-2 [2]<br>14898-79-4 [3]<br>15892-23-6 [4] | Flam. Liq. 3<br>Eye Irrit. 2<br>STOT SE 3<br>STOT SE 3  | H226<br>H319<br>H335<br>H336                 | GHS02<br>GHS07<br>Wng                   | H226<br>H319<br>H335<br>H336                 |   | C  |          |
| 604-005-00-4   | 1,4-dihydroxybenzene;<br>hydroquinone;<br>quinol                                    | 204-617-8  | 123-31-9   | Carc. 2<br>Muta. 2<br>Acute Tox. 4 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1           | H351<br>H341<br>H302<br>H318<br>H317<br>H400 | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H351<br>H341<br>H302<br>H318<br>H317<br>H400 | M=10  |  |          |

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|----------------|---|-----------|------------|---|--|------------------------------------|--|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                        | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení                        | Doplňujúci(e) kód(y) výstražných upozornení                       |  |          |
| 604-030-00-0   | bisphenol A;<br>4,4'-isopropylidenediphenol   | 201-245-8 | 80-05-7    | Repr. 2<br>STOT SE 3<br>Eye Dam. 1<br>Skin Sens. 1  | H361f***<br>H335<br>H318<br>H317                     | GHS05<br>GHS08<br>GHS07<br>Dgr     | H361f<br>H335<br>H318<br>H317                        |   |  |          |
| 604-055-00-7   | 2,2'-((3,3',5,5'-tetramethyl-(1,1'-biphenyl)-4,4'-diyl)-bis(oxymethylene))-bis-oxirane  | 413-900-7 | 85954-11-6 | Carc. 2<br>Skin Sens. 1   | H351<br>H317   | GHS08<br>GHS07<br>Wng              | H351<br>H317   |   |  |          |
| 605-004-00-1   | 2,4,6-trimethyl-1,3,5-trioxane;<br>paraldehyde  | 204-639-8 | 123-63-7   | Flam. Liq. 3  | H226   | GHS02<br>Wng                       | H226   |   |  |          |
| 605-005-00-7   | 2,4,6,8-tetramethyl-1,3,5,7-tetraoxacyclooctane;<br>metaldehyde   | 203-600-2 | 108-62-3   | Flam. Sol. 2<br>Acute Tox. 4 *  | H228<br>H302   | GHS02<br>GHS07<br>Dgr              | H228<br>H302   |   |  |          |
| 605-010-00-4   | 2-furaldehyde   | 202-627-7 | 98-01-1    | Carc. 2<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>Acute Tox. 4 *<br>Eye Irrit. 2<br>STOT SE 3<br>Skin Irrit. 2 | H351<br>H331<br>H301<br>H312<br>H319<br>H335<br>H315 | GHS06<br>GHS08<br>Dgr              | H351<br>H331<br>H301<br>H312<br>H319<br>H335<br>H315 |   |  |          |
| 606-013-00-3   | p-benzoquinone;<br>quinone  | 203-405-2 | 106-51-4   | Acute Tox. 3 *<br>Acute Tox. 3 *<br>Eye Irrit. 2<br>STOT SE 3<br>Skin Irrit. 2<br>Aquatic Acute 1           | H331<br>H301<br>H319<br>H335<br>H315<br>H400         | GHS06<br>GHS09<br>Dgr              | H331<br>H301<br>H319<br>H335<br>H315<br>H400         | M=10  |  |          |
| 606-021-00-7   | N-methyl-2-pyrrolidone;<br>1-methyl-2-pyrrolidone   | 212-828-1 | 872-50-4   | Repr. 1B<br>Eye Irrit. 2<br>STOT SE 3<br>Skin Irrit. 2  | H360D***<br>H319<br>H335<br>H315                     | GHS08<br>GHS07<br>Dgr              | H360D***<br>H319<br>H335<br>H315                     | Repr. 1B;<br>H360D:<br>C ≥ 5 %<br>STOT SE 3;<br>H335:<br>C ≥ 10 % |  |          |
| 606-034-00-8   | metribuzin (ISO);<br>4-amino-6-tert-butyl-3-methylthio-1,2,4-triazin-5(4H)-one;<br>4-amino-4,5-dihydro-6-(1,1-dimethylethyl)-3-methylthio-1,2,4-triazin-5-one | 244-209-7 | 21087-64-9 | Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H302<br>H400<br>H410                                 | GHS07<br>GHS09<br>Wng              | H302<br>H410   | M=10  |  |          |

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|----------------|--|-----------|----------|--|--|------------------------------------|--|---|--|----------|
|                |  |           |          | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení                | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-003-00-1   | chloroacetic acid  | 201-178-4 | 79-11-8  | Acute Tox. 3 *<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>Skin Corr. 1B<br>Aquatic Acute 1                 | H331<br>H311<br>H301<br>H314<br>H400         | GHS06<br>GHS05<br>GHS09<br>Dgr     | H331<br>H311<br>H301<br>H314<br>H400         |   | STOT SE 3;<br>H335: C ≥ 5 %              |          |
| 607-007-00-3   | salts of oxalic acid with the exception of those specified elsewhere in this Annex | —         | —        | Acute Tox. 4 *<br>Acute Tox. 4 *   | H312<br>H302                                 | GHS07<br>Wng                       | H312<br>H302                                 |   | *  | A        |
| 607-012-00-0   | benzoyl chloride   | 202-710-8 | 98-88-4  | Acute Tox. 4 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Skin Corr. 1B<br>Skin Sens. 1                    | H332<br>H312<br>H302<br>H314<br>H317         | GHS05<br>GHS07<br>Dgr              | H332<br>H312<br>H302<br>H314<br>H317         |   |  |          |
| 607-037-00-7   | 2-ethoxyethyl acetate;<br>ethylglycol acetate                                      | 203-839-2 | 111-15-9 | Flam. Liq. 3<br>Repr. 1B<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *                         | H226<br>H360FD<br>H332<br>H312<br>H302       | GHS02<br>GHS08<br>GHS07<br>Dgr     | H226<br>H360FD<br>H332<br>H312<br>H302       |   |  |          |
| 607-051-00-3   | MCPA (ISO);<br>4-chloro- <i>o</i> -tolylxyacetic acid                              | 202-360-6 | 94-74-6  | Acute Tox. 4 *<br>Skin Irrit. 2<br>Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                  | H302<br>H315<br>H318<br>H400<br>H410         | GHS05<br>GHS07<br>GHS09<br>Dgr     | H302<br>H315<br>H318<br>H410                 |   |  |          |
| 607-052-00-9   | salts and esters of MCPA   | —         | —        | Acute Tox. 4 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1             | H332<br>H312<br>H302<br>H400<br>H410         | GHS07<br>GHS09<br>Wng              | H332<br>H312<br>H302<br>H410                 |   |  | A        |
| 607-065-00-X   | bromoacetic acid   | 201-175-8 | 79-08-3  | Acute Tox. 3 *<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>Skin Corr. 1A<br>Skin Sens. 1<br>Aquatic Acute 1 | H331<br>H311<br>H301<br>H314<br>H317<br>H400 | GHS06<br>GHS05<br>GHS09<br>Dgr     | H331<br>H311<br>H301<br>H314<br>H317<br>H400 |   |  |          |

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|----------------|---|--------------------------------|-----------------------------|--|--------------------------------------|------------------------------------|--------------------------------------|---|--|----------|
|                |   |                                |                             | Trieda nebezpečnosti a kód(y) kategórie                                      | Kód(y) výstražných upozornení        | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení        | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-085-00-9   | benzyl benzoate   | 204-402-9                      | 120-51-4                    | Acute Tox. 4 *<br>Aquatic Chronic 2  | H302<br>H411                         | GHS07<br>GHS09<br>Wng              | H302<br>H411                         |   |  |          |
| 607-095-00-3   | maleic acid   | 203-742-5                      | 110-16-7                    | Acute Tox. 4 *<br>Eye Irrit. 2<br>STOT SE 3<br>Skin Irrit. 2<br>Skin Sens. 1 | H302<br>H319<br>H335<br>H315<br>H317 | GHS07<br>Wng                       | H302<br>H319<br>H335<br>H315<br>H317 |   | Skin Sens. 1;<br>H317: C ≥ 0,1 %                                   |          |
| 607-103-00-5   | succinic anhydride  | 203-570-0                      | 108-30-5                    | Acute Tox. 4 *<br>Eye Irrit. 2<br>STOT SE 3                                  | H302<br>H319<br>H335                 | GHS07<br>Wng                       | H302<br>H319<br>H335                 |   | *<br>Eye Irrit. 2;<br>H319: C ≥ 1 %<br>STOT SE 3;<br>H335: C ≥ 1 % |          |
| 607-142-00-8   | propyl chloroformate;<br>chloroformic acid propylester;<br>n-propyl chloroformate   | 203-687-7                      | 109-61-5                    | Flam. Liq. 2<br>Acute Tox. 3 *<br>Skin Corr. 1B                              | H225<br>H331<br>H314                 | GHS02<br>GHS06<br>GHS05<br>Dgr     | H225<br>H331<br>H314                 |   |  |          |
| 607-162-00-7   | dalapon;<br>2,2-dichloropropionic acid; [1]<br>dalapon-sodium;<br>sodium 2,2-dichloropropionate [2]   | 200-923-0 [1]<br>204-828-5 [2] | 75-99-0 [1]<br>127-20-8 [2] | Skin Irrit. 2<br>Eye Dam. 1<br>Aquatic Chronic 3                             | H315<br>H318<br>H412                 | GHS05<br>Dgr                       | H315<br>H318<br>H412                 |   |  |          |
| 607-177-00-9   | tribenuron-methyl (ISO);<br>2-[4-methoxy-6-methyl-1,3,5-triazin-2-yl(methyl)carbamoylsulfamoyl]benzoic acid methyl ester;<br>methyl 2-(3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)-3methylureidosulfonyl)benzoate | 401-190-1                      | 101200-48-0                 | Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                         | H317<br>H400<br>H410                 | GHS07<br>GHS09<br>Wng              | H317<br>H410                         |   | M=100  |          |
| 607-189-00-4   | trimethylenediaminetetraacetic acid   | 400-400-9                      | 1939-36-2                   | Acute Tox. 4 *<br>Eye Dam. 1   | H302<br>H318                         | GHS05<br>GHS07<br>Dgr              | H302<br>H318                         |   |  |          |
| 607-195-00-7   | 2-methoxy-1-methylethyl acetate   | 203-603-9                      | 108-65-6                    | Flam. Liq. 3   | H226                                 | GHS02<br>Wng                       | H226                                 |   |  |          |
| 607-213-00-3   | ethyl 3,3-bis(tert-pentylperoxy)butyrate  | 403-320-2                      | 67567-23-1                  | Org. Perox. D****<br>Flam. Liq. 3<br>Aquatic Chronic 2                       | H242<br>H226<br>H411                 | GHS02<br>GHS09<br>Dgr              | H242<br>H226<br>H411                 |   |  |          |



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|----------------|--|-----------|------------|---|--|------------------------------------|--|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                                | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení                                | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-216-00-X   | glutamic acid, reaction products with N-(C <sub>12-14</sub> -alkyl)propylenediamine  | 403-950-8 | —          | Acute Tox. 2 *<br>Acute Tox. 4 *<br>Skin Corr. 1B<br>Aquatic Acute 1  | H330<br>H302<br>H314<br>H400                                 | GHS06<br>GHS05<br>GHS09<br>Dgr     | H330<br>H302<br>H314<br>H400                                 |   |  |          |
| 607-231-00-1   | clopyralid (ISO);<br>3,6-dichloropyridine-2-carboxylic acid  | 216-935-4 | 1702-17-6  | Eye Dam. 1  | H318   | GHS05<br>Dgr                       | H318   |   |  |          |
| 607-245-00-8   | tert-butyl acrylate  | 216-768-7 | 1663-39-4  | Flam. Liq. 2<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT SE 3<br>Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Chronic 2 | H225<br>H332<br>H312<br>H302<br>H335<br>H315<br>H317<br>H411 | GHS02<br>GHS07<br>GHS09<br>Wng     | H225<br>H332<br>H312<br>H302<br>H335<br>H315<br>H317<br>H411 |   | D  |          |
| 607-252-00-6   | lambda-cyhalothrin (ISO);<br>reaction mass of (S)-α-cyano-3-phenoxybenzyl(Z)-(1R)-cis-3-(2-chloro-3,3,3-trifluoropropenyl)-2,2-dimethylcyclopropanecarboxylate and (R)-α-cyano-3-phenoxybenzyl (Z)-(1S)-cis-3-(2-chloro-3,3,3-trifluoropropenyl)-2,2-dimethylcyclopropanecarboxylate (1:1) | 415-130-7 | 91465-08-6 | Acute Tox. 2 *<br>Acute Tox. 3 *<br>Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H330<br>H301<br>H312<br>H400<br>H410                         | GHS06<br>GHS09<br>Dgr              | H330<br>H301<br>H312<br>H410                                 |   | M=10000                                  |          |
| 607-253-00-1   | cyfluthrin (ISO);<br>α-cyano-4-fluoro-3-phenoxybenzyl-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate  | 269-855-7 | 68359-37-5 | Acute Tox. 2 *<br>Acute Tox. 3 *<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H300<br>H331<br>H400<br>H410                                 | GHS06<br>GHS09<br>Dgr              | H300<br>H331<br>H410   |   | M=1000                                   |          |
| 607-319-00-X   | deltamethrin (ISO);<br>(S)-α-cyano-3-phenoxybenzyl (1R, 3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate   | 258-256-6 | 52918-63-5 | Acute Tox. 3 *<br>Acute Tox. 3 *<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H331<br>H301<br>H400<br>H410                                 | GHS06<br>GHS09<br>Dgr              | H331<br>H301<br>H410   |   | M=1000000                                |          |
| 607-397-00-5   | reaction mass of: Ca salicylates (branched C <sub>10-14</sub> and C <sub>18-30</sub> alkylated);<br>Ca phenates (branched C <sub>10-14</sub> and C <sub>18-30</sub> alkylated);<br>Ca sulfurised phenates (branched C <sub>10-14</sub> and C <sub>18-30</sub> alkylated)                   | 415-930-6 | —          | Repr. 2<br>Skin Sens. 1   | H361f***<br>H317   | GHS08<br>GHS07<br>Wng              | H361f***<br>H317   |   |  |          |

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|----------------|--|-----------|-------------|--|--|---|--|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                        | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-422-00-X   | $\alpha$ -cypermethrin (ISO);<br>racemate comprising (R)- $\alpha$ -cyano-3-phenoxybenzyl (1S,3S)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate;<br>(S)- $\alpha$ -cyano-3-phenoxybenzyl (1R,3R)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate | 257-842-9 | 67375-30-8  | Acute Tox. 3 *<br>STOT RE 2 *<br>STOT SE 3<br>Aquatic Acute 1<br>Aquatic Chronic 1                           | H301<br>H373**<br>H335<br>H400<br>H410               | GHS06<br>GHS08<br>GHS09<br>Dgr          | H301<br>H373**<br>H335<br>H410               |   | M=1000                                   |          |
| 608-005-00-5   | n-butyronitrile  | 203-700-6 | 109-74-0    | Flam. Liq. 2<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>Acute Tox. 3 *   | H225<br>H331<br>H311<br>H301                         | GHS02<br>GHS06<br>Dgr                   | H225<br>H331<br>H311<br>H301                 |   |  |          |
| 608-011-00-8   | oxalonitrile;<br>cyanogen  | 207-306-5 | 460-19-5    | Press. Gas<br>Flam. Gas 1<br>Acute Tox. 3 *<br>Aquatic Acute 1<br>Aquatic Chronic 1                          | H220<br>H331<br>H400<br>H410                         | GHS02<br>GHS04<br>GHS06<br>GHS09<br>Dgr | H220<br>H331<br>H410                         |   |  |          |
| 608-014-00-4   | chlorothalonil (ISO);<br>tetrachloroisophthalonitrile  | 217-588-1 | 1897-45-6   | Carc. 2<br>Acute Tox. 2 *<br>STOT SE 3<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H351<br>H330<br>H335<br>H318<br>H317<br>H400<br>H410 | GHS06<br>GHS05<br>GHS08<br>GHS09<br>Dgr | H351<br>H330<br>H335<br>H318<br>H317<br>H410 |   | M=10                                     |          |
| 608-034-00-3   | chlorfenapyr (ISO);<br>4-bromo-2-(4-chlorophenyl)-1-ethoxymethyl-5-trifluoromethylpyrrole-3-carbonitrile   | —         | 122453-73-0 | Acute Tox. 3 *<br>Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1                                     | H331<br>H302<br>H400<br>H410                         | GHS06<br>GHS09<br>Dgr                   | H331<br>H302<br>H410                         |   | M=100                                    |          |
| 608-058-00-4   | esfenvalerate (ISO);<br>(S)- $\alpha$ -cyano-3-phenoxybenzyl-(S)-2-(4-chlorophenyl)-3-methylbutyrate   | —         | 66230-04-4  | Acute Tox. 3 *<br>Acute Tox. 3 *<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                     | H331<br>H301<br>H317<br>H400<br>H410                 | GHS06<br>GHS09<br>Dgr                   | H331<br>H301<br>H317<br>H410                 |   | M=10000                                  |          |

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|----------------|---|--------------------------------|--------------------------------|---|--|---|--|---|--|----------|
|                |   |                                |                                | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                                      | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 609-005-00-8   | 1,3,5-trinitrobenzene   | 202-752-7                      | 99-35-4                        | Expl. 1.1<br>Acute Tox. 2 *<br>Acute Tox. 1<br>Acute Tox. 2 *<br>STOT RE 2<br>Aquatic Acute 1<br>Aquatic Chronic 1                          | H201<br>H330<br>H310<br>H300<br>H373**<br>H400<br>H410                     | GHS01<br>GHS06<br>GHS08<br>GHS09<br>Dgr | H201<br>H330<br>H310<br>H300<br>H373**<br>H410                     |   |  |          |
| 609-007-00-9   | 2,4-dinitrotoluene; [1]<br>dinitrotoluene [2]   | 204-450-0 [1]<br>246-836-1 [2] | 121-14-2 [1]<br>25321-14-6 [2] | Carc. 1B<br>Muta. 2<br>Repr. 2<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>STOT RE 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350<br>H341<br>H361f***<br>H331<br>H311<br>H301<br>H373**<br>H400<br>H410 | GHS06<br>GHS08<br>GHS09<br>Dgr          | H350<br>H341<br>H361f***<br>H331<br>H311<br>H301<br>H373**<br>H410 |   |  |          |
| 609-009-00-X   | 2,4,6-trinitrophenol;<br>picric acid  | 201-865-9                      | 88-89-1                        | Expl. 1.1<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>Acute Tox. 3 *   | H201<br>H331<br>H311<br>H301   | GHS01<br>GHS06<br>Dgr                   | H201<br>H331<br>H311<br>H301                                       |   |  |          |
| 609-018-00-9   | 2,4,6-trinitroresorcinol;<br>styphnic acid  | 201-436-6                      | 82-71-3                        | Expl. 1.1<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *   | H201<br>H332<br>H312<br>H302   | GHS01<br>GHS07<br>Dgr                   | H201<br>H332<br>H312<br>H302                                       |   |  |          |
| 609-023-00-6   | dinocap (ISO);<br>(RS)-2,6-dinitro-4-octylphenyl crotonates and<br>(RS)-2,4-dinitro-6-octylphenyl crotonates in<br>which „octyl“ is a reaction mass of<br>1-methylheptyl, 1-ethylhexyl and<br>1-propylpentyl groups | 254-408-0                      | 39300-45-3                     | Repr. 1B<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1        | H360D***<br>H332<br>H302<br>H373**<br>H315<br>H317<br>H400<br>H410         | GHS08<br>GHS07<br>GHS09<br>Dgr          | H360D***<br>H332<br>H302<br>H373**<br>H315<br>H317<br>H410         | M=100                                       |  |          |

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|----------------|---|-----------|-------------|--|--|------------------------------------|--|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie                                      | Kód(y) výstražných upozornení          | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení          | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 609-046-00-1   | trifluralin (ISO)<br>(containing < 0,5 ppm NPDA);<br>α,α,α-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine (containing < 0,5 ppm NPDA);<br>2,6-dinitro-N,N-dipropyl-4-trifluoromethylaniline<br>(containing < 0,5 ppm NPDA);<br>N,N-dipropyl-2,6-dinitro-4-trifluoromethylaniline<br>(containing < 0,5 ppm NPDA)                           | 216-428-8 | 1582-09-8   | Carc. 2<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1              | H351<br>H317<br>H400<br>H410           | GHS08<br>GHS07<br>GHS09<br>Wng     | H351<br>H317<br>H410                   |   | M=10                                     |          |
| 611-028-00-3   | C,C'-azodi(formamide)   | 204-650-8 | 123-77-3    | Resp. Sens. 1  | H334                                   | GHS08<br>Dgr                       | H334                                   |   |  |          |
| 611-035-00-1   | tetralithium 6-amino-4-hydroxy-3-[7-sulfonato-4-(5-sulfonato-2-naphthylazo)-1-naphthylazo]naphthalene-2,7-disulfonate   | 403-660-1 | 107246-80-0 | Aquatic Chronic 2  | H411                                   | GHS09                              | H411                                   |   |  |          |
| 611-067-00-6   | reaction mass of: bis(tris(2-(2-hydroxy(1-methyl)ethoxy)ethyl)ammonium) 7-anilino-4-hydroxy-3-(2-methoxy-5-methyl-4-(4-sulfonatophenylazo)phenylazo)naphthalene-2-sulfonate;<br>bis(tris(2-(2-hydroxy(2-methyl)ethoxy)ethyl)ammonium) 7-anilino-4-hydroxy-3-(2-methoxy-5-methyl-4-(4-sulfonatophenylazo)phenylazo)naphthalene-2-sulfonate | 406-910-8 | —           | Acute Tox. 4 *<br>Aquatic Chronic 3  | H302<br>H412                           | GHS07<br>Wng                       | H302<br>H412                           |   |  |          |
| 611-130-00-8   | tetra-ammonium 2-[6-[7-(2-carboxylato-phenylazo)-8-hydroxy-3,6-disulfonato-1-naphthylamino]-4-hydroxy-1,3,5-triazin-2-ylamino]benzoate  | 418-520-5 | 183130-96-3 | Eye Irrit. 2<br>Aquatic Chronic 3  | H319<br>H412                           | GHS07<br>Wng                       | H319<br>H412                           |   |  |          |
| 612-017-00-6   | N-methyl-N-2,4,6-tetranitroaniline;<br>tetryl   | 207-531-9 | 479-45-8    | Expl. 1.1<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>STOT RE 2 | H201<br>H331<br>H311<br>H301<br>H373** | GHS01<br>GHS06<br>GHS08<br>Dgr     | H201<br>H331<br>H311<br>H301<br>H373** |   |  |          |

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|----------------|---|-----------|-----------|---|--|---|--|---|--|----------|
|                |   |           |           | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 612-018-00-1   | bis(2,4,6-trinitrophenyl)amine;<br>hexyl    | 205-037-8 | 131-73-7  | Expl. 1.1<br>Acute Tox. 2 *<br>Acute Tox. 1<br>Acute Tox. 2 *<br>STOT RE 2<br>Aquatic Chronic 2 | H201<br>H330<br>H310<br>H300<br>H373**<br>H411 | GHS01<br>GHS06<br>GHS08<br>GHS09<br>Dgr | H201<br>H330<br>H310<br>H300<br>H373**<br>H411 |   |  |          |
| 612-019-00-7   | dipicrylamine, ammonium salt                | 220-639-0 | 2844-92-0 | Expl. 1.1<br>Acute Tox. 2 *<br>Acute Tox. 1<br>Acute Tox. 2 *<br>STOT RE 2<br>Aquatic Chronic 2 | H201<br>H330<br>H310<br>H300<br>H373**<br>H411 | GHS01<br>GHS06<br>GHS08<br>GHS09<br>Dgr | H201<br>H330<br>H310<br>H300<br>H373**<br>H411 |   |  |          |
| 612-034-00-9   | 2-amino-4,6-dinitrophenol;<br>picramic acid | 202-544-6 | 96-91-3   | Expl. 1.1<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Aquatic Chronic 3            | H201<br>H332<br>H312<br>H302<br>H412           | GHS01<br>GHS07<br>Dgr                   | H201<br>H332<br>H312<br>H302<br>H412           |   |  |          |
| 612-044-00-3   | N,N'-diacetylbenzidine                      | 210-338-2 | 613-35-4  | Carc. 1B<br>Muta. 2<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *                       | H350<br>H341<br>H332<br>H312<br>H302           | GHS08<br>GHS07<br>Dgr                   | H350<br>H341<br>H332<br>H312<br>H302           |   |  |          |
| 612-050-00-6   | cyclohexylamine                             | 203-629-0 | 108-91-8  | Flam. Liq. 3<br>Repr. 2<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Skin Corr. 1B                    | H226<br>H361f***<br>H312<br>H302<br>H314       | GHS02<br>GHS05<br>GHS08<br>GHS07<br>Dgr | H226<br>H361f***<br>H312<br>H302<br>H314       |   |  |          |
| 612-057-00-4   | piperazine;<br>[solid]                      | 203-808-3 | 110-85-0  | Repr. 2<br>Skin Corr. 1B<br>Resp. Sens. 1<br>Skin Sens. 1                                       | H361fd<br>H314<br>H334<br>H317                 | GHS05<br>GHS08<br>Dgr                   | H361fd<br>H314<br>H334<br>H317                 |   |  |          |
| 612-076-00-8   | ethyl dimethylamine                         | 209-940-8 | 598-56-1  | Flam. Liq. 2<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Skin Corr. 1B                               | H225<br>H332<br>H302<br>H314                   | GHS02<br>GHS05<br>GHS07<br>Dgr          | H225<br>H332<br>H302<br>H314                   |   |  |          |

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|----------------|---|-----------|-------------|--|--|---|--|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                                      | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                                      | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 612-083-00-6   | 1-methyl-3-nitro-1-nitrosoguanidine                                 | 200-730-1 | 70-25-7     | Carc. 1B<br>Acute Tox. 4 *<br>Eye Irrit. 2<br>Skin Irrit. 2<br>Aquatic Chronic 2                                       | H350<br>H332<br>H319<br>H315<br>H411                               | GHS08<br>GHS07<br>GHS09<br>Dgr          | H350<br>H332<br>H319<br>H315<br>H411                               |   | Carc. 1B;<br>H350: C ≥ 0,01 %            |          |
| 612-094-00-6   | 4-(2-chloro-4-trifluoromethyl)phenoxy-2-fluoroaniline hydrochloride | 402-190-4 | 113674-95-6 | STOT RE 1<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1       | H372**<br>H302<br>H373**<br>H318<br>H317<br>H400<br>H410           | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H372**<br>H302<br>H373**<br>H318<br>H317<br>H410                   |   |  |          |
| 612-098-00-8   | nitrosodipropylamine  | 210-698-0 | 621-64-7    | Carc. 1B<br>Acute Tox. 4 *<br>Aquatic Chronic 2  | H350<br>H302<br>H411   | GHS08<br>GHS07<br>GHS09<br>Dgr          | H350<br>H302<br>H411   |   | Carc. 1B;<br>H350: C ≥ 0,001 %           |          |
| 612-099-00-3   | 4-methyl- <i>m</i> -phenylenediamine;<br>2,4-toluenediamine         | 202-453-1 | 95-80-7     | Carc. 1B<br>Muta. 2<br>Repr. 2<br>Acute Tox. 3 *<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Skin Sens. 1<br>Aquatic Chronic 2 | H350<br>H341<br>H361f***<br>H301<br>H312<br>H373**<br>H317<br>H411 | GHS06<br>GHS08<br>GHS09<br>Dgr          | H350<br>H341<br>H361f***<br>H301<br>H312<br>H373**<br>H317<br>H411 |   |  |          |
| 612-101-00-2   | methenamine;<br>hexamethylenetetramine                              | 202-905-8 | 100-97-0    | Flam. Sol. 2<br>Skin Sens. 1   | H228<br>H317   | GHS02<br>GHS07<br>Wng                   | H228<br>H317   |   |  |          |

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|----------------|--|--------------------------------|---------------------------------|--|--|--|--|---|--|----------|
|                |  |                                |                                 | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov               | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 612-122-00-7   | hydroxylamine ... %<br>[> 55 % in aqueous solution]  | 232-259-2                      | 7803-49-8                       | Unst. Expl.<br>Met. Corr. 1<br>Carc. 2<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT RE 2 *<br>STOT SE 3<br>Skin Irrit. 2<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1 | H200<br>H290<br>H351<br>H312<br>H302<br>H373**<br>H335<br>H315<br>H318<br>H317<br>H400 | GHS01<br>GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H200<br>H290<br>H351<br>H312<br>H302<br>H373**<br>H335<br>H315<br>H318<br>H317<br>H400 |   | B  |          |
| 612-123-00-2   | hydroxylammonium chloride;<br>hydroxylamine hydrochloride; [1]<br>bis(hydroxylammonium) sulfate;<br>hydroxylamine sulfate (2:1) [2]  | 226-798-2 [1]<br>233-118-8 [2] | 5470-11-1 [1]<br>10039-54-0 [2] | Met. Corr. 1<br>Carc. 2<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Eye Irrit. 2<br>Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Acute 1                           | H290<br>H351<br>H312<br>H302<br>H373**<br>H319<br>H315<br>H317<br>H400                 | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Wng          | H290<br>H351<br>H312<br>H302<br>H373**<br>H319<br>H315<br>H317<br>H400                 |   |  |          |
| 612-151-00-5   | methyl-phenylene diamine;<br>diaminotoluene;<br>[technical product – reaction mass of<br>4-methyl- <i>m</i> -phenylene diamine (EC No 202-<br>453-1) and 2-methyl- <i>m</i> -phenylene diamine<br>(EC No 212-513-9)] | —                              | —                               | Carc. 1B<br>Muta. 2<br>Repr. 2<br>Acute Tox. 3 *<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Eye Irrit. 2<br>Skin Sens. 1<br>Aquatic Chronic 2                                   | H350<br>H341<br>H361f***<br>H301<br>H312<br>H373**<br>H319<br>H317<br>H411             | GHS06<br>GHS08<br>GHS09<br>Dgr                   | H350<br>H341<br>H361f***<br>H301<br>H312<br>H373**<br>H319<br>H317<br>H411             |   |  |          |
| 613-003-00-2   | 1,2,3,4-tetranitrocarbazole  | —                              | 6202-15-9                       | Expl. 1.1<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *  | H201<br>H332<br>H312<br>H302   | GHS01<br>GHS07<br>Dgr                            | H201<br>H332<br>H312<br>H302   |   |  |          |
| 613-010-00-0   | ametryn (ISO);<br>2-ethylamino-4-isopropylamino-6-<br>methylthio-1,3,5-triazine  | 212-634-7                      | 834-12-8                        | Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H302<br>H400<br>H410   | GHS07<br>GHS09<br>Wng                            | H302<br>H410   | M=100                                       |  |          |

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|----------------|---|--------------------------------|--------------------------------|--|--|---|--|---|---|----------|
|                |   |                                |                                | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                          | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                          | Doplňujúci(e) kód(y) výstražných upozornení |   |          |
| 613-030-00-X   | troclosene potassium: [1]<br>troclosene sodium [2]  | 218-828-8 [1]<br>220-767-7 [2] | 2244-21-5 [1]<br>2893-78-9 [2] | Ox. Sol. 2<br>Acute Tox. 4 *<br>Eye Irrit. 2<br>STOT SE 3<br>Aquatic Acute 1<br>Aquatic Chronic 1            | H272<br>H302<br>H319<br>H335<br>H400<br>H410           | GHS03<br>GHS07<br>GHS09<br>Dgr          | H272<br>H302<br>H319<br>H335<br>H410                   | EUH031                                      | *<br>STOT SE 3;<br>H335: C ≥ 10 %<br>EUH031: C ≥ 10 % | G        |
| 613-044-00-6   | captan (ISO);<br>1,2,3,6-tetrahydro-N-(trichloromethylthio)phthalimide  | 205-087-0                      | 133-06-2                       | Carc. 2<br>Acute Tox. 3 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1                                   | H351<br>H331<br>H318<br>H317<br>H400                   | GHS06<br>GHS05<br>GHS08<br>GHS09<br>Dgr | H351<br>H331<br>H318<br>H317<br>H400                   |   | M=10  |          |
| 613-045-00-1   | folpet (ISO);<br>N-(trichloromethylthio)phthalimide   | 205-088-6                      | 133-07-3                       | Carc. 2<br>Acute Tox. 4 *<br>Eye Irrit. 2<br>Skin Sens. 1<br>Aquatic Acute 1                                 | H351<br>H332<br>H319<br>H317<br>H400                   | GHS08<br>GHS07<br>GHS09<br>Wng          | H351<br>H332<br>H319<br>H317<br>H400                   |   | M=10  |          |
| 613-060-00-3   | resmethrin (ISO);<br>5-benzyl-3-furylmethyl (±)-cis-trans-chrysanthemate  | 233-940-7                      | 10453-86-8                     | Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H302<br>H400<br>H410                                   | GHS07<br>GHS09<br>Wng                   | H302<br>H410   |   | M=1000  |          |
| 613-116-00-7   | tolylfluamid (ISO);<br>dichloro-N-[(dimethylamino)sulphonyl]fluoro-N-(p-tolyl)methanesulphenamide;<br>[containing ≥ 0,1 % (w/w) of particles with an aerodynamic diameter of below 50 µm] | 211-986-9                      | 731-27-1                       | Acute Tox. 2 *<br>STOT RE 1<br>Eye Irrit. 2<br>STOT SE 3<br>Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Acute 1 | H330<br>H372**<br>H319<br>H335<br>H315<br>H317<br>H400 | GHS06<br>GHS08<br>GHS09<br>Dgr          | H330<br>H372**<br>H319<br>H335<br>H315<br>H317<br>H400 |   | M=10  |          |
| 613-120-00-9   | bioresmethrin (ISO);<br>(5-benzylfur-3-yl)methyl(1R)-trans-2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate   | 249-014-0                      | 28434-01-7                     | Aquatic Acute 1<br>Aquatic Chronic 1   | H400<br>H410   | GHS09<br>Wng                            | H410   |   | M=1000  |          |
| 613-139-00-2   | metsulfuron-methyl (ISO);<br>2-(4-methoxy-6-methyl-1,3,5-triazin-2-ylcarbamoylsulfamoyl) benzoic acid   | —                              | 74223-64-6                     | Aquatic Acute 1<br>Aquatic Chronic 1   | H400<br>H410   | GHS09<br>Wng                            | H410   |   | M=1000  |          |



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|----------------|---|----------------|------------------------------------|--|--|------------------------------------|--|---|--|----------|
|                |   |                |                                    | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                        | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení                | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 613-163-00-3   | azimsulfuron (ISO);<br>1-(4,6-dimethoxypyrimidin-2-yl)-3-[1-methyl-4-(2-methyl-2H-tetrazol-5-yl)pyrazol-5-ylsulfonyl]urea   | —              | 120162-55-2                        | Aquatic Acute 1<br>Aquatic Chronic 1   | H400<br>H410   | GHS09<br>Wng                       | H410   |   | M=1000                                   |          |
| 613-164-00-9   | flufenacet (ISO);<br>N-(4-fluorophenyl)-N-isopropyl-2-(5-trifluoromethyl-[1,3,4]thiadiazol-2-yloxy)acetamide  | —              | 142459-58-3                        | Acute Tox. 4 *<br>STOT RE 2 *<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                                | H302<br>H373**<br>H317<br>H400<br>H410               | GHS08<br>GHS07<br>GHS09<br>Wng     | H302<br>H373**<br>H317<br>H410               |   | M=100                                    |          |
| 613-165-00-4   | flupyrsulfuron-methyl-sodium (ISO);<br>methyl 2-[[[(4,6-dimethoxypyrimidin-2-ylcarbamoyl)sulfamoyl]-6-trifluoromethyl]nicotinate, monosodium salt   | —              | 144740-54-5                        | Aquatic Acute 1<br>Aquatic Chronic 1   | H400<br>H410   | GHS09<br>Wng                       | H410   |   | M=100                                    |          |
| 613-166-00-X   | flumioxazin (ISO);<br>N-(7-fluoro-3,4-dihydro-3-oxo-4-prop-2-ynyl-2H-1,4-benzoxazin-6-yl)cyclohex-1-ene-1,2-dicarboxamide   | —              | 103361-09-7                        | Repr. 1B<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H360D***<br>H400<br>H410                             | GHS08<br>GHS09<br>Dgr              | H360D***<br>H410                             |   | M=1000                                   |          |
| 613-169-00-6   | 9-vinylcarbazole  | 216-055-0      | 1484-13-5                          | Muta. 2<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H341<br>H312<br>H302<br>H315<br>H317<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Wng     | H341<br>H312<br>H302<br>H315<br>H317<br>H410 |   | M=100                                    |          |
| 613-174-00-3   | tetraconazole (ISO);<br>(±) 2-(2,4-dichlorophenyl)-3-(1H-1,2,4-triazol-1-yl)propyl-1,1,2,2-tetrafluoroethylether  | 407-760-6      | 112281-77-3                        | Acute Tox. 4 *<br>Acute Tox. 4 *<br>Aquatic Chronic 2  | H332<br>H302<br>H411                                 | GHS07<br>GHS09<br>Wng              | H332<br>H302<br>H411                         |   |  |          |
| 613-203-00-X   | pyraflufen-ethyl (ISO);<br>2-chloro-5-(4-chloro-5-difluoromethoxy-1-methylpyrazol-3-yl)-4-fluorophenoxyacetic acid ethyl ester; [1]<br>pyraflufen (ISO);<br>2-chloro-5-(4-chloro-5-difluoromethoxy-1-methylpyrazol-3-yl)-4-fluorophenoxyacetic acid [2] | - [1]<br>- [2] | 129630-19-9 [1]<br>129630-17-7 [2] | Aquatic Acute 1<br>Aquatic Chronic 1   | H400<br>H410   | GHS09<br>Wng                       | H410   |   | M=1000                                   |          |

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|                |  |  |  | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |   |          |
| 613-204-00-5   | oxadiargyl (ISO);<br>3-[2,4-dichloro-5-(2-propynyloxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one;<br>5-tert-butyl-3-[2,4-dichloro-5-(prop-2-ynyloxy)phenyl]-1,3,4-oxadiazol-2(3H)-one   | 254-637-6  | 39807-15-3   | Repr. 1A<br>STOT RE 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H360Fd<br>H373**<br>H400<br>H410   | GHS08<br>GHS09<br>Dgr                   | H360Fd<br>H373**<br>H410   |   | M=1000  |          |
| 614-005-00-6   | colchicine   | 200-598-5  | 64-86-8  | Muta. 1B<br>Acute Tox. 2 *   | H340<br>H300   | GHS06<br>GHS08<br>Dgr                   | H340<br>H300   |   |   |          |
| 615-001-00-7   | methyl isocyanate  | 210-866-3  | 624-83-9   | Flam. Liq. 2<br>Repr. 2<br>Acute Tox. 2 *<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>Resp. Sens. 1<br>Skin Sens. 1<br>STOT SE 3<br>Skin Irrit. 2<br>Eye Dam. 1 | H225<br>H361d***<br>H330<br>H311<br>H301<br>H334<br>H317<br>H335<br>H315<br>H318 | GHS02<br>GHS06<br>GHS05<br>GHS08<br>Dgr | H225<br>H361d***<br>H330<br>H311<br>H301<br>H334<br>H317<br>H335<br>H315<br>H318 |   |   |          |
| 615-004-00-3   | salts of thiocyanic acid, with the exception of those specified elsewhere in this Annex  | —  | —  | Acute Tox. 4 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Aquatic Chronic 3  | H332<br>H312<br>H302<br>H412   | GHS07<br>Wng                            | H332<br>H312<br>H302<br>H412   | EUH032                                      |   | A        |
| 615-005-00-9   | 4,4'-methylenediphenyl diisocyanate;<br>diphenylmethane-4,4'-diisocyanate; [1]<br>2,2'-methylenediphenyl diisocyanate;<br>diphenylmethane-2,2'-diisocyanate; [2]<br>o-(p-isocyanatobenzyl)phenyl isocyanate;<br>diphenylmethane-2,4'-diisocyanate; [3]<br>methylenediphenyl diisocyanate [4] | 202-966-0 [1]<br>219-799-4 [2]<br>227-534-9 [3]<br>247-714-0 [4] | 101-68-8 [1]<br>2536-05-2 [2]<br>5873-54-1 [3]<br>26447-40-5 [4] | Carc. 2<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Eye Irrit. 2<br>STOT SE 3<br>Skin Irrit. 2<br>Resp. Sens. 1<br>Skin Sens. 1                                    | H351<br>H332<br>H373**<br>H319<br>H335<br>H315<br>H334<br>H317                   | GHS08<br>GHS07<br>Dgr                   | H351<br>H332<br>H373**<br>H319<br>H335<br>H315<br>H334<br>H317                   |   | Eye Irrit. 2;<br>H319: C ≥ 5 %<br>Skin Irrit. 2;<br>H315: C ≥ 5 %<br>Resp. Sens. 1;<br>H334: C ≥ 0,1 %<br>STOT SE 3;<br>H335: C ≥ 5 % | C<br>2   |
| 615-022-00-1   | methyl 3-isocyanatosulfonyl-2-thiophene-carboxylate  | 410-550-7  | 79277-18-2   | STOT RE 2 *<br>Resp. Sens. 1<br>Skin Sens. 1   | H373**<br>H334<br>H317   | GHS08<br>Dgr                            | H373**<br>H334<br>H317   | EUH014                                      |   |          |

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|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení          | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení          | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 615-028-00-4   | ethyl 2-(isocyanatosulfonyl)benzoate  | 410-220-2 | 77375-79-2 | Acute Tox. 4 *<br>STOT RE 2 *<br>Eye Dam. 1<br>Resp. Sens. 1<br>Skin Sens. 1               | H302<br>H373**<br>H318<br>H334<br>H317 | GHS05<br>GHS08<br>GHS07<br>Dgr     | H302<br>H373**<br>H318<br>H334<br>H317 | EUH014                                      |  |          |
| 615-030-00-5   | alkali salts and alkali earth salts of thiocyanic acid, with the exception of those specified elsewhere in this Annex | —         | —          | Acute Tox. 4 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Aquatic Chronic 3                    | H332<br>H312<br>H302<br>H412           | GHS07<br>Wng                       | H332<br>H312<br>H302<br>H412           |   |  | A        |
| 615-031-00-0   | thallium thiocyanate  | 222-571-7 | 3535-84-0  | Acute Tox. 2 *<br>Acute Tox. 2 *<br>Acute Tox. 4 *<br>STOT RE 2<br>Aquatic Chronic 2       | H330<br>H300<br>H312<br>H373**<br>H411 | GHS06<br>GHS08<br>GHS09<br>Dgr     | H330<br>H300<br>H312<br>H373**<br>H411 |   |  |          |
| 615-032-00-6   | metal salts of thiocyanic acid, with the exception of those specified elsewhere in this Annex                         | —         | —          | Acute Tox. 4 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H332<br>H312<br>H302<br>H400<br>H410   | GHS07<br>GHS09<br>Wng              | H332<br>H312<br>H302<br>H410           |   |  | A        |
| 616-006-00-7   | dichlofluamid (ISO);<br>N-dichlorofluoromethylthio-N',N'-dimethyl-N-phenylsulfamide                                   | 214-118-7 | 1085-98-9  | Acute Tox. 4 *<br>Eye Irrit. 2<br>Skin Sens. 1<br>Aquatic Acute 1                          | H332<br>H319<br>H317<br>H400           | GHS07<br>GHS09<br>Wng              | H332<br>H319<br>H317<br>H400           |   | M=10                                     |          |
| 616-009-00-3   | propanil (ISO);<br>3',4'-dichloropropionanilide   | 211-914-6 | 709-98-8   | Acute Tox. 4 *<br>Aquatic Acute 1  | H302<br>H400                           | GHS07<br>GHS09<br>Wng              | H302<br>H400                           |   | M=10                                     |          |
| 616-124-00-9   | lithium bis(trifluoromethylsulfonyl)imide   | 415-300-0 | 90076-65-6 | Acute Tox. 3 *<br>Acute Tox. 3 *<br>STOT RE 2 *<br>Skin Corr. 1B<br>Aquatic Chronic 3      | H311<br>H301<br>H373**<br>H314<br>H412 | GHS06<br>GHS05<br>GHS08<br>Dgr     | H311<br>H301<br>H373**<br>H314<br>H412 |   |  |          |
| 617-008-00-0   | dibenzoyl peroxide;<br>benzoyl peroxide   | 202-327-6 | 94-36-0    | Org. Perox. B<br>Eye Irrit. 2<br>Skin Sens. 1  | H214<br>H319<br>H317                   | GHS01<br>GHS02<br>GHS07<br>Dgr     | H214<br>H319<br>H317                   |   |  |          |

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|----------------|--|--|---|--|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |  |   | Trieda nebezpečnosti a kód(y) kategórie          | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 617-010-00-1   | 1-hydroperoxycyclohexyl<br>1-hydroxycyclohexyl peroxide; [1]<br>1,1'-dioxybiscyclohexan-1-ol; [2]<br>cyclohexylidene hydroperoxide; [3]<br>cyclohexanone, peroxide [4]   | 201-091-1 [1]<br>219-306-2 [2]<br>220-279-4 [3]<br>235-527-7 [4] | 78-18-2 [1]<br>2407-94-5 [2]<br>2699-11-8 [3]<br>12262-58-7 [4] | Org. Perox. A<br>Skin Corr. 1B<br>Acute Tox. 4 * | H242<br>H314<br>H302          | GHS01<br>GHS05<br>GHS07<br>Dgr     | H242<br>H314<br>H302          |   | STOT SE 3;<br>H335: C ≥ 5 %              | C        |
| 617-017-00-X   | reaction mass of: 2,2'-bis( <i>tert</i> -pentylperoxy)- <i>p</i> -diisopropylbenzene;<br>2,2'-bis( <i>tert</i> -pentylperoxy)- <i>m</i> -diisopropylbenzene  | 412-140-3  | 32144-25-5  | Org. Perox. D<br>Aquatic Chronic 4               | H242<br>H413                  | GHS02<br>Dgr                       | H242<br>H413                  |   |  | T        |
| 648-002-00-6   | Tar oils, brown-coal;<br>Light Oil;<br>[The distillate from lignite tar boiling in the range of approximately 80 °C to 250 °C (176 °F to 482 °F). Composed primarily of aliphatic and aromatic hydrocarbons and mono-basic phenols.]   | 302-674-4  | 94114-40-6  | Carc. 1B<br>Muta. 1B                             | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-003-00-1   | Benzol forerunnings (coal);<br>Light Oil Redistillate, low boiling;<br>[The distillate from coke oven light oil having an approximate distillation range below 100 °C (212 °F). Composed primarily of C <sub>4</sub> to C <sub>6</sub> aliphatic hydrocarbons.]  | 266-023-5  | 65996-88-5  | Carc. 1B<br>Muta. 1B                             | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-004-00-7   | Distillates (coal tar), benzole fraction, BTX-rich;<br>Light Oil Redistillate, low boiling;<br>[A residue from the distillation of crude benzole to remove benzole fronts. Composed primarily of benzene, toluene and xylenes boiling in the range of approximately 75 °C to 200 °C (167 °F to 392 °F).] | 309-984-9  | 101896-26-8   | Carc. 1B<br>Muta. 1B                             | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-005-00-2   | Aromatic hydrocarbons, C <sub>6-10</sub> , C <sub>8</sub> -rich;<br>Light Oil Redistillate, low boiling  | 292-697-5  | 90989-41-6  | Carc. 1B<br>Muta. 1B                             | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-006-00-8   | Solvent naphtha (coal), light;<br>Light Oil Redistillate, low boiling  | 287-498-5  | 85536-17-0  | Carc. 1B<br>Muta. 1B                             | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-007-00-3   | Solvent naphtha (coal), xylene-styrene cut;<br>Light Oil Redistillate, intermediate boiling  | 287-502-5  | 85536-20-5  | Carc. 1B<br>Muta. 1B                             | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |

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|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-008-00-9   | Solvent naphtha (coal), coumarone-styrene contg.;<br>Light Oil Redistillate, intermediate boiling   | 287-500-4 | 85536-19-2 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-009-00-4   | Naphtha (coal), distn. residues;<br>Light Oil Redistillate, high boiling;<br>[The residue remaining from the distillation of recovered naphtha. Composed primarily of naphthalene and condensation products of indene and styrene.]   | 292-636-2 | 90641-12-6 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-010-00-X   | Aromatic hydrocarbons, C <sub>8</sub> ;<br>Light Oil Redistillate, high boiling   | 292-694-9 | 90989-38-1 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-012-00-0   | Aromatic hydrocarbons, C <sub>8-9</sub> , hydrocarbon resin polymn. by-product;<br>Light Oil Redistillate, high boiling;<br>[A complex combination of hydrocarbons obtained from the evaporation of solvent under vacuum from polymerized hydrocarbon resin. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>8</sub> through C <sub>9</sub> and boiling in the range of approximately 120 °C to 215 °C (248 °F to 419 °F).] | 295-281-1 | 91995-20-9 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-013-00-6   | Aromatic hydrocarbons, C <sub>9-12</sub> , benzene distn.;<br>Light Oil Redistillate, high boiling  | 295-551-9 | 92062-36-7 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-014-00-1   | Extract residues (coal), benzole fraction alk., acid ext.;<br>Light Oil Extract Residues, low boiling;<br>[The redistillate from the distillate, freed of tar acids and tar bases, from bituminous coal high temperature tar boiling in the approximate range of 90 °C to 160 °C (194 °F to 320 °F). It consists predominantly of benzene, toluene and xylenes.]  | 295-323-9 | 91995-61-8 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |

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|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-015-00-7   | Extract residues (coal tar), benzole fraction alk., acid ext.;<br>Light Oil Extract Residues, low boiling;<br>[A complex combination of hydrocarbons obtained by the redistillation of the distillate of high temperature coal tar (tar acid and tar base free). It consists predominantly of unsubstituted and substituted mononuclear aromatic hydrocarbons boiling in the range of 85 °C to 195 °C (185 °F to 383 °F).] | 309-868-8 | 101316-63-6 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-016-00-2   | Extract residues (coal), benzole fraction acid;<br>Light Oil Extract Residues, low boiling;<br>[An acid sludge by-product of the sulfuric acid refining of crude high temperature coal. Composed primarily of sulfuric acid and organic compounds.]  | 298-725-2 | 93821-38-6  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-017-00-8   | Extract residues (coal), light oil alk., distn. overheads;<br>Light Oil Extract Residues, low boiling;<br>[The first fraction from the distillation of aromatic hydrocarbons, coumarone, naphthalene and indene rich prefractionator bottoms or washed carbolic oil boiling substantially below 145 °C (293 °F). Composed primarily of C <sub>7</sub> and C <sub>8</sub> aliphatic and aromatic hydrocarbons.]             | 292-625-2 | 90641-02-4  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-018-00-3   | Extract residues (coal), light oil alk., acid ext., indene fraction;<br>Light Oil Extract Residues, intermediate boiling   | 309-867-2 | 101316-62-5 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-019-00-9   | Extract residues (coal), light oil alk., indene naphtha fraction;<br>Light Oil Extract Residues, high boiling;<br>[The distillate from aromatic hydrocarbons, coumarone, naphthalene and indene rich prefractionator bottoms or washed carbolic oils, having an approximate boiling range of 155 °C to 180 °C (311 °F to 356 °F). Composed primarily of indene, indan and trimethylbenzenes.]                              | 292-626-8 | 90641-03-5  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |

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|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-020-00-4   | Solvent naphtha (coal);<br>Light Oil Extract Residues, high boiling;<br>[The distillate from either high temperature coal tar, coke oven light oil, or coal tar oil alkaline extract residue having an approximate distillation range of 130 °C to 210 °C (266 °F to 410 °F). Composed primarily of indene and other polycyclic ring systems containing a single aromatic ring. May contain phenolic compounds and aromatic nitrogen bases.] | 266-013-0 | 65996-79-4  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-021-00-X   | Distillates (coal tar), light oils, neutral fraction;<br>Light Oil Extract Residues, high boiling;<br>[A distillate from the fractional distillation of high temperature coal tar. Composed primarily of alkyl-substituted one ring aromatic hydrocarbons boiling in the range of approximately 135 °C to 210 °C (275 °F to 410 °F). May also include unsaturated hydrocarbons such as indene and coumarone.]                                | 309-971-8 | 101794-90-5 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-022-00-5   | Distillates (coal tar), light oils, acid exts.; Light Oil Extract Residues, high boiling;<br>[This oil is a complex reaction mass of aromatic hydrocarbons, primarily indene, naphthalene, coumarone, phenol, and <i>o</i> -, <i>m</i> - and <i>p</i> -cresol and boiling in the range of 140 °C to 215 °C (284 °F to 419 °F).]  | 292-609-5 | 90640-87-2  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-023-00-0   | Distillates (coal tar), light oils; Carbolic Oil;<br>[A complex combination of hydrocarbons obtained by distillation of coal tar. It consists of aromatic and other hydrocarbons, phenolic compounds and aromatic nitrogen compounds and distills at the approximate range of 150 °C to 210 °C (302 °F to 410 °F).]  | 283-483-2 | 84650-03-3  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-024-00-6   | Tar oils, coal;<br>Carbolic Oil;<br>[The distillate from high temperature coal tar having an approximate distillation range of 130 °C to 250 °C (266 °F to 410 °F). Composed primarily of naphthalene, alkylnaphthalenes, phenolic compounds, and aromatic nitrogen bases.]  | 266-016-7 | 65996-82-9  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |

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|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-026-00-7   | Extract residues (coal), light oil alk., acid ext.;<br>Carbolic Oil Extract Residue;<br>[The oil resulting from the acid washing of alkali-washed carbolic oil to remove the minor amounts of basic compounds (tar bases). Composed primarily of indene, indan and alkylbenzenes.]  | 292-624-7 | 90641-01-3 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-027-00-2   | Extract residues (coal), tar oil alk.;<br>Carbolic Oil Extract Residue;<br>[The residue obtained from coal tar oil by an alkaline wash such as aqueous sodium hydroxide after the removal of crude coal tar acids. Composed primarily of naphthalenes and aromatic nitrogen bases.]   | 266-021-4 | 65996-87-4 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-028-00-8   | Extract oils (coal), light oil;<br>Acid Extract;<br>[The aqueous extract produced by an acidic wash of alkali-washed carbolic oil. Composed primarily of acid salts of various aromatic nitrogen bases including pyridine, quinoline and their alkyl derivatives.]  | 292-622-6 | 90640-99-6 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-029-00-3   | Pyridine, alkyl derivs.;<br>Crude Tar Bases;<br>[The complex combination of polyalkylated pyridines derived from coal tar distillation or as high-boiling distillates approximately above 150 °C (302 °F) from the reaction of ammonia with acetaldehyde, formaldehyde or paraformaldehyde.]  | 269-929-9 | 68391-11-7 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-030-00-9   | Tar bases, coal, picoline fraction;<br>Distillate Bases;<br>[Pyridine bases boiling in the range of approximately 125 °C to 160 °C (257 °F 320 °F) obtained by distillation of neutralized acid extract of the base-containing tar fraction obtained by the distillation of bituminous coal tars. Composed chiefly of lutidines and picolines.] | 295-548-2 | 92062-33-4 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-031-00-4   | Tar bases, coal, lutidine fraction;<br>Distillate Bases   | 293-766-2 | 91082-52-9 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |



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|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-032-00-X   | Extract oils (coal), tar base, collidine fraction; Distillate Bases;<br>[The extract produced by the acidic extraction of bases from crude coal tar aromatic oils, neutralization, and distillation of the bases. Composed primarily of collidines, aniline, toluidines, lutidines, xyloidines.]   | 273-077-3 | 68937-63-3 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-033-00-5   | Tar bases, coal, collidine fraction; Distillate Bases;<br>[The distillation fraction boiling in the range of approximately 181 °C to 186 °C (356 °F to 367 °F) from the crude bases obtained from the neutralized, acid-extracted base-containing tar fractions obtained by the distillation of bituminous coal tar. It contains chiefly aniline and collidines.]  | 295-543-5 | 92062-28-7 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-034-00-0   | Tar bases, coal, aniline fraction; Distillate Bases;<br>[The distillation fraction boiling in the range of approximately 180 °C to 200 °C (356 °F to 392 °F) from the crude bases obtained by dephenolating and debasing the carbolated oil from the distillation of coal tar. It contains chiefly aniline, collidines, lutidines and toluidines.]   | 295-541-4 | 92062-27-6 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-035-00-6   | Tar bases, coal, toluidine fraction; Distillate Bases  | 293-767-8 | 91082-53-0 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-036-00-1   | Distillates (petroleum), alkene-alkyne manuf. pyrolysis oil, mixed with high-temp. coal tar, indene fraction;<br>Redistillates;<br>[A complex combination of hydrocarbons obtained as a redistillate from the fractional distillation of bituminous coal high temperature tar and residual oils that are obtained by the pyrolytic production of alkenes and alkynes from petroleum products or natural gas. It consists predominantly of indene and boils in a range of approximately 160 °C to 190 °C (320 °F to 374 °F).] | 295-292-1 | 91995-31-2 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |

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|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-037-00-7   | Distillates (coal), coal tar-residual pyrolysis oils, naphthalene oils;<br>Redistillates;<br>[The redistillate obtained from the fractional distillation of bituminous coal high temperature tar and pyrolysis residual oils and boiling in the range of approximately 190 °C to 270 °C (374 °F to 518 °F). Composed primarily of substituted dinuclear aromatics.]  | 295-295-8 | 91995-35-6  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-038-00-2   | Extract oils (coal), coal tar-residual pyrolysis oils, naphthalene oil, redistillate;<br>Redistillates;<br>[The redistillate from the fractional distillation of dephenolated and debased methylnaphthalene oil obtained from bituminous coal high temperature tar and pyrolysis residual oils boiling in the approximate range of 220 °C to 230 °C (428 °F to 446 °F). It consists predominantly of unsubstituted and substituted dinuclear aromatic hydrocarbons.] | 295-329-1 | 91995-66-3  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-039-00-8   | Extract oils (coal), coal tar-residual pyrolysis oils, naphthalene oils;<br>Redistillates;<br>[A neutral oil obtained by debasing and dephenolating the oil obtained from the distillation of high temperature tar and pyrolysis residual oils which has a boiling range of 225 °C to 255 °C (437 °F to 491 °F). Composed primarily of substituted dinuclear aromatic hydrocarbons.]   | 310-170-0 | 122070-79-5 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-040-00-3   | Extract oils (coal), coal tar residual pyrolysis oils, naphthalene oil, distn. residues;<br>Redistillates;<br>[Residue from the distillation of dephenolated and debased methylnaphthalene oil (from bituminous coal tar and pyrolysis residual oils) with a boiling range of 240 °C to 260 °C (464 °F to 500 °F). Composed primarily of substituted dinuclear aromatic and heterocyclic hydrocarbons.]  | 310-171-6 | 122070-80-8 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |

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|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-043-00-X   | Creosote oil, acenaphthene fraction, acenaphthene-free;<br>Wash Oil Redistillate;<br>[The oil remaining after removal by a crystallization process of acenaphthene from acenaphthene oil from coal tar. Composed primarily of naphthalene and alkylnaphthalenes.]   | 292-606-9 | 90640-85-0 | Carc. 1B                                | H350                          | GHS08<br>Dgr                       | H350                          |   |  | H M      |
| 648-080-00-1   | Residues (coal tar), creosote oil distn.;<br>Wash Oil Redistillate;<br>[The residue from the fractional distillation of wash oil boiling in the approximate range of 270 °C to 330 °C (518 °F to 626 °F). It consists predominantly of dinuclear aromatic and heterocyclic hydrocarbons.]   | 295-506-3 | 92061-93-3 | Carc. 1B                                | H350                          | GHS08<br>Dgr                       | H350                          |   |  | H M      |
| 648-084-00-3   | Distillates (coal), coke-oven light oil, naphthalene cut;<br>Naphthalene Oil;<br>[The complex combination of hydrocarbons obtained from prefractionation (continuous distillation) of coke oven light oil. It consists predominantly of naphthalene, coumarone and indene and boils above 148 °C (298 °F).]                                   | 285-076-5 | 85029-51-2 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-085-00-9   | Distillates (coal tar), naphthalene oils;<br>Naphthalene Oil;<br>[A complex combination of hydrocarbons obtained by the distillation of coal tar. It consists primarily of aromatic and other hydrocarbons, phenolic compounds and aromatic nitrogen compounds and distills in the approximate range of 200 °C to 250 °C (392 °F to 482 °F).] | 283-484-8 | 84650-04-4 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-086-00-4   | Distillates (coal tar), naphthalene oils, naphthalene-low;<br>Naphthalene Oil Redistillate;<br>[A complex combination of hydrocarbons obtained by crystallization of naphthalene oil. Composed primarily of naphthalene, alkyl naphthalenes and phenolic compounds.]  | 284-898-1 | 84989-09-3 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |

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|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-087-00-X   | Distillates (coal tar), naphthalene oil crystn. mother liquor;<br>Naphthalene Oil Redistillate;<br>[A complex combination of organic compounds obtained as a filtrate from the crystallization of the naphthalene fraction from coal tar and boiling in the range of approximately 200 °C to 230 °C (392 °F to 446 °F). Contains chiefly naphthalene, thionaphthene and alkyl-naphthalenes.] | 295-310-8 | 91995-49-2  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-088-00-5   | Extract residues (coal), naphthalene oil, alk.;<br>Naphthalene Oil Extract Residue;<br>[A complex combination of hydrocarbons obtained from the alkali washing of naphthalene oil to remove phenolic compounds (tar acids). It is composed of naphthalene and alkyl naphthalenes.]   | 310-166-9 | 121620-47-1 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-089-00-0   | Extract residues (coal), naphthalene oil, alk., naphthalene-low;<br>Naphthalene Oil Extract Residue;<br>[A complex combination of hydrocarbons remaining after the removal of naphthalene from alkali-washed naphthalene oil by a crystallization process. It is composed primarily of naphthalene and alkyl naphthalenes.]  | 310-167-4 | 121620-48-2 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-090-00-6   | Distillates (coal tar), naphthalene oils, naphthalene-free, alk. exts.;<br>Naphthalene Oil Extract Residue;<br>[The oil remaining after the removal of phenolic compounds (tar acids) from drained naphthalene oil by an alkali wash. Composed primarily of naphthalene and alkyl naphthalenes.]   | 292-612-1 | 90640-90-7  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |

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|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-091-00-1   | Extract residues (coal), naphthalene oil alk., distn. overheads;<br>Naphthalene Oil Extract Residue;<br>[The distillate from alkali-washed naphthalene oil having an approximate distillation range of 180 °C to 220 °C (356 °F to 428 °F). Composed primarily of naphthalene, alkylbenzenes, indene and indan.]   | 292-627-3 | 90641-04-6  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-092-00-7   | Distillates (coal tar), naphthalene oils, methyl-naphthalene fraction;<br>Methylnaphthalene Oil;<br>[A distillate from the fractional distillation of high temperature coal tar. Composed primarily of substituted two ring aromatic hydrocarbons and aromatic nitrogen bases boiling in the range of approximately 225 °C to 255 °C (437 °F to 491 °F).]  | 309-985-4 | 101896-27-9 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-093-00-2   | Distillates (coal tar), naphthalene oils, indole-methylnaphthalene fraction;<br>Methylnaphthalene Oil;<br>[A distillate from the fractional distillation of high temperature coal tar. Composed primarily of indole and methylnaphthalene boiling in the range of approximately 235 °C to 255 °C (455 °F to 491 °F).]  | 309-972-3 | 101794-91-6 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-094-00-8   | Distillates (coal tar), naphthalene oils, acid exts.;<br>Methylnaphthalene Oil Extract Residue;<br>[A complex combination of hydrocarbons obtained by debasing the methylnaphthalene fraction obtained by the distillation of coal tar and boiling in the range of approximately 230 °C to 255 °C (446 °F to 491 °F). Contains chiefly 1(2)-methylnaphthalene, naphthalene, dimethylnaphthalene and biphenyl.] | 295-309-2 | 91995-48-1  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |

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|----------------|---|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-095-00-3   | Extract residues (coal), naphthalene oil alk., distn. residues;<br>Methylnaphthalene Oil Extract Residue;<br>[The residue from the distillation of alkali-washed naphthalene oil having an approximate distillation range of 220 °C to 300 °C (428 °F to 572 °F). Composed primarily of naphthalene, alkylnaphthalenes and aromatic nitrogen bases.]  | 292-628-9 | 90641-05-7  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-096-00-9   | Extract oils (coal), acidic, tar-base free;<br>Methylnaphthalene Oil Extract Residue;<br>[The extract oil boiling in the range of approximately 220 °C to 265 °C (428 °F to 509 °F) from coal tar alkaline extract residue produced by an acidic wash such as aqueous sulfuric acid after distillation to remove tar bases. Composed primarily of alkylnaphthalenes.]   | 284-901-6 | 84989-12-8  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-097-00-4   | Distillates (coal tar), benzole fraction, distn. residues;<br>Wash Oil;<br>[A complex combination of hydrocarbons obtained from the distillation of crude benzole (high temperature coal tar). It may be a liquid with the approximate distillation range of 150 °C to 300 °C (302 °F to 572 °F) or a semi-solid or solid with a melting point up to 70 °C (158 °F). It is composed primarily of naphthalene and alkyl naphthalenes.] | 310-165-3 | 121620-46-0 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-098-00-X   | Creosote oil, acenaphthene fraction;<br>Wash Oil;<br>[A complex combination of hydrocarbons produced by the distillation of coal tar and boiling in the range of approximately 240 °C to 280 °C (464 °F to 536 °F). Composed primarily of acenaphthene, naphthalene and alkyl naphthalene.]   | 292-605-3 | 90640-84-9  | Carc. 1B                                | H350                          | GHS08<br>Dgr                       | H350                          |   |  | H M      |

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|----------------|---|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-099-00-5   | Creosote oil;<br>[A complex combination of hydrocarbons obtained by the distillation of coal tar. It consists primarily of aromatic hydrocarbons and may contain appreciable quantities of tar acids and tar bases. It distills at the approximate range of 200 °C to 325 °C (392 °F to 617 °F).]   | 263-047-8 | 61789-28-4  | Carc. 1B                                | H350                          | GHS08<br>Dgr                       | H350                          |   |  | H M      |
| 648-100-00-9   | Creosote oil, high-boiling distillate;<br>Wash Oil;<br>[The high-boiling distillation fraction obtained from the high temperature carbonization of bituminous coal which is further refined to remove excess crystalline salts. It consists primarily of creosote oil with some of the normal polynuclear aromatic salts, which are components of coal tar distillates, removed. It is crystal free at approximately 5 °C (41 °F).] | 274-565-9 | 70321-79-8  | Carc. 1B                                | H350                          | GHS08<br>Dgr                       | H350                          |   |  | H M      |
| 648-102-00-X   | Extract residues (coal), creosote oil acid;<br>Wash Oil Extract Residue;<br>[A complex combination of hydrocarbons from the base-freed fraction from the distillation of coal tar, boiling in the range of approximately 250 °C to 280 °C (482 °F to 536 °F). It consists predominantly of biphenyl and isomeric diphenylnaphthalenes.]   | 310-189-4 | 122384-77-4 | Carc. 1B                                | H350                          | GHS08<br>Dgr                       | H350                          |   |  | H M      |
| 648-103-00-5   | Anthracene oil, anthracene paste;<br>Anthracene Oil Fraction;<br>[The anthracene-rich solid obtained by the crystallization and centrifuging of anthracene oil. It is composed primarily of anthracene, carbazole and phenanthrene.]  | 292-603-2 | 90640-81-6  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-104-00-0   | Anthracene oil, anthracene-low;<br>Anthracene Oil Fraction;<br>[The oil remaining after the removal, by a crystallization process, of an anthracene-rich solid (anthracene paste) from anthracene oil. It is composed primarily of two, three and four membered aromatic compounds.]  | 292-604-8 | 90640-82-7  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |

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|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-105-00-6   | Residues (coal tar), anthracene oil distn.; Anthracene Oil Fraction;<br>[The residue from the fraction distillation of crude anthracene boiling in the approximate range of 340 °C to 400 °C (644 °F to 752 °F). It consists predominantly of tri- and polynuclear aromatic and heterocyclic hydrocarbons.]   | 295-505-8 | 92061-92-2 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-106-00-1   | Anthracene oil, anthracene paste, anthracene fraction;<br>Anthracene Oil Fraction;<br>[A complex combination of hydrocarbons from the distillation of anthracene obtained by the crystallization of anthracene oil from bituminous high temperature tar and boiling in the range of 330 °C to 350 °C (626 °F to 662 °F). It contains chiefly anthracene, carbazole and phenanthrene.]                 | 295-275-9 | 91995-15-2 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-107-00-7   | Anthracene oil, anthracene paste, carbazole fraction;<br>Anthracene Oil Fraction;<br>[A complex combination of hydrocarbons from the distillation of anthracene obtained by crystallization of anthracene oil from bituminous coal high temperature tar and boiling in the approximate range of 350 °C to 360 °C (662 °F to 680 °F). It contains chiefly anthracene, carbazole and phenanthrene.]     | 295-276-4 | 91995-16-3 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-108-00-2   | Anthracene oil, anthracene paste, distn. lights;<br>Anthracene Oil Fraction;<br>[A complex combination of hydrocarbons from the distillation of anthracene obtained by crystallization of anthracene oil from bituminous high temperature tar and boiling in the range of approximately 290 °C to 340 °C (554 °F to 644 °F). It contains chiefly trinuclear aromatics and their dihydro derivatives.] | 295-278-5 | 91995-17-4 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |



| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.      | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-faktory | Poznámky |
|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-109-00-8   | Tar oils, coal, low-temp.;<br>Tar Oil, high boiling;<br>[A distillate from low-temperature coal tar. Composed primarily of hydrocarbons, phenolic compounds and aromatic nitrogen bases boiling in the range of approximately 160 °C to 340 °C (320 °F to 644 °F).]  | 309-889-2 | 101316-87-4 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-110-00-3   | Extract residues (coal), low temp. coal atar alk.;<br>[The residue from low temperature coal tar oils after an alkaline wash, such as aqueous sodium hydroxide, to remove crude coal tar acids. Composed primarily of hydrocarbons and aromatic nitrogen bases.]   | 310-191-5 | 122384-78-5 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-111-00-9   | Phenols, ammonia liquor ext.;<br>Alkaline Extract;<br>[The combination of phenols extracted, using isobutyl acetate, from the ammonia liquor condensed from the gas evolved in low-temperature (less than 700 °C (1 292 °F)) destructive distillation of coal. It consists predominantly of a reaction mass of monohydric and dihydric phenols.] | 284-881-9 | 84988-93-2  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-112-00-4   | Distillates (coal tar), light oils, alk. exts.;<br>Alkaline Extract;<br>[The aqueous extract from carbolic oil produced by an alkaline wash such as aqueous sodium hydroxide. Composed primarily of the alkali salts of various phenolic compounds.]   | 292-610-0 | 90640-88-3  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-113-00-X   | Extracts, coal tar oil alk.;<br>Alkaline Extract;<br>[The extract from coal tar oil produced by an alkaline wash such as aqueous sodium hydroxide. Composed primarily of the alkali salts of various phenolic compounds.]  | 266-017-2 | 65996-83-0  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.      | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-faktory | Poznámky |
|----------------|---|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-114-00-5   | Distillates (coal tar), naphthalene oils, alk. exts.;<br>Alkaline Extract;<br>[The aqueous extract from naphthalene oil produced by an alkaline wash such as aqueous sodium hydroxide. Composed primarily of the alkali salts of various phenolic compounds.]   | 292-611-6 | 90640-89-4  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-115-00-0   | Extract residues (coal), tar oil alk., carbonated, limed;<br>Crude Phenols;<br>[The product obtained by treatment of coal tar oil alkaline extract with CO <sub>2</sub> and CaO. Composed primarily of CaCO <sub>3</sub> , Ca(OH) <sub>2</sub> , Na <sub>2</sub> CO <sub>3</sub> and other organic and inorganic impurities.] | 292-629-4 | 90641-06-8  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-116-00-6   | Tar acids, coal, crude;<br>Crude Phenols;<br>[The reaction product obtained by neutralizing coal tar oil alkaline extract with an acidic solution, such as aqueous sulfuric acid, or gaseous carbon dioxide, to obtain the free acids. Composed primarily of tar acids such as phenol, cresols, and xylenols.]                | 266-019-3 | 65996-85-2  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-117-00-1   | Tar acids, brown-coal, crude;<br>Crude Phenols;<br>[An acidified alkaline extract of brown coal tar distillate. Composed primarily of phenol and phenol homologs.]  | 309-888-7 | 101316-86-3 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-118-00-7   | Tar acids, brown-coal gasification;<br>Crude Phenols;<br>[A complex combination of organic compounds obtained from brown coal gasification. Composed primarily of C <sub>6-10</sub> hydroxy aromatic phenols and their homologs.]   | 295-536-7 | 92062-22-1  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-faktory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-119-00-2   | Tar acids, distn. residues;<br>Distillate Phenols;<br>[A residue from the distillation of crude phenol from coal. It consists predominantly of phenols having carbon numbers in the range of C <sub>8</sub> through C <sub>10</sub> with a softening point of 60 °C to 80 °C (140 °F to 176 °F).] | 306-251-5 | 96690-55-0 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-120-00-8   | Tar acids, methylphenol fraction;<br>Distillate Phenols;<br>[The fraction of tar acid rich in 3- and 4-methylphenol, recovered by distillation of low-temperature coal tar crude tar acids.]  | 284-892-9 | 84989-04-8 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-121-00-3   | Tar acids, polyalkylphenol fraction;<br>Distillate Phenols;<br>[The fraction of tar acids, recovered by distillation of low-temperature coal tar crude tar acids, having an approximate boiling range of 225 °C to 320 °C (437 °F to 608 °F). Composed primarily of polyalkylphenols.]            | 284-893-4 | 84989-05-9 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-122-00-9   | Tar acids, xylenol fraction;<br>Distillate Phenols;<br>[The fraction of tar acids, rich in 2,4- and 2,5-dimethylphenol, recovered by distillation of low-temperature coal tar crude tar acids.]   | 284-895-5 | 84989-06-0 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-123-00-4   | Tar acids, ethylphenol fraction;<br>Distillate Phenols;<br>[The fraction of tar acids, rich in 3- and 4-ethylphenol, recovered by distillation of low-temperature coal tar crude tar acids.]  | 284-891-3 | 84989-03-7 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-124-00-X   | Tar acids, 3,5-xylenol fraction;<br>Distillate Phenols;<br>[The fraction of tar acids, rich in 3,5-dimethylphenol, recovered by distillation of low-temperature coal tar acids.]  | 284-896-0 | 84989-07-1 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-125-00-5   | Tar acids, residues, distillates, first-cut;<br>Distillate Phenols;<br>[The residue from the distillation in the range of 235 °C to 355 °C (481 °F to 697 °F) of light carbolic oil.]   | 270-713-1 | 68477-23-6 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-126-00-0   | Tar acids, cresylic, residues;<br>Distillate Phenols;<br>[The residue from crude coal tar acids after removal of phenol, cresols, xylenols and any higher boiling phenols. A black solid with a melting point approximately 80 °C (176 °F). Composed primarily of polyalkylphenols, resin gums, and inorganic salts.]                           | 271-418-0 | 68555-24-8 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-127-00-6   | Phenols, C <sub>9-11</sub> ;<br>Distillate Phenols  | 293-435-2 | 91079-47-9 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-128-00-1   | Tar acids, cresylic;<br>Distillate Phenols;<br>[A complex combination of organic compounds obtained from brown coal and boiling in the range of approximately 200 °C to 230 °C (392 °F to 446 °F). It contains chiefly phenols and pyridine bases.]   | 295-540-9 | 92062-26-5 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-129-00-7   | Tar acids, brown-coal, C <sub>2</sub> -alkylphenol fraction;<br>Distillate Phenols;<br>[The distillate from the acidification of alkaline washed lignite tar distillate boiling in the range of approximately 200 °C to 230 °C (392 °F to 446 °F). Composed primarily of <i>m</i> - and <i>p</i> -ethylphenol as well as cresols and xylenols.] | 302-662-9 | 94114-29-1 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-130-00-2   | Extract oils (coal), naphthalene oils;<br>Acid Extract;<br>[The aqueous extract produced by an acidic wash of alkali-washed naphthalene oil. Composed primarily of acid salts of various aromatic nitrogen bases including pyridine, quinoline and their alkyl derivatives.]  | 292-623-1 | 90641-00-2 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-131-00-8   | Tar bases, quinoline derivs.;<br>Distillate Bases   | 271-020-7 | 68513-87-1 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.      | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-132-00-3   | Tar bases, coal, quinoline derivs. fraction;<br>Distillate Bases   | 274-560-1 | 70321-67-4  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-133-00-9   | Tar bases, coal, distn. residues;<br>Distillate Bases;<br>[The distillation residue remaining after the distillation of the neutralized, acid-extracted base-containing tar fractions obtained by the distillation of coal tars. It contains chiefly aniline, collidines, quinoline and quinoline derivatives and toluidines.]   | 295-544-0 | 92062-29-8  | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-134-00-4   | Hydrocarbon oils, arom., mixed with polyethylene and polypropylene, pyrolyzed, light oil fraction;<br>Heat Treatment Products;<br>[The oil obtained from the heat treatment of a polyethylene/polypropylene reaction mass with coal tar pitch or aromatic oils. It consists predominantly of benzene and its homologs boiling in a range of approximately 70 °C to 120 °C (158 °F to 248 °F).] | 309-745-9 | 100801-63-6 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-135-00-X   | Hydrocarbon oils, arom., mixed with polyethylene, pyrolyzed, light oil fraction;<br>Heat Treatment Products;<br>[The oil obtained from the heat treatment of polyethylene with coal tar pitch or aromatic oils. It consists predominantly of benzene and its homologs boiling in a range of 70 °C to 120 °C (158 °F to 248 °F).]   | 309-748-5 | 100801-65-8 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-136-00-5   | Hydrocarbon oils, arom., mixed with polystyrene, pyrolyzed, light oil fraction;<br>Heat Treatment Products;<br>[The oil obtained from the heat treatment of polystyrene with coal tar pitch or aromatic oils. It consists predominantly of benzene and its homologs boiling in a range of approximately 70 °C to 210 °C (158 °F to 410 °F).]   | 309-749-0 | 100801-66-9 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |

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|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-137-00-0   | Extract residues (coal), tar oil alk., naphthalene distn. residues;<br>Naphthalene Oil Extract Residue;<br>[The residue obtained from chemical oil extracted after the removal of naphthalene by distillation composed primarily of two to four membered condensed ring aromatic hydrocarbons and aromatic nitrogen bases.]   | 277-567-8 | 73665-18-6 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-138-00-6   | Creosote oil, low-boiling distillate;<br>Wash Oil;<br>[The low-boiling distillation fraction obtained from the high temperature carbonization of bituminous coal, which is further refined to remove excess crystalline salts. It consists primarily of creosote oil with some of the normal polynuclear aromatic salts, which are components of coal tar distillate, removed. It is crystal free at approximately 38 °C (100 °F).] | 274-566-4 | 70321-80-1 | Carc. 1B                                | H350                          | GHS08<br>Dgr                       | H350                          |   |  | H M      |
| 648-139-00-1   | Tar acids, cresylic, sodium salts, caustic solns.;<br>Alkaline Extract  | 272-361-4 | 68815-21-4 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-140-00-7   | Extract oils (coal), tar base;<br>Acid Extract;<br>[The extract from coal tar oil alkaline extract residue produced by an acidic wash such as aqueous sulfuric acid after distillation to remove naphthalene. Composed primarily of the acid salts of various aromatic nitrogen bases including pyridine, quinoline, and their alkyl derivatives.]  | 266-020-9 | 65996-86-3 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |
| 648-141-00-2   | Tar bases, coal, crude;<br>Crude Tar Bases;<br>[The reaction product obtained by neutralizing coal tar base extract oil with an alkaline solution, such as aqueous sodium hydroxide, to obtain the free bases. Composed primarily of such organic bases as acridine, phenanthridine, pyridine, quinoline and their alkyl derivatives.]  | 266-018-8 | 65996-84-1 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | HJM      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-faktory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-147-00-5   | Light oil (coal), coke-oven;<br>Crude benzole;<br>[The volatile organic liquid extracted from the gas evolved in the high temperature (greater than 700 °C (1 292 °F)) destructive distillation of coal. Composed primarily of benzene, toluene, and xylenes. May contain other minor hydrocarbon constituents.]   | 266-012-5 | 65996-78-3 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-148-00-0   | Distillates (coal), liq. solvent extn., primary;<br>[The liquid product of condensation of vapors emitted during the digestion of coal in a liquid solvent and boiling in the range of approximately 30 °C to 300 °C (86 °F to 572 °F). Composed primarily of partly hydrogenated condensed-ring aromatic hydrocarbons, aromatic compounds containing nitrogen, oxygen and sulfur, and their alkyl derivatives having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>14</sub> .]   | 302-688-0 | 94114-52-0 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-149-00-6   | Distillates (coal), solvent extn., hydrocracked;<br>[Distillate obtained by hydrocracking of coal extract or solution produced by the liquid solvent extraction or supercritical gas extraction processes and boiling in the range of approximately 30 °C to 300 °C (86 °F to 572 °F). Composed primarily of aromatic, hydrogenated aromatic and naphthenic compounds, their alkyl derivatives and alkanes with carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>14</sub> . Nitrogen, sulfur and oxygen-containing aromatic and hydrogenated aromatic compounds are also present.] | 302-689-6 | 94114-53-1 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |

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|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-150-00-1   | Naphtha (coal), solvent extn., hydrocracked;<br>[Fraction of the distillate obtained by hydrocracking of coal extract or solution produced by the liquid solvent extraction or supercritical gas extraction processes and boiling in the range of approximately 30 °C to 180 °C (86 °F to 356 °F). Composed primarily of aromatic, hydrogenated aromatic and naphthenic compounds, their alkyl derivatives and alkanes with carbon numbers predominantly in the range of C <sub>4</sub> to C <sub>9</sub> . Nitrogen, sulfur and oxygen-containing aromatic and hydrogenated aromatic compounds are also present.] | 302-690-1 | 94114-54-2 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-152-00-2   | Distillates (coal), solvent extn., hydrocracked middle;<br>[Distillate obtained from the hydrocracking of coal extract or solution produced by the liquid solvent extraction or supercritical gas extraction processes and boiling in the range of approximately 180 °C to 300 °C (356 °F to 572 °F). Composed primarily of two-ring aromatic, hydrogenated aromatic and naphthenic compounds, their alkyl derivatives and alkanes having carbon numbers predominantly in the range of C <sub>9</sub> through C <sub>14</sub> . Nitrogen, sulfur and oxygen-containing compounds are also present.]                | 302-692-2 | 94114-56-4 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 648-153-00-8   | Distillates (coal), solvent extn., hydrocracked hydrogenated middle;<br>[Distillate from the hydrogenation of hydrocracked middle distillate from coal extract or solution produced by the liquid solvent extraction or supercritical gas extraction processes and boiling in the range of approximately 180 °C to 280 °C (356 °F to 536 °F). Composed primarily of hydrogenated two-ring carbon compounds and their alkyl derivatives having carbon numbers predominantly in the range of C <sub>9</sub> through C <sub>14</sub> .]   | 302-693-8 | 94114-57-5 | Carc. 1B<br>Muta. 1B                    | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |



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|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 648-156-00-4   | Light oil (coal), semi-coking process;<br>Fresh oil;<br>[The volatile organic liquid condensed from the gas evolved in the low-temperature (less than 700 °C (1 292 °F)) destructive distillation of coal. Composed primarily of C <sub>6-10</sub> hydrocarbons.]  | 292-635-7 | 90641-11-5 | Carc. 1B<br>Muta. 1B                              | H350<br>H340                  | GHS08<br>Dgr                       | H350<br>H340                  |   |  | H J      |
| 649-062-00-6   | Gases (petroleum), catalytic cracked naphtha depropanizer overhead, C <sub>3</sub> -rich acid-free;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from fractionation of catalytic cracked hydrocarbons and treated to remove acidic impurities. It consists of hydrocarbons having carbon numbers in the range of C <sub>2</sub> through C <sub>4</sub> , predominantly C <sub>3</sub> .] | 270-755-0 | 68477-73-6 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-063-00-1   | Gases (petroleum), catalytic cracker;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of the products from a catalytic cracking process. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]   | 270-756-6 | 68477-74-7 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-064-00-7   | Gases (petroleum), catalytic cracker, C <sub>1-5</sub> -rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of products from a catalytic cracking process. It consists of aliphatic hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>6</sub> , predominantly C <sub>1</sub> through C <sub>5</sub> .]                                 | 270-757-1 | 68477-75-8 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

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|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-065-00-2   | Gases (petroleum), catalytic polymd. naphtha stabilizer overhead, C <sub>2-4</sub> -rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the fractionation stabilization of catalytic polymerized naphtha. It consists of aliphatic hydrocarbons having carbon numbers in the range of C <sub>2</sub> through C <sub>6</sub> , predominantly C <sub>2</sub> through C <sub>4</sub> .] | 270-758-7 | 68477-76-9 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-066-00-8   | Gases (petroleum), catalytic reformer, C <sub>1-4</sub> -rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by distillation of products from a catalytic reforming process. It consists of hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>6</sub> , predominantly C <sub>1</sub> through C <sub>4</sub> .]   | 270-760-8 | 68477-79-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-067-00-3   | Gases (petroleum), C <sub>3-5</sub> olefinic-paraffinic alkylation feed;<br>Petroleum gas;<br>[A complex combination of olefinic and paraffinic hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>5</sub> which are used as alkylation feed. Ambient temperatures normally exceed the critical temperature of these combinations.]  | 270-765-5 | 68477-83-8 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-068-00-9   | Gases (petroleum), C <sub>4</sub> -rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by distillation of products from a catalytic fractionation process. It consists of aliphatic hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>5</sub> , predominantly C <sub>4</sub> .]  | 270-767-6 | 68477-85-0 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

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|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-069-00-4   | Gases (petroleum), deethanizer overheads;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced from distillation of the gas and gasoline fractions from the catalytic cracking process. It contains predominantly ethane and ethylene.]   | 270-768-1 | 68477-86-1 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-070-00-X   | Gases (petroleum), deisobutanizer tower overheads;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the atmospheric distillation of a butane-butylene stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>4</sub> .]                             | 270-769-7 | 68477-87-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-071-00-5   | Gases (petroleum), depropanizer dry, propene-rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of products from the gas and gasoline fractions of a catalytic cracking process. It consists predominantly of propylene with some ethane and propane.]  | 270-772-3 | 68477-90-7 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-072-00-0   | Gases (petroleum), depropanizer overheads;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by distillation of products from the gas and gasoline fractions of a catalytic cracking process. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>4</sub> .] | 270-773-9 | 68477-91-8 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-073-00-6   | Gases (petroleum), gas recovery plant depropanizer overheads;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by fractionation of miscellaneous hydrocarbon streams. It consists predominantly of hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>4</sub> , predominantly propane.]           | 270-777-0 | 68477-94-1 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

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|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-074-00-1   | Gases (petroleum), Girbotol unit feed;<br>Petroleum gas;<br>[A complex combination of hydrocarbons that is used as the feed into the Girbatol unit to remove hydrogen sulfide. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>4</sub> .]  | 270-778-6 | 68477-95-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-075-00-7   | Gases (petroleum), isomerized naphtha fractionator, C <sub>4</sub> -rich, hydrogen sulfide-free;<br>Petroleum gas  | 270-782-8 | 68477-99-6 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-076-00-2   | Tail gas (petroleum), catalytic cracked clarified oil and thermal cracked vacuum residue fractionation reflux drum;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from fractionation of catalytic cracked clarified oil and thermal cracked vacuum residue. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]  | 270-802-5 | 68478-21-7 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-077-00-8   | Tail gas (petroleum), catalytic cracked naphtha stabilization absorber;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the stabilization of catalytic cracked naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]   | 270-803-0 | 68478-22-8 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-078-00-3   | Tail gas (petroleum), catalytic cracker, catalytic reformer and hydrodesulfurizer combined fractionator;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the fractionation of products from catalytic cracking, catalytic reforming and hydrodesulfurizing processes treated to remove acidic impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .] | 270-804-6 | 68478-24-0 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

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|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-079-00-9   | Tail gas (petroleum), catalytic reformed naphtha fractionation stabilizer;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the fractionation stabilization of catalytic reformed naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]   | 270-806-7 | 68478-26-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-080-00-4   | Tail gas (petroleum), saturate gas plant mixed stream, C <sub>4</sub> -rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the fractionation stabilization of straight-run naphtha, distillation tail gas and catalytic reformed naphtha stabilizer tail gas. It consists of hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>6</sub> , predominantly butane and isobutane.] | 270-813-5 | 68478-32-0 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-081-00-X   | Tail gas (petroleum), saturate gas recovery plant, C <sub>1,2</sub> -rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from fractionation of distillate tail gas, straight-run naphtha, catalytic reformed naphtha stabilizer tail gas. It consists predominantly of hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>5</sub> , predominantly methane and ethane.]              | 270-814-0 | 68478-33-1 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-082-00-5   | Tail gas (petroleum), vacuum residues thermal cracker;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the thermal cracking of vacuum residues. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]   | 270-815-6 | 68478-34-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

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|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-083-00-0   | Hydrocarbons, C <sub>3-4</sub> -rich, petroleum distillate; Petroleum gas;<br>[A complex combination of hydrocarbons produced by distillation and condensation of crude oil. It consists of hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>5</sub> , predominantly C <sub>3</sub> through C <sub>4</sub> .]  | 270-990-9 | 68512-91-4 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-084-00-6   | Gases (petroleum), full-range straight-run naphtha dehexanizer off; petroleum gas;<br>[A complex combination of hydrocarbons obtained by the fractionation of the full-range straight-run naphtha. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>6</sub> .]  | 271-000-8 | 68513-15-5 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-085-00-1   | Gases (petroleum), hydrocracking depropanizer off, hydrocarbon-rich; Petroleum gas;<br>[A complex combination of hydrocarbon produced by the distillation of products from a hydrocracking process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> . It may also contain small amounts of hydrogen and hydrogen sulfide.] | 271-001-3 | 68513-16-6 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-086-00-7   | Gases (petroleum), light straight-run naphtha stabilizer off; Petroleum gas;<br>[A complex combination of hydrocarbons obtained by the stabilization of light straight-run naphtha. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>6</sub> .]   | 271-002-9 | 68513-17-7 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

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|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-087-00-2   | Residues (petroleum), alkylation splitter, C <sub>4</sub> -rich;<br>Petroleum gas;<br>[A complex residuum from the distillation of streams various refinery operations. It consists of hydrocarbons having carbon numbers in the range of C <sub>4</sub> through C <sub>5</sub> , predominantly butane and boiling in the range of approximately – 11,7 °C to 27,8 °C (11 °F to 82 °F).]  | 271-010-2 | 68513-66-6 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-088-00-8   | Hydrocarbons, C <sub>1-4</sub> ;<br>Petroleum gas;<br>[A complex combination of hydrocarbons provided by thermal cracking and absorber operations and by distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> and boiling in the range of approximately minus 164 °C to minus 0,5 °C (– 263 °F to 31 °F).]                                    | 271-032-2 | 68514-31-8 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-089-00-3   | Hydrocarbons, C <sub>1-4</sub> , sweetened;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by subjecting hydrocarbon gases to a sweetening process to convert mercaptans or to remove acidic impurities. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> and boiling in the range of approximately – 164 °C to – 0,5 °C (– 263 °F to 31 °F).] | 271-038-5 | 68514-36-3 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-090-00-9   | Hydrocarbons, C <sub>1-3</sub> ;<br>Petroleum gas;<br>[A complex combination of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>3</sub> and boiling in the range of approximately minus 164 °C to minus 42 °C (– 263 °F to – 44 °F).]  | 271-259-7 | 68527-16-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-091-00-4   | Hydrocarbons, C <sub>1-4</sub> , deutanizer fraction;<br>Petroleum gas  | 271-261-8 | 68527-19-5 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

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|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-092-00-X   | Gases (petroleum), C <sub>1-5</sub> , wet;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of crude oil and/or the cracking of tower gas oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .] | 271-624-0 | 68602-83-5 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-093-00-5   | Hydrocarbons, C <sub>2-4</sub> ;<br>Petroleum gas   | 271-734-9 | 68606-25-7 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-094-00-0   | Hydrocarbons, C <sub>3</sub> ;<br>Petroleum gas   | 271-735-4 | 68606-26-8 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-095-00-6   | Gases (petroleum), alkylation feed;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the catalytic cracking of gas oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>4</sub> .]   | 271-737-5 | 68606-27-9 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-096-00-1   | Gases (petroleum), depropanizer bottoms fractionation off;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the fractionation of depropanizer bottoms. It consists predominantly of butane, isobutane and butadiene.]  | 271-742-2 | 68606-34-8 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-097-00-7   | Gases (petroleum), refinery blend;<br>Petroleum gas;<br>[A complex combination obtained from various processes. It consists of hydrogen, hydrogen sulfide and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]   | 272-183-7 | 68783-07-3 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |



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|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-098-00-2   | Gases (petroleum), catalytic cracking;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of the products from a catalytic cracking process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>5</sub> .]  | 272-203-4 | 68783-64-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-099-00-8   | Gases (petroleum), C <sub>2-4</sub> , sweetened;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by subjecting a petroleum distillate to a sweetening process to convert mercaptans or to remove acidic impurities. It consists predominantly of saturated and unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>4</sub> and boiling in the range of approximately - 51 °C to - 34 °C (- 60 °F to - 30 °F).] | 272-205-5 | 68783-65-3 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-100-00-1   | Gases (petroleum), crude oil fractionation off;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the fractionation of crude oil. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]   | 272-871-7 | 68918-99-0 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-101-00-7   | Gases (petroleum), dehexanizer off;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by the fractionation of combined naphtha streams. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]  | 272-872-2 | 68919-00-6 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                                      |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-102-00-2   | Gases (petroleum), light straight run gasoline fractionation stabilizer off;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by the fractionation of light straight-run gasoline. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]                    | 272-878-5 | 68919-05-1 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-103-00-8   | Gases (petroleum), naphtha unifier desulfurization stripper off;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by a naphtha unifier desulfurization process and stripped from the naphtha product. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .] | 272-879-0 | 68919-06-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-104-00-3   | Gases (petroleum), straight-run naphtha catalytic reforming off;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by the catalytic reforming of straight-run naphtha and fractionation of the total effluent. It consists of methane, ethane, and propane.]  | 272-882-7 | 68919-09-5 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-105-00-9   | Gases (petroleum), fluidized catalytic cracker splitter overheads;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the fractionation of the charge to the C <sub>3</sub> -C <sub>4</sub> splitter. It consists predominantly of C <sub>3</sub> hydrocarbons.]  | 272-893-7 | 68919-20-0 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-106-00-4   | Gases (petroleum), straight-run stabilizer off;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the fractionation of the liquid from the first tower used in the distillation of crude oil. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]     | 272-883-2 | 68919-10-8 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                                      |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-107-00-X   | Gases (petroleum), catalytic cracked naphtha debutanizer;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from fractionation of catalytic cracked naphtha. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]  | 273-169-3 | 68952-76-1 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-108-00-5   | Tail gas (petroleum), catalytic cracked distillate and naphtha stabilizer;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by the fractionation of catalytic cracked naphtha and distillate. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]  | 273-170-9 | 68952-77-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-109-00-0   | Tail gas (petroleum), thermal-cracked distillate, gas oil and naphtha absorber;<br>petroleum gas;<br>[A complex combination of hydrocarbons obtained from the separation of thermal-cracked distillates, naphtha and gas oil. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]                            | 273-175-6 | 68952-81-8 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-110-00-6   | Tail gas (petroleum), thermal cracked hydrocarbon fractionation stabilizer, petroleum coking;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the fractionation stabilization of thermal cracked hydrocarbons from petroleum coking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .] | 273-176-1 | 68952-82-9 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

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|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-111-00-1   | Gases (petroleum, light steam-cracked, butadiene conc.;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of products from a thermal cracking process. It consists of hydrocarbons having a carbon number predominantly of C <sub>4</sub> .]   | 273-265-5 | 68955-28-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-112-00-7   | Gases (petroleum), straight-run naphtha catalytic reformer stabilizer overhead;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by the catalytic reforming of straight-run naphtha and the fractionation of the total effluent. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>4</sub> .] | 273-270-2 | 68955-34-0 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-113-00-2   | Hydrocarbons, C <sub>4</sub> ;<br>Petroleum gas   | 289-339-5 | 87741-01-3 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-114-00-8   | Alkanes, C <sub>1-4</sub> , C <sub>3</sub> -rich;<br>Petroleum gas  | 292-456-4 | 90622-55-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-115-00-3   | Gases (petroleum), steam-cracker C <sub>3</sub> -rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of products from a steam cracking process. It consists predominantly of propylene with some propane and boils in the range of approximately – 70 °C to 0 °C (– 94 °F to 32 °F).]  | 295-404-9 | 92045-22-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

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|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-116-00-9   | Hydrocarbons, C <sub>4</sub> , steam-cracker distillate; Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of the products of a steam cracking process. It consists predominantly of hydrocarbons having a carbon number of C <sub>4</sub> , predominantly 1-butene and 2-butene, containing also butane and isobutene and boiling in the range of approximately minus 12 °C to 5 °C (10,4 °F to 41 °F).] | 295-405-4 | 92045-23-3 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-117-00-4   | Petroleum gases, liquefied, sweetened, C <sub>4</sub> fraction; Petroleum gas;<br>[A complex combination of hydrocarbons obtained by subjecting a liquified petroleum gas mix to a sweetening process to oxidize mercaptans or to remove acidic impurities. It consists predominantly of C <sub>4</sub> saturated and unsaturated hydrocarbons.]  | 295-463-0 | 92045-80-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKSU     |
| 649-118-00-X   | Hydrocarbons, C <sub>4</sub> , 1,3-butadiene- and isobutene-free; Petroleum gas   | 306-004-1 | 95465-89-7 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-119-00-5   | Raffinates (petroleum), steam-cracked C <sub>4</sub> fraction cuprous ammonium acetate extn., C <sub>3-5</sub> and C <sub>3-5</sub> unsatd., butadiene-free; Petroleum gas  | 307-769-4 | 97722-19-5 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-120-00-0   | Gases (petroleum), amine system feed; Refinery gas;<br>[The feed gas to the amine system for removal of hydrogen sulfide. It consists of hydrogen. Carbon monoxide, carbon dioxide, hydrogen sulfide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> may also be present.]   | 270-746-1 | 68477-65-6 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                                      |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-121-00-6   | Gases (petroleum), benzene unit hydrodesulfurizer off;<br>Refinery gas;<br>[Off gases produced by the benzene unit. It consists primarily of hydrogen. Carbon monoxide and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> , including benzene, may also be present.]  | 270-747-7 | 68477-66-7 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-122-00-1   | Gases (petroleum), benzene unit recycle, hydrogen-rich;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained by recycling the gases of the benzene unit. It consists primarily of hydrogen with various small amounts of carbon monoxide and hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>6</sub> .]   | 270-748-2 | 68477-67-8 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-123-00-7   | Gases (petroleum), blend oil, hydrogen-nitrogen-rich;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained by distillation of a blend oil. It consists primarily of hydrogen and nitrogen with various small amounts of carbon monoxide, carbon dioxide, and aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .] | 270-749-8 | 68477-68-9 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-124-00-2   | Gases (petroleum), catalytic reformed naphtha stripper overheads;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained from stabilization of catalytic reformed naphtha. Its consists of hydrogen and saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]  | 270-759-2 | 68477-77-0 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                                      |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-125-00-8   | Gases (petroleum), C <sub>6-8</sub> catalytic reformer recycle;<br>Refinery gas;<br>[A complex combination of hydrocarbons produced by distillation of products from catalytic reforming of C <sub>6</sub> -C <sub>8</sub> feed and recycled to conserve hydrogen. It consists primarily of hydrogen. It may also contain various small amounts of carbon monoxide, carbon dioxide, nitrogen, and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .] | 270-761-3 | 68477-80-5 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-126-00-3   | Gases (petroleum), C <sub>6-8</sub> catalytic reformer;<br>Refinery gas;<br>[A complex combination of hydrocarbons produced by distillation of products from catalytic reforming of C <sub>6</sub> -C <sub>8</sub> feed. It consists of hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>5</sub> and hydrogen.]   | 270-762-9 | 68477-81-6 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-127-00-9   | Gases (petroleum), C <sub>6-8</sub> catalytic reformer recycle, hydrogen-rich;<br>Refinery gas  | 270-763-4 | 68477-82-7 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-128-00-4   | Gases (petroleum), C <sub>2</sub> -return stream;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained by the extraction of hydrogen from a gas stream which consists primarily of hydrogen with small amounts of nitrogen, carbon monoxide, methane, ethane, and ethylene. It contains predominantly hydrocarbons such as methane, ethane, and ethylene with small amounts of hydrogen, nitrogen and carbon monoxide.]  | 270-766-0 | 68477-84-9 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                                      |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-129-00-X   | Gases (petroleum), dry sour, gas-concn.-unit-off;<br>Refinery gas;<br>[The complex combination of dry gases from a gas concentration unit. It consists of hydrogen, hydrogen sulfide and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>3</sub> .]   | 270-774-4 | 68477-92-9 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-130-00-5   | Gases (petroleum), gas concn. reabsorber distn.;<br>Refinery gas;<br>[A complex combination of hydrocarbons produced by distillation of products from combined gas streams in a gas concentration reabsorber. It consists predominantly of hydrogen, carbon monoxide, carbon dioxide, nitrogen, hydrogen sulfide and hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>3</sub> .] | 270-776-5 | 68477-93-0 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-131-00-0   | Gases (petroleum), hydrogen absorber off;<br>Refinery gas;<br>[A complex combination obtained by absorbing hydrogen from a hydrogen rich stream. It consists of hydrogen, carbon monoxide, nitrogen, and methane with small amounts of C <sub>2</sub> hydrocarbons.]   | 270-779-1 | 68477-96-3 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-132-00-6   | Gases (petroleum), hydrogen-rich;<br>Refinery gas;<br>[A complex combination separated as a gas from hydrocarbon gases by chilling. It consists primarily of hydrogen with various small amounts of carbon monoxide, nitrogen, methane, and C <sub>2</sub> hydrocarbons.]  | 270-780-7 | 68477-97-4 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |



| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                                      |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-133-00-1   | Gases (petroleum), hydrotreater blend oil recycle, hydrogen-nitrogen-rich;<br>Refinery gas;<br>[A complex combination obtained from recycled hydrotreated blend oil. It consists primarily of hydrogen and nitrogen with various small amounts of carbon monoxide, carbon dioxide and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .] | 270-781-2 | 68477-98-5 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-134-00-7   | Gases (petroleum), recycle, hydrogen-rich;<br>Refinery gas;<br>[A complex combination obtained from recycled reactor gases. It consists primarily of hydrogen with various small amounts of carbon monoxide, carbon dioxide, nitrogen, hydrogen sulfide, and saturated aliphatic hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>5</sub> .]                    | 270-783-3 | 68478-00-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-135-00-2   | Gases (petroleum), reformer make-up, hydrogen-rich;<br>Refinery gas;<br>[A complex combination obtained from the reformers. It consists primarily of hydrogen with various small amounts of carbon monoxide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]   | 270-784-9 | 68478-01-3 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-136-00-8   | Gases (petroleum), reforming hydrotreater;<br>Refinery gas;<br>[A complex combination obtained from the reforming hydrotreating process. It consists primarily of hydrogen, methane, and ethane with various small amounts of hydrogen sulfide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>5</sub> .]                          | 270-785-4 | 68478-02-4 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                                      |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-137-00-3   | Gases (petroleum), reforming hydrotreater, hydrogen-methane-rich;<br>Refinery gas;<br>[A complex combination obtained from the reforming hydrotreating process. It consists primarily of hydrogen and methane with various small amounts of carbon monoxide, carbon dioxide, nitrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>5</sub> .] | 270-787-5 | 68478-03-5 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-138-00-9   | Gases (petroleum), reforming hydrotreater make-up, hydrogen-rich;<br>Refinery gas;<br>[A complex combination obtained from the reforming hydrotreating process. It consists primarily of hydrogen with various small amounts of carbon monoxide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]   | 270-788-0 | 68478-04-6 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-139-00-4   | Gases (petroleum), thermal cracking distn.;<br>Refinery gas;<br>[A complex combination produced by distillation of products from a thermal cracking process. It consists of hydrogen, hydrogen sulfide, carbon monoxide, carbon dioxide and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]   | 270-789-6 | 68478-05-7 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-140-00-X   | Tail gas (petroleum), catalytic cracker refractionation absorber;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained from refractionation of products from a catalytic cracking process. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>3</sub> .]   | 270-805-1 | 68478-25-1 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                                      |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-141-00-5   | Tail gas (petroleum), catalytic reformed naphtha separator;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained from the catalytic reforming of straight run naphtha. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]  | 270-807-2 | 68478-27-3 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-142-00-0   | Tail gas (petroleum), catalytic reformed naphtha stabilizer;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained from the stabilization of catalytic reformed naphtha. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]   | 270-808-8 | 68478-28-4 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-143-00-6   | Tail gas (petroleum), cracked distillate hydro-treater separator;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained by treating cracked distillates with hydrogen in the presence of a catalyst. It consists of hydrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .] | 270-809-3 | 68478-29-5 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-144-00-1   | Tail gas (petroleum), hydrodesulfurized straight-run naphtha separator;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained from hydrodesulfurization of straight-run naphtha. It consists of hydrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]                     | 270-810-9 | 68478-30-8 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                                      |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-145-00-7   | Gases (petroleum), catalytic reformed straight-run naphtha stabilizer overheads;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained from the catalytic reforming of straight-run naphtha followed by fractionation of the total effluent. It consists of hydrogen, methane, ethane and propane.]  | 270-999-8 | 68513-14-4 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-146-00-2   | Gases (petroleum), reformer effluent high-pressure flash drum off;<br>Refinery gas;<br>[A complex combination produced by the high-pressure flashing of the effluent from the reforming reactor. It consists primarily of hydrogen with various small amounts of methane, ethane, and propane.]  | 271-003-4 | 68513-18-8 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-147-00-8   | Gases (petroleum), reformer effluent low-pressure flash drum off;<br>Refinery gas;<br>[A complex combination produced by low-pressure flashing of the effluent from the reforming reactor. It consists primarily of hydrogen with various small amounts of methane, ethane, and propane.]  | 271-005-5 | 68513-19-9 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-148-00-3   | Gases (petroleum), oil refinery gas distn. off;<br>Refinery gas;<br>[A complex combination separated by distillation of a gas stream containing hydrogen, carbon monoxide, carbon dioxide and hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>6</sub> or obtained by cracking ethane and propane. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>2</sub> , hydrogen, nitrogen, and carbon monoxide.] | 271-258-1 | 68527-15-1 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                                      |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-149-00-9   | Gases (petroleum), benzene unit hydrotreater depentanizer overheads;<br>Refinery gas;<br>[A complex combination produced by treating the feed from the benzene unit with hydrogen in the presence of a catalyst followed by de-pentanizing. It consists primarily of hydrogen, ethane and propane with various small amounts of nitrogen, carbon monoxide, carbon dioxide and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> . It may contain trace amounts of benzene.] | 271-623-5 | 68602-82-4 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-150-00-4   | Gases (petroleum), secondary absorber off, fluidized catalytic cracker overheads fractionator;<br>Refinery gas;<br>[A complex combination produced by the fractionation of the overhead products from the catalytic cracking process in the fluidized catalytic cracker. It consists of hydrogen, nitrogen, and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>3</sub> .]  | 271-625-6 | 68602-84-6 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-151-00-X   | Petroleum products, refinery gases;<br>Refinery gas;<br>[A complex combination which consists primarily of hydrogen with various small amounts of methane, ethane, and propane.]   | 271-750-6 | 68607-11-4 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-152-00-5   | Gases (petroleum), hydrocracking low-pressure separator;<br>Refinery gas;<br>[A complex combination obtained by the liquid-vapor separation of the hydrocracking process reactor effluent. It consists predominantly of hydrogen and saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>3</sub> .]   | 272-182-1 | 68783-06-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                                      |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-153-00-0   | Gases (petroleum), refinery;<br>Refinery gas;<br>[A complex combination obtained from various petroleum refining operations. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>3</sub> .]   | 272-338-9 | 68814-67-5 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-154-00-6   | Gases (petroleum), platformer products separator off;<br>Refinery gas;<br>[A complex combination obtained from the chemical reforming of naphthenes to aromatics. It consists of hydrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>4</sub> .]  | 272-343-6 | 68814-90-4 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-155-00-1   | Gases (petroleum), hydrotreated sour kerosine depentanizer stabilizer off;<br>Refinery gas;<br>[The complex combination obtained from the depentanizer stabilization of hydrotreated kerosine. It consists primarily of hydrogen, methane, ethane, and propane with various small amounts of nitrogen, hydrogen sulfide, carbon monoxide and hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>5</sub> .] | 272-775-5 | 68911-58-0 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-156-00-7   | Gases (petroleum), hydrotreated sour kerosine flash drum;<br>Refinery gas;<br>[A complex combination obtained from the flash drum of the unit treating sour kerosine with hydrogen in the presence of a catalyst. It consists primarily of hydrogen and methane with various small amounts of nitrogen, carbon monoxide, and hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>5</sub> .]                 | 272-776-0 | 68911-59-1 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                                      |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-157-00-2   | Gases (petroleum), distillate unifier desulfurization stripper off;<br>Refinery gas;<br>[A complex combination stripped from the liquid product of the unifier desulfurization process. It consists of hydrogen sulfide, methane, ethane, and propane.]   | 272-873-8 | 68919-01-7 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-158-00-8   | Gases (petroleum), fluidized catalytic cracker fractionation off;<br>Refinery gas;<br>[A complex combination produced by the fractionation of the overhead product of the fluidized catalytic cracking process. It consists of hydrogen, hydrogen sulfide, nitrogen, and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]                    | 272-874-3 | 68919-02-8 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-159-00-3   | Gases (petroleum), fluidized catalytic cracker scrubbing secondary absorber off;<br>Refinery gas;<br>[A complex combination produced by scrubbing the overhead gas from the fluidized catalytic cracker. It consists of hydrogen, nitrogen, methane, ethane and propane.]   | 272-875-9 | 68919-03-9 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-160-00-9   | Gases (petroleum), heavy distillate hydrotreater desulfurization stripper off;<br>Refinery gas;<br>[A complex combination stripped from the liquid product of the heavy distillate hydrotreater desulfurization process. It consists of hydrogen, hydrogen sulfide, and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .] | 272-876-4 | 68919-04-0 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-161-00-4   | Gases (petroleum), platformer stabilizer off, light ends fractionation;<br>Refinery gas;<br>[A complex combination obtained by the fractionation of the light ends of the platinum reactors of the platformer unit. It consists of hydrogen, methane, ethane and propane.]  | 272-880-6 | 68919-07-3 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                                      |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-162-00-X   | Gases (petroleum), preflash tower off, crude distn.;<br>Refinery gas;<br>[A complex combination produced from the first tower used in the distillation of crude oil. It consists of nitrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .] | 272-881-1 | 68919-08-4 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-163-00-5   | Gases (petroleum), tar stripper off;<br>Refinery gas;<br>[A complex combination obtained by the fractionation of reduced crude oil. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]  | 272-884-8 | 68919-11-9 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-164-00-0   | Gases (petroleum), unifier stripper off;<br>Refinery gas;<br>[A combination of hydrogen and methane obtained by fractionation of the products from the unifier unit.]  | 272-885-3 | 68919-12-0 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-165-00-6   | Tail gas (petroleum), catalytic hydrodesulfurized naphtha separator;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained from the hydrodesulfurization of naphtha. It consists of hydrogen, methane, ethane, and propane.]   | 273-173-5 | 68952-79-4 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-166-00-1   | Tail gas (petroleum), straight-run naphtha hydrodesulfurizer;<br>Refinery gas;<br>[A complex combination obtained from the hydrodesulfurization of straight-run naphtha. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]                 | 273-174-0 | 68952-80-7 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |



| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                                      |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-167-00-7   | Gases (petroleum), sponge absorber off, fluidized catalytic cracker and gas oil desulfurizer overhead fractionation;<br>Refinery gas;<br>[A complex combination obtained by the fractionation of products from the fluidized catalytic cracker and gas oil desulfurizer. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .] | 273-269-7 | 68955-33-9 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-168-00-2   | Gases (petroleum), crude distn. and catalytic cracking;<br>Refinery gas;<br>[A complex combination produced by crude distillation and catalytic cracking processes. It consists of hydrogen, hydrogen sulfide, nitrogen, carbon monoxide and paraffinic and olefinic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]                                 | 273-563-5 | 68989-88-8 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-169-00-8   | Gases (petroleum), gas oil diethanolamine scrubber off;<br>Refinery gas;<br>[A complex combination produced by desulfurization of gas oils with diethanolamine. It consists predominantly of hydrogen sulfide, hydrogen and aliphatic hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>5</sub> .]  | 295-397-2 | 92045-15-3 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-170-00-3   | Gases (petroleum), gas oil hydrodesulfurization effluent;<br>Refinery gas;<br>[A complex combination obtained by separation of the liquid phase from the effluent from the hydrogenation reaction. It consists predominantly of hydrogen, hydrogen sulfide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>3</sub> .]                             | 295-398-8 | 92045-16-4 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                                      |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-171-00-9   | Gases (petroleum), gas oil hydrodesulfurization purge;<br>Refinery gas;<br>[A complex combination of gases obtained from the reformer and from the purges from the hydrogenation reactor. It consists predominantly of hydrogen and aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]   | 295-399-3 | 92045-17-5 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-172-00-4   | Gases (petroleum), hydrogenator effluent flash drum off;<br>Refinery gas;<br>[A complex combination of gases obtained from flash of the effluents after the hydrogenation reaction. It consists predominantly of hydrogen and aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]   | 295-400-7 | 92045-18-6 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-173-00-X   | Gases (petroleum), naphtha steam cracking high-pressure residual;<br>Refinery gas;<br>[A complex combination obtained as a reaction mass of the non-condensable portions from the product of a naphtha steam cracking process as well as residual gases obtained during the preparation of subsequent products. It consists predominantly of hydrogen and paraffinic and olefinic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> with which natural gas may also be mixed.] | 295-401-2 | 92045-19-7 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-174-00-5   | Gases (petroleum), residue visbaking off;<br>Refinery gas;<br>[A complex combination obtained from viscosity reduction of residues in a furnace. It consists predominantly of hydrogen sulfide and paraffinic and olefinic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]  | 295-402-8 | 92045-20-0 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                                      |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-177-00-1   | Gases (petroleum), C <sub>3-4</sub> ;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by distillation of products from the cracking of crude oil. It consists of hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>4</sub> , predominantly of propane and propylene, and boiling in the range of approximately - 51 °C to - 1 °C (- 60 °F to 30 °F).]   | 268-629-5 | 68131-75-9 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-178-00-7   | Tail gas (petroleum), catalytic cracked distillate and catalytic cracked naphtha fractionation absorber;<br>Petroleum gas;<br>[The complex combination of hydrocarbons from the distillation of the products from catalytic cracked distillates and catalytic cracked naphtha. It consists predominantly of hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>4</sub> .]   | 269-617-2 | 68307-98-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-179-00-2   | Tail gas (petroleum), catalytic polymn. naphtha fractionation stabilizer;<br>Petroleum gas;<br>[A complex combination of hydrocarbons from the fractionation stabilization products from polymerization of naphtha. It consists predominantly of hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>4</sub> .]  | 269-618-8 | 68307-99-3 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-180-00-8   | Tail gas (petroleum), catalytic reformed naphtha fractionation stabilizer, hydrogen sulfide-free;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from fractionation stabilization of catalytic reformed naphtha and from which hydrogen sulfide has been removed by amine treatment. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .] | 269-619-3 | 68308-00-9 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                                      |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-181-00-3   | Tail gas (petroleum), cracked distillate hydro-treater stripper;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by treating thermal cracked distillates with hydrogen in the presence of a catalyst. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]  | 269-620-9 | 68308-01-0 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-182-00-9   | Tail gas (petroleum), straight-run distillate hydrodesulfurizer, hydrogen sulfide-free;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from catalytic hydrodesulfurization of straight run distillates and from which hydrogen sulfide has been removed by amine treatment. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .] | 269-630-3 | 68308-10-1 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-183-00-4   | Tail gas (petroleum), gas oil catalytic cracking absorber;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the distillation of products from the catalytic cracking of gas oil. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]   | 269-623-5 | 68308-03-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-184-00-X   | Tail gas (petroleum), gas recovery plant;<br>Petroleum gas;<br>[A complex combination of hydrocarbons from the distillation of products from miscellaneous hydrocarbon streams. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]   | 269-624-0 | 68308-04-3 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

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|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-185-00-5   | Tail gas (petroleum), gas recovery plant deethanizer;<br>Petroleum gas;<br>[A complex combination of hydrocarbons from the distillation of products from miscellaneous hydrocarbon streams. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]  | 269-625-6 | 68308-05-4 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-186-00-0   | Tail gas (petroleum), hydrodesulfurized distillate and hydrodesulfurized naphtha fractionator, acid-free;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from fractionation of hydrodesulfurized naphtha and distillate hydrocarbon streams and treated to remove acidic impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]   | 269-626-1 | 68308-06-5 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-187-00-6   | Tail gas (petroleum), hydrodesulfurized vacuum gas oil stripper, hydrogen sulfide-free;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from stripping stabilization of catalytic hydrodesulfurized vacuum gas oil and from which hydrogen sulfide has been removed by amine treatment. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .] | 269-627-7 | 68308-07-6 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-188-00-1   | Tail gas (petroleum), light straight-run naphtha stabilizer, hydrogen sulfide-free;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from fractionation stabilization of light straight run naphtha and from which hydrogen sulfide has been removed by amine treatment. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]                 | 269-629-8 | 68308-09-8 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

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|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-189-00-7   | Tail gas (petroleum), propane-propylene alkylation feed prep deethanizer;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the distillation of the reaction products of propane with propylene. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]   | 269-631-9 | 68308-11-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-190-00-2   | Tail gas (petroleum), vacuum gas oil hydrodesulfurizer, hydrogen sulfide-free;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from catalytic hydrodesulfurization of vacuum gas oil and from which hydrogen sulfide has been removed by amine treatment. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .] | 269-632-4 | 68308-12-3 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-191-00-8   | Gases (petroleum), catalytic cracked overheads;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of products from the catalytic cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>5</sub> and boiling in the range of approximately - 48 °C to 32 °C (- 54 °F to 90 °F).]                       | 270-071-2 | 68409-99-4 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-193-00-9   | Alkanes, C <sub>1-2</sub> ;<br>Petroleum gas  | 270-651-5 | 68475-57-0 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-194-00-4   | Alkanes, C <sub>2-3</sub> ;<br>Petroleum gas  | 270-652-0 | 68475-58-1 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

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|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-195-00-X   | Alkanes, C <sub>3-4</sub> ;<br>petroleum gas   | 270-653-6 | 68475-59-2 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-196-00-5   | Alkanes, C <sub>4-5</sub> ;<br>Petroleum gas   | 270-654-1 | 68475-60-5 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-197-00-0   | Fuel gases;<br>Petroleum gas;<br>[A combination of light gases. It consists predominantly of hydrogen and/or low molecular weight hydrocarbons.]   | 270-667-2 | 68476-26-6 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-198-00-6   | Fuel gases, crude oil of distillates;<br>Petroleum gas;<br>[A complex combination of light gases produced by distillation of crude oil and by catalytic reforming of naphtha. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> and boiling in the range of approximately - 217 °C to - 12 °C (- 423 °F to 10 °F).] | 270-670-9 | 68476-29-9 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-199-00-1   | Hydrocarbons, C <sub>3-4</sub> ;<br>Petroleum gas  | 270-681-9 | 68476-40-4 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-200-00-5   | Hydrocarbons, C <sub>4-5</sub> ;<br>Petroleum gas  | 270-682-4 | 68476-42-6 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-201-00-0   | Hydrocarbons, C <sub>2-4</sub> , C <sub>3</sub> -rich;<br>Petroleum gas  | 270-689-2 | 68476-49-3 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

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|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-202-00-6   | Petroleum gases, liquefied;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>7</sub> and boiling in the range of approximately – 40 °C to 80 °C (– 40 °F to 176 °F).]  | 270-704-2 | 68476-85-7 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKSU     |
| 649-203-00-1   | Petroleum gases, liquefied, sweetened;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by subjecting liquefied petroleum gas mix to a sweetening process to convert mercaptans or to remove acidic impurities. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>7</sub> and boiling in the range of approximately – 40 °C to 80 °C (– 40 °F to 176 °F).]                         | 270-705-8 | 68476-86-8 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKSU     |
| 649-204-00-7   | gases (petroleum), C <sub>3-4</sub> , isobutane-rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons from the distillation of saturated and unsaturated hydrocarbons usually ranging in carbon numbers from C <sub>3</sub> through C <sub>6</sub> , predominantly butane and isobutane. It consists of saturated and unsaturated hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>4</sub> , predominantly isobutane.] | 270-724-1 | 68477-33-8 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-205-00-2   | Distillates (petroleum), C <sub>3-6</sub> , piperylene-rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons from the distillation of saturated and unsaturated aliphatic hydrocarbons usually ranging in the carbon numbers C <sub>3</sub> through C <sub>6</sub> . It consists of saturated and unsaturated hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>6</sub> , predominantly piperlenes.]                    | 270-726-2 | 68477-35-0 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |



| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                                      |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-206-00-8   | Gases (petroleum), butane splitter overheads; Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the distillation of the butane stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>4</sub> .]   | 270-750-3 | 68477-69-0 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-207-00-3   | Gases (petroleum), C <sub>2-3</sub> ;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of products from a catalytic fractionation process. It contains predominantly ethane, ethylene, propane, and propylene.]  | 270-751-9 | 68477-70-3 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-208-00-9   | Gases (petroleum), catalytic-cracked gas oil depropanizer bottoms, C <sub>4</sub> -rich acid-free;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from fractionation of catalytic cracked gas oil hydrocarbon stream and treated to remove hydrogen sulfide and other acidic components. It consists of hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>5</sub> , predominantly C <sub>4</sub> .] | 270-752-4 | 68477-71-4 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-209-00-4   | Gases (petroleum), catalytic-cracked naphtha debutanizer bottoms, C <sub>3-5</sub> -rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the stabilization of catalytic cracked naphtha. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>5</sub> .]   | 270-754-5 | 68477-72-5 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |

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|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-210-00-X   | Tail gas (petroleum), isomerized naphtha fractionation stabilizer;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the fractionation stabilization products from isomerized naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]  | 269-628-2 | 68308-08-7 | Press. Gas<br>Flam. Gas 1<br>Carc. 1B<br>Muta. 1B | H220<br>H350<br>H340          | GHS04<br>GHS02<br>GHS08<br>Dgr     | H220<br>H350<br>H340          |   |  | HKU      |
| 649-261-00-8   | Gasoline, natural;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons separated from natural gas by processes such as refrigeration or absorption. It consists predominantly of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>8</sub> and boiling in the range of approximately minus 20 °C to 120 °C (- 4 °F to 248 °F).] | 232-349-1 | 8006-61-9  | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1               | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-262-00-3   | Naphtha;<br>Low boiling point naphtha;<br>[Refined, partly refined, or unrefined petroleum products produced by the distillation of natural gas. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>6</sub> and boiling in the range of approximately 100 °C to 200 °C (212 °F to 392 °F).]   | 232-443-2 | 8030-30-6  | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1               | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-263-00-9   | Ligroine;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons obtained by the fractional distillation of petroleum. This fraction boils in a range of approximately 20 °C to 135 °C (58 °F to 275 °F).]  | 232-453-7 | 8032-32-4  | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1               | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

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|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-264-00-4   | Naphtha (petroleum), heavy straight-run;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons produced by distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>12</sub> and boiling in the range of approximately 65 °C to 230 °C (149 °F to 446 °F).]  | 265-041-0 | 64741-41-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-265-00-X   | Naphtha (petroleum), full-range straight-run;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons produced by distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately – 20 °C to 220 °C (– 4 °F to 428 °F).]   | 265-042-6 | 64741-42-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-266-00-5   | Naphtha (petroleum), light straight-run;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons produced by distillation of crude oil. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>10</sub> and boiling in the range of approximately – 20 °C to 180 °C (– 4 °F to 356 °F).]                          | 265-046-8 | 64741-46-4 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-267-00-0   | Solvent naphtha (petroleum), light aliph.;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons obtained from the distillation of crude oil or natural gasoline. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>10</sub> and boiling in the range of approximately 35 °C to 160 °C (95 °F to 320 °F).] | 265-192-2 | 64742-89-8 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

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|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-268-00-6   | Distillates (petroleum), straight-run light;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>7</sub> and boiling in the range of approximately – 88 °C to 99 °C (– 127 °F to 210 °F).]                          | 270-077-5 | 68410-05-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-269-00-1   | Gasoline, vapor-recovery;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons separated from the gases from vapor recovery systems by cooling. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately – 20 °C to 196 °C(– 4 °F to 384 °F).]                        | 271-025-4 | 68514-15-8 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-270-00-7   | Gasoline, straight-run, topping-plant;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons produced from the topping plant by the distillation of crude oil. It boils in the range of approximately 36,1 °C to 193,3 °C (97 °F to 380 °F).]  | 271-727-0 | 68606-11-1 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-271-00-2   | Naphtha (petroleum), unsweetened;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons produced from the distillation of naphtha streams from various refinery processes. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>12</sub> and boiling in the range of approximately 0 °C to 230 °C (25 °F to 446 °F).] | 272-186-3 | 68783-12-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

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|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-272-00-8   | Distillates (petroleum), light straight-run gasoline fractionation stabilizer overheads;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons obtained by the fractionation of light straight-run gasoline. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>6</sub> .]  | 272-931-2 | 68921-08-4  | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-273-00-3   | Naphtha (petroleum), heavy straight run, arom.-contg.;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons obtained from a distillation process of crude petroleum. It consists predominantly of hydrocarbons having carbon numbers in the range of C <sub>8</sub> through C <sub>12</sub> and boiling in the range of approximately 130 °C to 210 °C (266 °F to 410 °F).]   | 309-945-6 | 101631-20-3 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-274-00-9   | Naphtha (petroleum), full-range alkylate;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons produced by distillation of the reaction products of isobutane with monoolefinic hydrocarbons usually ranging in carbon numbers from C <sub>3</sub> through C <sub>5</sub> . It consists of predominantly branched chain saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> and boiling in the range of approximately 90 °C to 220 °C (194 °F to 428 °F).] | 265-066-7 | 64741-64-6  | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-275-00-4   | Naphtha (petroleum), heavy alkylate;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons produced by distillation of the reaction products of isobutane with monoolefinic hydrocarbons usually ranging in carbon numbers from C <sub>3</sub> to C <sub>5</sub> . It consists of predominantly branched chain saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>9</sub> through C <sub>12</sub> and boiling in the range of approximately 150 °C to 220 °C (302 °F to 428 °F).]          | 265-067-2 | 64741-65-7  | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

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|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-276-00-X   | Naphtha (petroleum), light alkylate;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons produced by distillation of the reaction products of isobutane with monoolefinic hydrocarbons usually ranging in carbon numbers from C <sub>3</sub> through C <sub>5</sub> . It consists of predominantly branched chain saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>10</sub> and boiling in the range of approximately 90 °C to 160 °C (194 °F to 320 °F).] | 265-068-8 | 64741-66-8 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-277-00-5   | Naphtha (petroleum), isomerization;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons obtained from catalytic isomerization of straight chain paraffinic C <sub>4</sub> through C <sub>6</sub> hydrocarbons. It consists predominantly of saturated hydrocarbons such as isobutane, isopentane, 2,2-dimethylbutane, 2-methylpentane, and 3-methylpentane.]   | 265-073-5 | 64741-70-4 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-278-00-0   | Naphtha (petroleum), solvent-refined light;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>11</sub> and boiling in the range of approximately 35 °C to 190 °C (95 °F to 374 °F).]  | 265-086-6 | 64741-84-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-279-00-6   | Naphtha (petroleum), solvent-refined heavy;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> and boiling in the range of approximately 90 °C to 230 °C (194 °F to 446 °F).]   | 265-095-5 | 64741-92-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

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|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-280-00-1   | Raffinates (petroleum), catalytic reformer ethylene glycol-water countercurrent exts.;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons obtained as the raffinate from the UDEX extraction process on the catalytic reformer stream. It consists of saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>9</sub> .]   | 270-088-5 | 68410-71-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-281-00-7   | Raffinates (petroleum), reformer, Lurgi unit-sepd.;<br>Low boiling point modified naphtha;<br>[The complex combination of hydrocarbons obtained as a raffinate from a Lurgi separation unit. It consists predominantly of non-aromatic hydrocarbons with various small amounts of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>8</sub> .]  | 270-349-3 | 68425-35-4 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-282-00-2   | Naphtha (petroleum), full-range alkylate, butane-contg.;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons produced by the distillation of the reaction products of isobutane with monoolefinic hydrocarbons usually ranging in carbon numbers from C <sub>3</sub> through C <sub>5</sub> . It consists of predominantly branched chain saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> with some butanes and boiling in the range of approximately 35 °C to 200 °C (95 °F to 428 °F-.)] | 271-267-0 | 68527-27-5 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-283-00-8   | Distillates (petroleum), naphtha steam cracking-derived, solvent-refined light hydro-treated;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons obtained as the raffinates from a solvent extraction process of hydrotreated light distillate from steam-cracked naphtha.]   | 295-315-5 | 91995-53-8 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

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|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-284-00-3   | Naphtha (petroleum), C <sub>4-12</sub> , butane-alkylate, iso-octane-rich;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons obtained by alkylation of butanes. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>12</sub> , rich in iso-octane, and boiling in the range of approximately 35 °C to 210 °C (95 °F to 410 °F).] | 295-430-0 | 92045-49-3 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-285-00-9   | Hydrocarbons, hydrotreated light naphtha distillates, solvent-refined;<br>Low boiling point modified naphtha;<br>[A combination of hydrocarbons obtained from the distillation of hydrotreated naphtha followed by a solvent extraction and distillation process. It consists predominantly of saturated hydrocarbons boiling in the range of approximately 94 °C to 99 °C (201 °F to 210 °F).]   | 295-436-3 | 92045-55-1 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-286-00-4   | Naphtha (petroleum), isomerization, C <sub>6</sub> -fraction;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons obtained by distillation of a gasoline which has been catalytically isomerized. It consists predominantly of hexane isomers boiling in the range of approximately 60 °C to 66 °C (140 °F to 151 °F).]  | 295-440-5 | 92045-58-4 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |



| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.      | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-287-00-X   | Hydrocarbons, C <sub>6-7</sub> , naphtha-cracking, solvent-refined;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons obtained by the sorption of benzene from a catalytically fully hydrogenated benzene-rich hydrocarbon cut that was distillatively obtained from prehydrogenated cracked naphtha. It consists predominantly of paraffinic and naphthenic hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>7</sub> and boiling in the range of approximately 70 °C to 100 °C (158 °F to 212 °F).] | 295-446-8 | 92045-64-2  | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-288-00-5   | Hydrocarbons, C <sub>6</sub> -rich, hydrotreated light naphtha distillates, solvent-refined;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons obtained by distillation of hydrotreated naphtha followed by solvent extraction. It consists predominantly of saturated hydrocarbons and boiling in the range of approximately 65 °C to 70 °C (149 °F to 158 °F).]  | 309-871-4 | 101316-67-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-289-00-0   | Naphtha (petroleum), heavy catalytic cracked;<br>Low boiling point cat-cracked naphtha;<br>[A complex combination of hydrocarbons produced by a distillation of products from a catalytic cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>12</sub> and boiling in the range of approximately 65 °C to 230 °C (148 °F to 446 °F). It contains a relatively large proportion of unsaturated hydrocarbons.]  | 265-055-7 | 64741-54-4  | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-faktory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-290-00-6   | Naphtha (petroleum), light catalytic cracked;<br>Low boiling point cat-cracked naphtha;<br>[A complex combination of hydrocarbons produced by the distillation of products from a catalytic cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately – 20 °C to 190 °C (– 4 °F to 374 °F). It contains a relatively large proportion of unsaturated hydrocarbons.] | 265-056-2 | 64741-55-5 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-291-00-1   | Hydrocarbons, C <sub>3-11</sub> , catalytic cracker distillates;<br>Low boiling point cat-cracked naphtha;<br>[A complex combination of hydrocarbons produced by the distillations of products from a catalytic cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>11</sub> and boiling in a range approximately up to 204 °C (400 °F).]  | 270-686-6 | 68476-46-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-292-00-7   | Naphtha (petroleum), catalytic cracked light distd.;<br>Low boiling point cat-cracked naphtha;<br>[A complex combination of hydrocarbons produced by the distillation of products from a catalytic cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]  | 272-185-8 | 68783-09-5 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-293-00-2   | Distillates (petroleum), naphtha steam cracking-derived, hydrotreated light arom.;<br>Low boiling point cat-cracked naphtha.;<br>[A complex combination of hydrocarbons obtained by treating a light distillate from steam-cracked naphtha. It consists predominantly of aromatic hydrocarbons.]   | 295-311-3 | 91995-50-5 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-294-00-8   | Naphtha (petroleum), heavy catalytic cracked, sweetened;<br>Low boiling point cat-cracked naphtha;<br>[A complex combination of hydrocarbons obtained by subjecting a catalytic cracked petroleum distillate to a sweetening process to convert mercaptans or to remove acidic impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>12</sub> and boiling in the range of approximately 60 °C to 200 °C (140 °F to 392 °F).] | 295-431-6 | 92045-50-6 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-295-00-3   | Naphtha (petroleum), light catalytic cracked sweetened;<br>Low boiling point cat-cracked naphtha;<br>[A complex combination of hydrocarbons obtained by subjecting naphtha from a catalytic cracking process to a sweetening process to convert mercaptans or to remove acidic impurities. It consists predominantly of hydrocarbons boiling in a range of approximately 35 °C to 210 °C (95 °F to 410 °F).]   | 295-441-0 | 92045-59-5 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-296-00-9   | Hydrocarbons, C <sub>8-12</sub> , catalytic-cracking, chem. neutralized;<br>Low boiling point cat-cracked naphtha;<br>[A complex combination of hydrocarbons produced by the distillation of a cut from the catalytic cracking process, having undergone an alkaline washing. It consists predominantly of hydrocarbons having carbon numbers in the range of C <sub>8</sub> through C <sub>12</sub> and boiling in the range of approximately 130 °C to 210 °C (266 °F to 410 °F).]                           | 295-794-0 | 92128-94-4 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

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|----------------|---|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-297-00-4   | Hydrocarbons, C <sub>8-12</sub> , catalytic cracker distillates;<br>Low boiling point cat-cracked naphtha;<br>[A complex combination of hydrocarbons obtained by distillation of products from a catalytic cracking process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>8</sub> through C <sub>12</sub> and boiling in the range of approximately 140 °C to 210 °C (284 °F to 410 °F).]   | 309-974-4 | 101794-97-2 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-298-00-X   | Hydrocarbons, C <sub>8-12</sub> , catalytic cracking, chem. neutralized, sweetened;<br>Low boiling point cat-cracked naphtha  | 309-987-5 | 101896-28-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-299-00-5   | Naphtha (petroleum), light catalytic reformed;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons produced from the distillation of products from a catalytic reforming process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>11</sub> and boiling in the range of approximately 35 °C to 190 °C (95 °F to 374 °F). It contains a relatively large proportion of aromatic and branched chain hydrocarbons. This stream may contain 10 vol. % or more benzene.] | 265-065-1 | 64741-63-5  | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-300-00-9   | Naphtha (petroleum), heavy catalytic reformed;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons produced from the distillation of products from a catalytic reforming process. It consists of predominantly aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> and boiling in the range of approximately 90 °C to 230 °C (194 °F to 446 °F).]   | 265-070-9 | 64741-68-0  | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-faktory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-301-00-4   | Distillates (petroleum), catalytic reformed depentanizer;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons from the distillation of products from a catalytic reforming process. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>6</sub> and boiling in the range of approximately - 49 °C to 63 °C (- 57 °F to 145 °F).]   | 270-660-4 | 68475-79-6 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-302-00-X   | Hydrocarbons, C <sub>2-6</sub> , C <sub>6-8</sub> catalytic reformer;<br>Low boiling point cat-reformed naphtha   | 270-687-1 | 68476-47-1 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-303-00-5   | Residues (petroleum), C <sub>6-8</sub> catalytic reformer;<br>Low boiling point cat-reformed naphtha;<br>[A complex residuum from the catalytic reforming of C <sub>6-8</sub> feed. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>6</sub> .]  | 270-794-3 | 68478-15-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-304-00-0   | Naphtha (petroleum), light catalytic reformed, arom.-free;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons obtained from distillation of products from a catalytic reforming process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>8</sub> and boiling in the range of approximately 35 °C to 120 °C (95 °F to 248 °F). It contains a relatively large proportion of branched chain hydrocarbons with the aromatic components removed.] | 270-993-5 | 68513-03-1 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-305-00-6   | Distillates (petroleum), catalytic reformed straight-run naphtha overheads;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons obtained by the catalytic reforming of straight-run naphtha followed by the fractionation of the total effluent. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>6</sub> .]  | 271-008-1 | 68513-63-3 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-306-00-1   | Petroleum products, hydrofiner-powerformer reformates;<br>Low boiling point cat-reformed naphtha;<br>[The complex combination of hydrocarbons obtained in a hydrofiner-powerformer process and boiling in a range of approximately 27 °C to 210 °C (80 °F to 410 °F).]  | 271-058-4 | 68514-79-4 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-307-00-7   | Naphtha (petroleum), full-range reformed;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons produced by the distillation of the products from a catalytic reforming process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>12</sub> and boiling in the range of approximately 35 °C to 230 °C (95 °F to 446 °F).]  | 272-895-8 | 68919-37-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-308-00-2   | Naphtha (petroleum), catalytic reformed;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons produced by the distillation of products from a catalytic reforming process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>12</sub> and boiling in the range of approximately 30 °C to 220 °C (90 °F to 430 °F). It contains a relatively large proportion of aromatic and branched chain hydrocarbons. This stream may contain 10 vol. % or more benzene.] | 273-271-8 | 68955-35-1 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-309-00-8   | Distillates (petroleum), catalytic reformed hydrotreated light, C <sub>8-12</sub> arom. fraction;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of alkylbenzenes obtained by the catalytic reforming of petroleum naphtha. It consists predominantly of alkylbenzenes having carbon numbers predominantly in the range of C <sub>8</sub> through C <sub>10</sub> and boiling in the range of approximately 160 °C to 180 °C (320 °F to 356 °F).]   | 285-509-8 | 85116-58-1 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-310-00-3   | Aromatic hydrocarbons, C <sub>8</sub> , catalytic reforming-derived;<br>Low boiling point cat-reformed naphtha  | 295-279-0 | 91995-18-5 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-311-00-9   | Aromatic hydrocarbons, C <sub>7-12</sub> , C <sub>8</sub> -rich;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons obtained by separation from the platformate-containing fraction. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> (primarily C <sub>8</sub> ) and can contain nonaromatic hydrocarbons, both boiling in the range of approximately 130 °C to 200 °C (266 °F to 392 °F).] | 297-401-8 | 93571-75-6 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-312-00-4   | Gasoline, C <sub>5-11</sub> , high-octane stabilised reformed;<br>Low boiling point cat-reformed naphtha;<br>[A complex high octane combination of hydrocarbons obtained by the catalytic dehydrogenation of a predominantly naphthenic naphtha. It consists predominantly of aromatics and non-aromatics having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>11</sub> and boiling in the range of approximately 45 °C to 185 °C (113 °F to 365 °F).]   | 297-458-9 | 93572-29-3 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-313-00-X   | Hydrocarbons, C <sub>7-12</sub> , C <sub>29</sub> -arom.-rich, reforming heavy fraction;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons obtained by separation from the platformate-containing fraction. It consists predominantly of nonaromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> and boiling in the range of approximately 120 °C to 210 °C (248 °F to 380 °F) and C <sub>9</sub> and higher aromatic hydrocarbons.] | 297-465-7 | 93572-35-1 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-314-00-5   | Hydrocarbons, C <sub>5-11</sub> , nonaroms.-rich, reforming light fraction;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons obtained by separation from the platformate-containing fraction. It consists predominantly of nonaromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>11</sub> and boiling in the range of approximately 35 °C to 125 °C (94 °F to 257 °F), benzene and toluene.]   | 297-466-2 | 93572-36-2 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-316-00-6   | Naphtha (petroleum), light thermal cracked;<br>Low boiling point thermally cracked naphtha;<br>[A complex combination of hydrocarbons from distillation of products from a thermal cracking process. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>8</sub> and boiling in the range of approximately - 10 °C to 130 °C (14 °F to 266 °F).]  | 265-075-6 | 64741-74-8 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-317-00-1   | Naphtha (petroleum), heavy thermal cracked;<br>Low boiling point thermally cracked naphtha;<br>[A complex combination of hydrocarbons from distillation of the products from a thermal cracking process. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>12</sub> and boiling in the range of approximately 65 °C to 220 °C (148 °F to 428 °F).]  | 265-085-0 | 64741-83-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |



| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-318-00-7   | Distillates (petroleum), heavy arom.;<br>Low boiling point thermally cracked naphtha;<br>[The complex combination of hydrocarbons from the distillation of the products from the thermal cracking of ethane and propane. This higher boiling fraction consists predominantly of C <sub>5-7</sub> aromatic hydrocarbons with some unsaturated aliphatic hydrocarbons having carbon number predominantly of C <sub>5</sub> . This stream may contain benzene.]  | 267-563-4 | 67891-79-6 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-319-00-2   | Distillates (petroleum), light arom.;<br>Low boiling point thermally cracked naphtha;<br>[The complex combination of hydrocarbons from the distillation of the products from the thermal cracking of ethane and propane. This lower boiling fraction consists predominantly of C <sub>5-7</sub> aromatic hydrocarbons with some unsaturated aliphatic hydrocarbons having a carbon number predominantly of C <sub>5</sub> . This stream may contain benzene.] | 267-565-5 | 67891-80-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-320-00-8   | Distillates (petroleum), naphtha-raffinate pyrolyzate-derived, gasoline-blending;<br>Low boiling point thermally cracked naphtha;<br>[The complex combination of hydrocarbons obtained by the pyrolysis fractionation at 816 °C (1 500 °F) of naphtha and raffinate. It consists predominantly of hydrocarbons having a carbon number of C <sub>9</sub> and boiling at approximately 204 °C (400 °F).]  | 270-344-6 | 68425-29-6 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-321-00-3   | Aromatic hydrocarbons, C <sub>6-8</sub> , naphtha-raffinate pyrolyzate-derived;<br>Low boiling point thermally cracked naphtha;<br>[A complex combination of hydrocarbons obtained by the fractionation pyrolysis at 816 °C (1 500 °F) of naphtha and raffinate. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>8</sub> , including benzene.]                           | 270-658-3 | 68475-70-7 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-322-00-9   | Distillates (petroleum), thermal cracked naphtha and gas oil;<br>Low boiling point thermally cracked naphtha;<br>[A complex combination of hydrocarbons produced by distillation of thermally cracked naphtha and/or gas oil. It consists predominantly of olefinic hydrocarbons having a carbon number of C <sub>5</sub> and boiling in the range of approximately 33 °C to 60 °C (91 °F to 140 °F).]   | 271-631-9 | 68603-00-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-323-00-4   | Distillates (petroleum), thermal cracked naphtha and gas oil, C <sub>5</sub> -dimer-contg.;<br>Low boiling point thermally cracked naphtha;<br>[A complex combination of hydrocarbons produced by the extractive distillation of thermal cracked naphtha and/or gas oil. It consists predominantly of hydrocarbons having a carbon number of C <sub>5</sub> with some dimerized C <sub>5</sub> olefins and boiling in the range of approximately 33 °C to 184 °C (91 °F to 363 °F).] | 271-632-4 | 68603-01-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-324-00-X   | Distillates (petroleum), thermal cracked naphtha and gas oil, extractive;<br>Low boiling point thermally cracked naphtha;<br>[A complex combination of hydrocarbons produced by the extractive distillation of thermal cracked naphtha and/or gas oil. It consists of paraffinic and olefinic hydrocarbons, predominantly isoamylenes such as 2-methyl-1-butene and 2-methyl-2-butene and boiling in the range of approximately 31 °C to 40 °C (88 °F to 104 °F).]                   | 271-634-5 | 68603-03-2 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-325-00-5   | Distillates (petroleum), light thermal cracked, debutanized arom.;<br>Low boiling point thermally cracked naphtha;<br>[A complex combination of hydrocarbons produced by the distillation of products from a thermal cracking process. It consists predominantly of aromatic hydrocarbons, primarily benzene.]   | 273-266-0 | 68955-29-3 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-faktory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-326-00-0   | Naphtha (petroleum), light thermal cracked, sweetened;<br>Low boiling point thermally cracked naphtha;<br>[A complex combination of hydrocarbons obtained by subjecting a petroleum distillate from the high temperature thermal cracking of heavy oil fractions to a sweetening process to convert mercaptans. It consists predominantly of aromatics, olefins and saturated hydrocarbons boiling in the range of approximately 20 °C to 100 °C (68 °F to 212 °F).] | 295-447-3 | 92045-65-3 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-327-00-6   | Naphtha (petroleum), hydrotreated heavy;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>13</sub> and boiling in the range of approximately 65 °C to 230 °C (149 °F to 446 °F).]                                       | 265-150-3 | 64742-48-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-328-00-1   | Naphtha (petroleum), hydrotreated light;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately minus 20 °C to 190 °C (- 4 °F to 374 °F).]                                 | 265-151-9 | 64742-49-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-329-00-7   | Naphtha (petroleum), hydrodesulfurized light;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately - 20 °C to 190 °C (- 4 °F to 374 °F).]   | 265-178-6 | 64742-73-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

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|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-330-00-2   | Naphtha (petroleum), hydrodesulfurized heavy;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> and boiling in the range of approximately 90 °C to 230 °C (194 °F to 446 °F).]  | 265-185-4 | 64742-82-1 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-331-00-8   | Distillates (petroleum), hydrotreated middle, intermediate boiling;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by the distillation of products from a middle distillate hydrotreating process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>10</sub> and boiling in the range of approximately 127 °C to 188 °C (262 °F to 370 °F).]        | 270-092-7 | 68410-96-8 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-332-00-3   | Distillates (petroleum), light distillate hydrotreating process, low-boiling;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by the distillation of products from the light distillate hydrotreating process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>9</sub> and boiling in the range of approximately 3 °C to 194 °C (37 °F to 382 °F).] | 270-093-2 | 68410-97-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-333-00-9   | Distillates (petroleum), hydrotreated heavy naphtha, deisohexanizer overheads;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by distillation of the products from a heavy naphtha hydrotreating process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>6</sub> and boiling in the range of approximately -49 °C to 68 °C (-57 °F to 155 °F).]   | 270-094-8 | 68410-98-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

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|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-334-00-4   | Solvent naphtha (petroleum), light arom., hydrotreated;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>8</sub> through C <sub>10</sub> and boiling in the range of approximately 135 °C to 210 °C (275 °F to 410 °F).] | 270-988-8 | 68512-78-7 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-335-00-X   | Naphtha (petroleum), hydrodesulfurized thermal cracked light;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by fractionation of hydrodesulfurized thermal cracker distillate. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> to C <sub>11</sub> and boiling in the range of approximately 23 °C to 195 °C (73 °F to 383 °F).]                       | 285-511-9 | 85116-60-5 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-336-00-5   | Naphtha (petroleum), hydrotreated light, cycloalkane-contg.;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained from the distillation of a petroleum fraction. It consists predominantly of alkanes and cycloalkanes boiling in the range of approximately - 20 °C to 190 °C (- 4 °F to 374 °F).]  | 285-512-4 | 85116-61-6 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-337-00-0   | Naphtha (petroleum), heavy steam-cracked, hydrogenated;<br>Low boiling point hydrogen treated naphtha   | 295-432-1 | 92045-51-7 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-faktory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-338-00-6   | Naphtha (petroleum), hydrodesulfurized full-range;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately 30 °C to 250 °C (86 °F to 482 °F).]   | 295-433-7 | 92045-52-8 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-339-00-1   | Naphtha (petroleum), hydrotreated light steam-cracked;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by treating a petroleum fraction, derived from a pyrolysis process, with hydrogen in the presence of a catalyst. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>11</sub> and boiling in the range of approximately 35 °C to 190 °C (95 °F to 374 °F).]       | 295-438-4 | 92045-57-3 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-340-00-7   | Hydrocarbons, C <sub>4-12</sub> , naphtha-cracking, hydrotreated;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by distillation from the product of a naphtha steam cracking process and subsequent catalytic selective hydrogenation of gum formers. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>12</sub> and boiling in the range of approximately 30 °C to 230 °C (86 °F to 446 °F).] | 295-443-1 | 92045-61-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-341-00-2   | Solvent naphtha (petroleum), hydrotreated light naphthenic;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists predominantly of cycloparaffinic hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>7</sub> and boiling in the range of approximately 73 °C to 85 °C (163 °F to 185 °F).]  | 295-529-9 | 92062-15-2 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-342-00-8   | Naphtha (petroleum), light steam-cracked, hydrogenated;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons produced from the separation and subsequent hydrogenation of the products of a steam-cracking process to produce ethylene. It consists predominantly of saturated and unsaturated paraffins, cyclic paraffins and cyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>10</sub> and boiling in the range of approximately 50 °C to 200 °C (122 °F to 392 °F). The proportion of benzene hydrocarbons may vary up to 30 wt. % and the stream may also contain small amounts of sulfur and oxygenated compounds.] | 296-942-7 | 93165-55-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-343-00-3   | Hydrocarbons, C <sub>6-11</sub> , hydrotreated, dearomatized;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained as solvents which have been subjected to hydrotreatment in order to convert aromatics to naphthenes by catalytic hydrogenation.]   | 297-852-0 | 93763-33-8 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-344-00-9   | Hydrocarbons, C <sub>9-12</sub> , hydrotreated, dearomatized;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained as solvents which have been subjected to hydrotreatment in order to convert aromatics to naphthenes by catalytic hydrogenation.]   | 297-853-6 | 93763-34-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-345-00-4   | Stoddard solvent;<br>Low boiling point naphtha - unspecified;<br>[A colorless, refined petroleum distillate that is free from rancid or objectionable odors and that boils in a range of approximately 148,8 °C to 204,4 °C. (300 °F to 400 °F).]  | 232-489-3 | 8052-41-3  | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-346-00-X   | Natural gas condensates (petroleum);<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons separated as a liquid from natural gas in a surface separator by retrograde condensation. It consists mainly of hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> to C <sub>20</sub> . It is a liquid at atmospheric temperature and pressure.]                   | 265-047-3 | 64741-47-5 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-347-00-5   | Natural gas (petroleum), raw liq. mix;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons separated as a liquid from natural gas in a gas recycling plant by processes such as refrigeration or absorption. It consists mainly of saturated aliphatic hydrocarbons having carbon numbers in the range of C <sub>2</sub> through C <sub>8</sub> .]                                       | 265-048-9 | 64741-48-6 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-348-00-0   | Naphtha (petroleum), light hydrocracked;<br>Low boiling naphtha - unspecified;<br>[A complex combination of hydrocarbons from distillation of the products from a hydrocracking process. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>10</sub> , and boiling in the range of approximately - 20 °C to 180 °C (- 4 °F to 356 °F).] | 265-071-4 | 64741-69-1 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |



| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-349-00-6   | Naphtha (petroleum), heavy hydrocracked;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons from distillation of the products from a hydrocracking process. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>12</sub> , and boiling in the range of approximately 65 °C to 230 °C (148 °F to 446 °F).]                        | 265-079-8 | 64741-78-2 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-350-00-1   | Naphtha (petroleum), sweetened;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by subjecting a petroleum naphtha to a sweetening process to convert mercaptans or to remove acidic impurities. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>12</sub> and boiling in the range of approximately - 10 °C to 230 °C (14 °F to 446 °F).] | 265-089-2 | 64741-87-3 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-351-00-7   | Naphtha (petroleum), acid-treated;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained as a raffinate from a sulfuric acid treating process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> and boiling in the range of approximately 90 °C to 230 °C (194 °F to 446 °F).]   | 265-115-2 | 64742-15-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-352-00-2   | Naphtha (petroleum), chemically neutralized heavy;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons produced by a treating process to remove acidic materials. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>12</sub> and boiling in the range of approximately 65 °C to 230 °C (149 °F to 446 °F).]   | 265-122-0 | 64742-22-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-353-00-8   | Naphtha (petroleum), chemically neutralized light;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons produced by a treating process to remove acidic materials. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately - 20 °C to 190 °C (- 4 °F to 374 °F).]   | 265-123-6 | 64742-23-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-354-00-3   | Naphtha (petroleum), catalytic dewaxed;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained from the catalytic dewaxing of a petroleum fraction. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>12</sub> and boiling in the range of approximately 35 °C to 230 °C (95 °F to 446 °F).]  | 265-170-2 | 64742-66-1 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-355-00-9   | Naphtha (petroleum), light steam-cracked;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by the distillation of the products from a steam cracking process. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately minus 20 °C to 190 °C (- 4 °F to 374 °F). This stream is likely to contain 10 vol. % or more benzene.] | 265-187-5 | 64742-83-2 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-356-00-4   | Solvent naphtha (petroleum), light arom.;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>8</sub> through C <sub>10</sub> and boiling in the range of approximately 135 °C to 210 °C (275 °F to 410 °F).]   | 265-199-0 | 64742-95-6 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-faktory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-357-00-X   | Aromatic hydrocarbons, C <sub>6-10</sub> , acid-treated, neutralized;<br>Low boiling point naphtha - unspecified   | 268-618-5 | 68131-49-7 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-358-00-5   | Distillates (petroleum), C <sub>3-5</sub> , 2-methyl-2-butene-rich;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons from the distillation of hydrocarbons usually ranging in carbon numbers from C <sub>3</sub> through C <sub>5</sub> , predominantly isopentane and 3-methyl-1-butene. It consists of saturated and unsaturated hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>5</sub> , predominantly 2-methyl-2-butene.] | 270-725-7 | 68477-34-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-359-00-0   | Distillates (petroleum), polymd. steam-cracked petroleum distillates, C <sub>5-12</sub> fraction;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained from the distillation of polymerized steam-cracked petroleum distillate. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>12</sub> .]  | 270-735-1 | 68477-50-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-360-00-6   | Distillates (petroleum), steam-cracked, C <sub>5-12</sub> fraction;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of organic compounds obtained by the distillation of products from a steam cracking process. It consists of unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>12</sub> .]   | 270-736-7 | 68477-53-2 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-361-00-1   | Distillates (petroleum), steam-cracked, C <sub>5-10</sub> fraction, mixed with light steam-cracked petroleum naphtha C <sub>5</sub> fraction;<br>Low boiling point naphtha - unspecified   | 270-738-8 | 68477-55-4 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

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|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-362-00-7   | Extracts (petroleum), cold-acid, C <sub>4-6</sub> ;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of organic compounds produced by cold acid unit extraction of saturated and unsaturated aliphatic hydrocarbons usually ranging in carbon numbers from C <sub>3</sub> through C <sub>6</sub> , predominantly pentanes and amylenes. It consists predominantly of saturated and unsaturated hydrocarbons having carbon numbers in the range of C <sub>4</sub> through C <sub>6</sub> , predominantly C <sub>5</sub> .] | 270-741-4 | 68477-61-2 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-363-00-2   | Distillates (petroleum), depentanizer overheads;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained from a catalytic cracked gas stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>6</sub> .]  | 270-771-8 | 68477-89-4 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-364-00-8   | Residues (petroleum), butane splitter bottoms;<br>Low boiling point naphtha - unspecified;<br>[A complex residuum from the distillation of butane stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>6</sub> .]   | 270-791-7 | 68478-12-6 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       |                               |   |  | H P      |
| 649-365-00-3   | Residual oils (petroleum), deisobutanizer tower;<br>Low boiling point naphtha - unspecified;<br>[A complex residuum from the atmospheric distillation of the butane-butylene stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>6</sub> .]  | 270-795-9 | 68478-16-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

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|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-366-00-9   | Naphtha (petroleum), full-range coker;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons produced by the distillation of products from a fluid coker. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>15</sub> and boiling in the range of approximately 43 °C to 250 °C (110 °F-500 °F).]  | 270-991-4 | 68513-02-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-367-00-4   | Naphtha (petroleum), steam-cracked middle arom.;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons produced by the distillation of products from a steam-cracking process. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> and boiling in the range of approximately 130 °C to 220 °C (266 °F to 428 °F).]  | 271-138-9 | 68516-20-1 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-368-00-X   | Naphtha (petroleum), clay-treated full-range straight-run;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons resulting from treatment of full-range straight-run naphtha with natural or modified clay, usually in a percolation process to remove the trace amounts of polar compounds and impurities present. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately - 20 °C to 220 °C (- 4 °F to 429 °F).] | 271-262-3 | 68527-21-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-369-00-5   | Naphtha (petroleum), clay-treated light straight-run;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons resulting from treatment of light straight-run naphtha with a natural or modified clay, usually in a percolation process to remove the trace amounts of polar compounds and impurities present. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>10</sub> and boiling in the range of approximately 93 °C to 180 °C (200 °F to 356 °F).] | 271-263-9 | 68527-22-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-370-00-0   | Naphtha (petroleum), light steam-cracked arom.;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons produced by distillation of products from a steam-cracking process. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>9</sub> and boiling in the range of approximately 110 °C to 165 °C (230 °F to 329 °F).]  | 271-264-4 | 68527-23-1 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-371-00-6   | Naphtha (petroleum), light steam-cracked, debenzenized;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons produced by distillation of products from a steam-cracking process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>12</sub> and boiling in the range of approximately 80 °C to 218 °C (176 °F to 424 °F).]   | 271-266-5 | 68527-26-4 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-372-00-1   | Naphtha (petroleum), arom.-contg.;<br>Low boiling point naphtha - unspecified   | 271-635-0 | 68603-08-7 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-373-00-7   | Gasoline, pyrolysis, debutanizer bottoms;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained from the fractionation of depropanizer bottoms. It consists of hydrocarbons having carbon numbers predominantly greater than C <sub>5</sub> .]   | 271-726-5 | 68606-10-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-374-00-2   | Naphtha (petroleum), light, sweetened;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by subjecting a petroleum distillate to a sweetening process to convert mercaptans or to remove acidic impurities. It consists predominantly of saturated and unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>6</sub> and boiling in the range of approximately - 20 °C to 100 °C (- 4 °F to 212 °F).] | 272-206-0 | 68783-66-4 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-375-00-8   | Natural gas condensates;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons separated and/or condensed from natural gas during transportation and collected at the wellhead and/or from the production, gathering, transmission, and distribution pipelines in deeps, scrubbers, etc. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>8</sub> .]   | 272-896-3 | 68919-39-1 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-376-00-3   | Distillates (petroleum), naphtha unifier strip-<br>per;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons produced by stripping the products from the naphtha unifier. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>6</sub> .]   | 272-932-8 | 68921-09-5 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-377-00-9   | Naphtha (petroleum), catalytic reformed light, arom.-free fraction;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons remaining after removal of aromatic compounds from catalytic reformed light naphtha in a selective absorption process. It consists predominantly of paraffinic and cyclic compounds having carbon numbers predominantly in the range of C <sub>5</sub> to C <sub>8</sub> and boiling in the range of approximately 66 °C to 121 °C (151 °F to 250 °F).]              | 285-510-3 | 85116-59-2 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-378-00-4   | Gasoline;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons consisting primarily of paraffins, cycloparaffins, aromatic and olefinic hydrocarbons having carbon numbers predominantly greater than C <sub>3</sub> and boiling in the range of 30 °C to 260 °C (86 °F to 500 °F).]  | 289-220-8 | 86290-81-5 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-379-00-X   | Aromatic hydrocarbons, C <sub>7-8</sub> , dealkylation products, distn. residues;<br>Low boiling point naphtha - unspecified   | 292-698-0 | 90989-42-7 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-380-00-5   | Hydrocarbons, C <sub>4-6</sub> , depentanizer lights, arom. hydrotreater;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained as first runnings from the depentanizer column before hydrotreatment of the aromatic charges. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>6</sub> , predominantly pentanes and pentenes, and boiling in the range of approximately 25 °C to 40 °C (77 °F to 104 °F).] | 295-298-4 | 91995-38-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |



| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-381-00-0   | Distillates (petroleum), heat-soaked steam-cracked naphtha, C <sub>5</sub> -rich;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by distillation of heat-soaked steam-cracked naphtha. It consists predominantly of hydrocarbons having carbon numbers in the range of C <sub>4</sub> through C <sub>6</sub> , predominantly C <sub>5</sub> .]   | 295-302-4 | 91995-41-4 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-382-00-6   | Extracts (petroleum), catalytic reformed light naphtha solvent;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained as the extract from the solvent extraction of a catalytically reformed petroleum cut. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>8</sub> and boiling in the range of approximately 100 °C to 200 °C (212 °F to 392 °F).]                                    | 295-331-2 | 91995-68-5 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-383-00-1   | Naphtha (petroleum), hydrodesulfurized light, dearomatized;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by distillation of hydrodesulfurized and dearomatized light petroleum fractions. It consists predominantly of C <sub>7</sub> paraffins and cycloparaffins boiling in a range of approximately 90 °C to 100 °C (194 °F to 212 °F).]  | 295-434-2 | 92045-53-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-384-00-7   | Naphtha (petroleum), light, C <sub>5</sub> -rich, sweetened;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by subjecting a petroleum naphtha to a sweetening process to convert mercaptans or to remove acidic impurities. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>5</sub> , predominantly C <sub>5</sub> , and boiling in the range of approximately minus 10 °C to 35 °C (14 °F to 95 °F).] | 295-442-6 | 92045-60-8 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

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|----------------|---|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-385-00-2   | Hydrocarbons, C <sub>8-11</sub> , naphtha-cracking, toluene cut;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by distillation from prehydrogenated cracked naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>8</sub> through C <sub>11</sub> and boiling in the range of approximately 130 °C to 205 °C (266 °F to 401 °F).]  | 295-444-7 | 92045-62-0 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-386-00-8   | Hydrocarbons, C <sub>4-11</sub> , naphtha-cracking, arom.-free;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained from prehydrogenated cracked naphtha after distillative separation of benzene- and toluene-containing hydrocarbon cuts and a higher boiling fraction. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately 30 °C to 205 °C (86 °F to 401 °F).] | 295-445-2 | 92045-63-1 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-387-00-3   | Naphtha (petroleum), light heat-soaked, steam-cracked;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by the fractionation of steam cracked naphtha after recovery from a heat soaking process. It consists predominantly of hydrocarbons having a carbon number predominantly in the range of C <sub>4</sub> through C <sub>6</sub> and boiling in the range of approximately 0 °C to 80 °C (32 °F to 176 °F).]  | 296-028-8 | 92201-97-3 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-388-00-9   | Distillates (petroleum), C <sub>6</sub> -rich;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained from the distillation of a petroleum feedstock. It consists predominantly of hydrocarbons having carbon numbers of C <sub>5</sub> through C <sub>7</sub> , rich in C <sub>6</sub> , and boiling in the range of approximately 60 °C to 70 °C (140 °F to 158 °F).]  | 296-903-4 | 93165-19-6 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-389-00-4   | Gasoline, pyrolysis, hydrogenated;<br>Low boiling point naphtha-unspecified;<br>[A distillation fraction from the hydrogenation of pyrolysis gasoline boiling in the range of approximately 20 °C to 200 °C (68 °F to 392 °F).]  | 302-639-3 | 94114-03-1 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-390-00-X   | Distillates (petroleum), steam-cracked, C <sub>8-12</sub> fraction, polymd., distn. lights;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by distillation of the polymerized C <sub>8</sub> through C <sub>12</sub> fraction from steam-cracked petroleum distillates. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>8</sub> through C <sub>12</sub> .] | 305-750-5 | 95009-23-7 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-391-00-5   | Extracts (petroleum) heavy naphtha solvent, clay-treated;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by the treatment of heavy naphthic solvent petroleum extract with bleaching earth. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>10</sub> and boiling in the range of approximately 80 °C to 180 °C (175 °F to 356 °F).]          | 308-261-5 | 97926-43-7 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

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|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-392-00-0   | Naphtha (petroleum), light steam-cracked, debenzenized, thermally treated;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by the treatment and distillation of debenzenized light steam-cracked petroleum naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> and boiling in the range of approximately 95 °C to 200 °C (203 °F to 392 °F).]   | 308-713-1 | 98219-46-6  | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-393-00-6   | Naphtha (petroleum), light steam-cracked, thermally treated;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by the treatment and distillation of light steam-cracked petroleum naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>6</sub> and boiling in the range of approximately 35 °C to 80 °C (95 °F to 176 °F).]   | 308-714-7 | 98219-47-7  | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-394-00-1   | Distillates (petroleum), C <sub>7-9</sub> , C <sub>8</sub> -rich, hydrodesulfurized dearomatized;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by the distillation of petroleum light fraction, hydrodesulfurized and dearomatized. It consists predominantly of hydrocarbons having carbon numbers in the range of C <sub>7</sub> through C <sub>9</sub> , predominantly C <sub>8</sub> paraffins and cycloparaffins, boiling in the range of approximately 120 °C to 130 °C (248 °F to 266 °F).] | 309-862-5 | 101316-56-7 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.      | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-395-00-7   | Hydrocarbons, C <sub>6-8</sub> , hydrogenated sorption-dearomatized, toluene raffination;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained during the sorptions of toluene from a hydrocarbon fraction from cracked gasoline treated with hydrogen in the presence of a catalyst. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>8</sub> and boiling in the range of approximately 80 °C to 135 °C (176 °F to 275 °F).] | 309-870-9 | 101316-66-9 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-396-00-2   | Naphtha (petroleum), hydrodesulfurised full-range coker;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by fractionation from hydrodesulfurised coker distillate. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> to C <sub>11</sub> and boiling in the range of approximately 23 °C to 196 °C (73 °F to 385 °F).]  | 309-879-8 | 101316-76-1 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-397-00-8   | Naphtha (petroleum), sweetened light;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by subjecting a petroleum naphtha to a sweetening process to convert mercaptans or to remove acidic impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>8</sub> and boiling in the range of approximately 20 °C to 130 °C (68 °F to 266 °F).]   | 309-976-5 | 101795-01-1 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-398-00-3   | Hydrocarbons, C <sub>3-6</sub> , C <sub>5</sub> -rich, steam-cracked naphtha;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by distillation of steam-cracked naphtha. It consists predominantly of hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>6</sub> , predominantly C <sub>5</sub> .]   | 310-012-0 | 102110-14-5 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.      | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 649-399-00-9   | Hydrocarbons, C <sub>5</sub> -rich, dicyclopentadiene-contg.;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by distillation of the products from a steam-cracking process. It consists predominantly of hydrocarbons having carbon numbers of C <sub>5</sub> and dicyclopentadiene and boiling in the range of approximately 30 °C to 170 °C (86 °F to 338 °F).]  | 310-013-6 | 102110-15-6 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-400-00-2   | Residues (petroleum), steam-cracked light, arom.;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by the distillation of the products of steam cracking or similar processes after taking off the very light products resulting in a residue starting with hydrocarbons having carbon numbers greater than C <sub>5</sub> . It consists predominantly of aromatic hydrocarbons having carbon numbers greater than C <sub>5</sub> and boiling above approximately 40 °C (104 °F).] | 310-057-6 | 102110-55-4 | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-401-00-8   | Hydrocarbons, C <sub>5</sub> , C <sub>5-6</sub> -rich;<br>Low boiling point naphtha - unspecified  | 270-690-8 | 68476-50-6  | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-402-00-3   | Hydrocarbons, C <sub>5</sub> -rich;<br>Low boiling point naphtha - unspecified   | 270-695-5 | 68476-55-1  | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 649-403-00-9   | Aromatic hydrocarbons, C <sub>8-10</sub> ;<br>Low boiling point naphtha - unspecified  | 292-695-4 | 90989-39-2  | Carc. 1B<br>Muta. 1B<br>Asp. Tox. 1     | H350<br>H340<br>H304          | GHS08<br>Dgr                       | H350<br>H340<br>H304          |   |  | H P      |
| 650-016-00-2   | Mineral wool, with the exception of those specified elsewhere in this Annex;<br>[Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content greater than 18 % by weight]  | —         | —           | Carc. 2                                 | H351                          | GHS08<br>Wng                       | H351                          |   |  | AQR      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č. | CAS č. | Klasifikácia                            |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-faktory | Poznámky |
|----------------|---|-------|--------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |       |        | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 650-017-00-8   | Refractory Ceramic Fibres, Special Purpose Fibres, with the exception of those specified elsewhere in this Annex;<br>[Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+ MgO+BaO) content less or equal to 18 % by weight] | —     | —      | Carc. 1B                                | H350i                         | GHS08<br>Dgr                       | H350i                         |   |  | AR       |

## PRÍLOHA II

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.   | CAS č.  | Klasifikácia   |  | Označovanie                             |  |   | Špecifické koncentračné limity M-faktory | Poznámky |
|----------------|--|---|---|--|--|---|--|---|--|----------|
|                |  |   |   | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                                  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                                  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 003-003-00-5   | (2-methylpropyl)lithium;<br>isobutyllithium  | 440-620-2                                       | 920-36-5  | Water-react. 1<br>Pyr. Liq. 1<br>Skin Corr. 1A<br>STOT SE 3<br>Aquatic Acute 1<br>Aquatic Chronic 1                                    | H260<br>H250<br>H314<br>H336<br>H400<br>H410                   | GHS02<br>GHS05<br>GHS07<br>GHS09<br>Dgr | H260<br>H250<br>H314<br>H336<br>H410                           | EUH014                                      |  |          |
| 005-007-00-2   | boric acid; [1]<br>boric acid, crude natural, containing not more than 85 per cent of H <sub>3</sub> BO <sub>3</sub> calculated on the dry weight [2]  | 233-139-2 [1]<br>234-343-4 [2]                  | 10043-35-3 [1]<br>11113-50-1 [2]                  | Repr. 1B   | H360FD   | GHS08<br>Dgr                            | H360FD   |   | Repr. 1B; H360FD:<br>C ≥ 5,5 %           |          |
| 005-008-00-8   | diboron trioxide;<br>boric oxide   | 215-125-8                                       | 1303-86-2   | Repr. 1B   | H360FD   | GHS08<br>Dgr                            | H360FD   |   | Repr. 1B; H360FD:<br>C ≥ 3,1 %           |          |
| 005-011-00-4   | disodium tetraborate, anhydrous;<br>boric acid, disodium salt; [1]<br>tetraboron disodium heptaoxide, hydrate; [2]<br>orthoboric acid, sodium salt [3] | 215-540-4 [1]<br>235-541-3 [2]<br>237-560-2 [3] | 1330-43-4 [1]<br>12267-73-1 [2]<br>13840-56-7 [3] | Repr. 1B   | H360FD   | GHS08<br>Dgr                            | H360FD   |   | Repr. 1B; H360FD:<br>C ≥ 4,5 %           |          |
| 005-011-01-1   | disodium tetraborate decahydrate;<br>borax decahydrate   | 215-540-4                                       | 1303-96-4   | Repr. 1B   | H360FD   | GHS08<br>Dgr                            | H360FD   |   | Repr. 1B; H360FD:<br>C ≥ 8,5 %           |          |
| 005-011-02-9   | disodium tetraborate pentahydrate;<br>borax pentahydrate   | 215-540-4                                       | 12179-04-3  | Repr. 1B   | H360FD   | GHS08<br>Dgr                            | H360FD   |   | Repr. 1B; H360FD:<br>C ≥ 6,5 %           |          |
| 005-013-00-5   | diethylmethoxyborane   | 425-380-9                                       | 7397-46-8   | Pyr. Liq. 1<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Skin Corr. 1B<br>Skin Sens. 1<br>Aquatic Chronic 4 | H250<br>H332<br>H312<br>H302<br>H373**<br>H314<br>H317<br>H413 | GHS02<br>GHS05<br>GHS08<br>GHS07<br>Dgr | H250<br>H332<br>H312<br>H302<br>H373**<br>H314<br>H317<br>H413 |   |  |          |
| 005-014-00-0   | 4-formylphenylboronic acid   | 438-670-5                                       | 87199-17-5  | Skin Sens. 1   | H317   | GHS07<br>Wng                            | H317   |   |  |          |



| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.   | CAS č.   | Klasifikácia  |  | Označovanie                             |  |   | Špecifické koncentračné limity M-faktory   | Poznámky |
|----------------|--|---|--|---|--|---|--|---|--|----------|
|                |  |   |  | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 005-015-00-6   | 1-chloromethyl-4-fluoro-1,4-diazoniabicyclo[2.2.2]octane bis(tetrafluoroborate)  | 414-380-4                                       | 140681-55-6  | Acute Tox. 4 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 3                       | H302<br>H318<br>H317<br>H412                   | GHS05<br>GHS07<br>Dgr                   | H302<br>H318<br>H317<br>H412                   |   |  |          |
| 005-016-00-1   | tetrabutylammonium butyl tris-(4-tert-butylphenyl)borate   | 431-370-5                                       | —  | Aquatic Chronic 4   | H413   | —                                       | H413   |   |  |          |
| 005-017-00-7   | sodium perborate; [1]<br>sodium peroxometaborate; [2]<br>sodium peroxoborate;<br>[containing < 0,1 % (w/w) of particles with an aerodynamic diameter of below 50 µm]   | 239-172-9 [1]<br>231-556-4 [2]                  | 15120-21-5 [1]<br>7632-04-4 [2]                    | Oxid. Sol. 2<br>Repr. 1B<br>Acute Tox. 4 *<br>STOT SE 3<br>Eye Dam. 1                   | H272<br>H360Df<br>H302<br>H335<br>H318         | GHS03<br>GHS05<br>GHS08<br>GHS07<br>Dgr | H272<br>H360Df<br>H302<br>H335<br>H318         |   | Repr. 1B; H360Df:<br>C ≥ 9 %<br>Repr. 1B; H360D:<br>6,5 % ≤ C < 9 %<br>Eye Dam. 1; H318:<br>C ≥ 22 %<br>Eye Irrit. 2; H319:<br>14 % ≤ C < 22 %   |          |
| 005-017-01-4   | sodium perborate; [1]<br>sodium peroxometaborate; [2]<br>sodium peroxoborate;<br>[containing ≥ 0,1 % (w/w) of particles with an aerodynamic diameter of below 50 µm]   | 239-172-9 [1]<br>231-556-4 [2]                  | 15120-21-5 [1]<br>7632-04-4 [2]                    | Oxid. Sol. 2<br>Repr. 1B<br>Acute Tox. 3 *<br>Acute Tox. 4 *<br>STOT SE 3<br>Eye Dam. 1 | H272<br>H360Df<br>H331<br>H302<br>H335<br>H318 | GHS03<br>GHS06<br>GHS05<br>GHS08<br>Dgr | H272<br>H360Df<br>H331<br>H302<br>H335<br>H318 |   | Repr. 1B; H360Df:<br>C ≥ 9 %<br>Repr. 1B; H360D:<br>6,5 % ≤ C < 9 %<br>Eye Dam. 1; H318:<br>C ≥ 22 %<br>Eye Irrit. 2; H319:<br>14 % ≤ C < 22 %   |          |
| 005-018-00-2   | perboric acid (H3BO2(O2)), mono-sodium salt trihydrate; [1]<br>perboric acid, sodium salt, tetrahydrate; [2]<br>perboric acid (HBO(O2)), sodium salt, tetrahydrate; [3]<br>sodium peroxoborate hexahydrate;<br>[containing < 0,1 % (w/w) of particles with an aerodynamic diameter of below 50 µm] | 239-172-9 [1]<br>234-390-0 [2]<br>231-556-4 [3] | 13517-20-9 [1]<br>37244-98-7 [2]<br>10486-00-7 [3] | Repr. 1B<br>STOT SE 3<br>Eye Dam. 1   | H360Df<br>H335<br>H318                         | GHS05<br>GHS08<br>GHS07<br>Dgr          | H360Df<br>H335<br>H318                         |   | Repr. 1B; H360 Df:<br>C ≥ 14 %<br>Repr. 1B; H360D:<br>10 % ≤ C < 14 %<br>Eye Dam. 1; H318:<br>C ≥ 36 %<br>Eye Irrit. 2; H319:<br>22 % ≤ C < 36 % |          |

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|----------------|---|---|--|---|--|---|--|---|--|----------|
|                |   |   |  | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 005-018-01-X   | perboric acid (H3BO2(O2)), monosodium salt, trihydrate; [1]<br>perboric acid, sodium salt, tetrahydrate; [2]<br>perboric acid (HBO(O2)), sodium salt, tetrahydrate; [3]<br>sodium peroxoborate hexahydrate; [containing ≥ 0,1 % (w/w) of particles with an aerodynamic diameter of below 50 µm] | 239-172-9 [1]<br>234-390-0 [2]<br>231-556-4 [3] | 13517-20-9 [1]<br>37244-98-7 [2]<br>10486-00-7 [3] | Repr. 1B<br>Acute Tox. 4 *<br>STOT SE 3<br>Eye Dam. 1                                   | H360Df<br>H332<br>H335<br>H318                 | GHS05<br>GHS08<br>GHS07<br>Dgr          | H360Df<br>H332<br>H335<br>H318                 |   | Repr. 1B; H360 Df:<br>C ≥ 14 %<br>Repr. 1B; H360D:<br>10 % ≤ C < 14 %<br>Eye Dam. 1; H318:<br>C ≥ 36 %<br>Eye Irrit. 2; H319:<br>22 % ≤ C < 36 % |          |
| 005-019-00-8   | perboric acid, sodium salt; [1]<br>perboric acid, sodium salt, monohydrate; [2]<br>perboric acid (HBO(O2)), sodium salt, monohydrate; [3]<br>sodium peroxoborate;<br>[containing < 0,1 % (w/w) of particles with an aerodynamic diameter of below 50 µm]  | 234-390-0 [1]<br>234-390-0 [2]<br>231-556-4 [3] | 11138-47-9 [1]<br>12040-72-1 [2]<br>10332-33-9 [3] | Oxid. Sol. 3<br>Repr. 1B<br>Acute Tox. 4 *<br>STOT SE 3<br>Eye Dam. 1                   | H272<br>H360Df<br>H302<br>H335<br>H318         | GHS03<br>GHS05<br>GHS08<br>GHS07<br>Dgr | H272<br>H360Df<br>H302<br>H335<br>H318         |   | Repr. 1B; H360Df:<br>C ≥ 9 %<br>Repr. 1B; H360D:<br>6,5 % ≤ C < 9 %<br>Eye Dam. 1; H318:<br>C ≥ 22 %<br>Eye Irrit. 2; H319:<br>14 % ≤ C < 22 %   |          |
| 005-019-01-5   | perboric acid, sodium salt; [1]<br>perboric acid, sodium salt, monohydrate; [2]<br>perboric acid (HBO(O2)), sodium salt, monohydrate; [3]<br>sodium peroxoborate;<br>[containing ≥ 0,1 % (w/w) of particles with an aerodynamic diameter of below 50 µm]  | 234-390-0 [1]<br>234-390-0 [2]<br>231-556-4 [3] | 11138-47-9 [1]<br>12040-72-1 [2]<br>10332-33-9 [3] | Oxid. Sol. 3<br>Repr. 1B<br>Acute Tox. 3 *<br>Acute Tox. 4 *<br>STOT SE 3<br>Eye Dam. 1 | H272<br>H360Df<br>H331<br>H302<br>H335<br>H318 | GHS03<br>GHS06<br>GHS05<br>GHS08<br>Dgr | H272<br>H360Df<br>H331<br>H302<br>H335<br>H318 |   | Repr. 1B; H360Df:<br>C ≥ 9 %<br>Repr. 1B; H360D:<br>6,5 % ≤ C < 9 %<br>Eye Dam. 1; H318:<br>C ≥ 22 %<br>Eye Irrit. 2; H319:<br>14 % ≤ C < 22 %   |          |
| 006-091-00-3   | propineb (ISO);<br>polymeric zinc propylenebis(dithiocarbamate)   | —   | 9016-72-2  | Acute Tox. 4 *<br>STOT RE 2 *<br>Skin Sens. 1<br>Aquatic Acute 1                        | H332<br>H373**<br>H317<br>H400                 | GHS08<br>GHS07<br>GHS09<br>Wng          | H332<br>H373**<br>H317<br>H400                 |   |  |          |
| 006-092-00-9   | tert-butyl (1S)-N-[1-((2S)-2-oxiranyl)-2-phenylethyl]carbamate  | 425-420-5                                       | 98737-29-2   | Aquatic Acute 1<br>Aquatic Chronic 1  | H400<br>H410                                   | GHS09<br>Wng                            | H410   |   |  |          |
| 006-093-00-4   | 2,2'-dithio di(ethylammonium)-bis(dibenzylidithiocarbamate)   | 427-180-7                                       | —  | Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                  | H302<br>H317<br>H400<br>H410                   | GHS07<br>GHS09<br>Wng                   | H302<br>H317<br>H410                           |   |  |          |

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|----------------|---|-----------|-------------|--|--|---|--|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                          | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                          | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 006-094-00-X   | O-isobutyl-N-ethoxy carbonylthiocarbamate   | 434-350-4 | 103122-66-3 | Flam. Liq. 3<br>Carc. 1B<br>Muta. 1B<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Skin Sens. 1<br>Aquatic Chronic 2 | H226<br>H350<br>H340<br>H302<br>H373**<br>H317<br>H411 | GHS02<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H226<br>H350<br>H340<br>H302<br>H373**<br>H317<br>H411 |   |  |          |
| 006-095-00-5   | fosetyl-aluminium (ISO); aluminium triethyl triphosphonate  | 254-320-2 | 39148-24-8  | Eye Dam. 1   | H318   | GHS05<br>Dgr                            | H318   |   |  |          |
| 006-096-00-0   | chlorpropham (ISO); isopropyl 3-chlorocarbanilate   | 202-925-7 | 101-21-3    | Carc. 2<br>STOT RE 2 *<br>Aquatic Chronic 2  | H351<br>H373**<br>H411                                 | GHS08<br>GHS09<br>Wng                   | H351<br>H373**<br>H411                                 |   |  |          |
| 006-097-00-6   | 1-phenyl-3-(p-toluenesulfonyl)urea  | 424-620-1 | 13909-63-2  | Acute Tox. 4 *<br>STOT RE 2 *<br>Aquatic Chronic 3   | H302<br>H373**<br>H412                                 | GHS08<br>GHS07<br>Wng                   | H302<br>H373**<br>H412                                 |   |  |          |
| 006-098-00-1   | tert-butyl (1R,5S)-3-azabicyclo[3.1.0]hex-6-ylcarbamate   | 429-170-8 | 134575-17-0 | Acute Tox. 4 *<br>STOT RE 2 *<br>Eye Dam. 1<br>Skin Sens. 1  | H302<br>H373**<br>H318<br>H317                         | GHS05<br>GHS08<br>GHS07<br>Dgrg         | H302<br>H373**<br>H318<br>H317                         |   |  |          |
| 006-099-00-7   | N-(p-toluenesulfonyl)-N'-(3-(p-toluenesulfonyloxy)phenyl)urea; 3-(((4-methylphenyl)sulfonyl)carbamoyl)amino)phenyl 4-methylbenzenesulfonate   | 432-520-2 | 232938-43-1 | Aquatic Chronic 2  | H411   | GHS09                                   | H411   |   |  |          |
| 006-101-00-6   | reaction mass of: N,N''-(methylenedi-4,1-phenylene)bis[N'-phenylurea]; N-(4-[[4-[[[(phenylamino)carbonyl]amino]phenylmethyl]phenyl]-N'-cyclohexylurea]; N,N''-(methylenedi-4,1-phenylene)bis[N'-cyclohexylurea] | 423-070-8 | —           | Aquatic Chronic 4  | H413   | —                                       | H413   |   |  |          |

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|----------------|---|-----------|-------------|--|--|---|--|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 006-102-00-1   | O-hexyl-N-ethoxycarbonylthiocarbamate   | 432-750-3 | —           | Carc. 1B<br>Muta. 1B<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Skin Sens. 1<br>Aquatic Chronic 2   | H350<br>H340<br>H302<br>H373**<br>H317<br>H411                         | GHS08<br>GHS07<br>GHS09<br>Dgr          | H350<br>H340<br>H302<br>H373**<br>H317<br>H411                         |   |  |          |
| 006-103-00-7   | N,N''-(methylenedi-4,1-phenylene)bis[N'-octyl]urea  | 445-760-8 | —           | Eye Dam. 1<br>Resp. Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H318<br>H334<br>H400<br>H410   | GHS05<br>GHS08<br>GHS09<br>Dgr          | H318<br>H334<br>H410   |   | M=100                                    |          |
| 007-028-00-2   | hydroxylammonium nitrate  | 236-691-2 | 13465-08-2  | Expl. 1.1 ****<br>Carc. 2<br>Acute Tox. 3 *<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Eye Irrit. 2<br>Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Acute 1 | H201<br>H351<br>H311<br>H302<br>H373**<br>H319<br>H315<br>H317<br>H400 | GHS01<br>GHS06<br>GHS08<br>GHS09<br>Dgr | H201<br>H351<br>H311<br>H302<br>H373**<br>H319<br>H315<br>H317<br>H400 |   |  |          |
| 007-029-00-8   | diethyldimethylammonium hydroxide   | 419-400-5 | 95500-19-9  | Acute Tox. 4 *<br>Acute Tox. 4 *<br>Skin Corr. 1A  | H312<br>H302<br>H314   | GHS05<br>GHS07<br>Dgr                   | H312<br>H302<br>H314   |   |  |          |
| 012-004-00-X   | aluminium-magnesium-carbonate-hydroxide-perchlorate-hydrate   | 422-150-1 | —           | Aquatic Acute 1<br>Aquatic Chronic 1   | H400<br>H410   | GHS09<br>Wng                            | H410   |   |  |          |
| 013-010-00-5   | hydroxy aluminium bis(2,4,8,10-tetra-tert-butyl-6-hydroxy-12H-dibenzo[d,g][1.3.2]dioxaphosphocin-6-oxide) | 430-650-4 | 151841-65-5 | Aquatic Chronic 2  | H411   | GHS09                                   | H411   |   |  |          |
| 014-033-00-3   | 2-methyl-3-(trimethoxysilyl)propyl-2-propenoate hydrolysis product with silica                            | 419-030-4 | 125804-20-8 | Flam. Liq. 2<br>Eye Irrit. 2<br>STOT SE 3  | H225<br>H319<br>H336   | GHS02<br>GHS07<br>Dgr                   | H225<br>H319<br>H336   |   |  |          |
| 014-034-00-9   | 3-hexylheptamethyltrisiloxane   | 428-700-5 | 1873-90-1   | Acute Tox. 4 *<br>Aquatic Chronic 4  | H332<br>H413   | GHS07<br>Wng                            | H332<br>H413   |   |  |          |
| 014-035-00-4   | 2-(3,4-epoxycyclohexyl)ethyltriethoxy silane  | 425-050-4 | 10217-34-2  | Skin Sens. 1<br>Aquatic Chronic 3  | H317<br>H412   | GHS07<br>Wng                            | H317<br>H412   |   |  |          |

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|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie               | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 014-036-00-X   | (4-ethoxyphenyl)(3-(4-fluoro-3-phenoxyphenyl)propyl)dimethylsilane   | 405-020-7 | 105024-66-6 | Repr. 1B<br>Aquatic Acute 1<br>Aquatic Chronic 1      | H360F***<br>H400<br>H410      | GHS08<br>GHS09<br>Dgr              | H360F***<br>H410              |   | M=1000                                   |          |
| 014-037-00-5   | 2-butanone-O,O',O"-<br>(phenylsilylidyne)trioxime  | 433-360-6 | 34036-80-1  | STOT RE 2 *<br>Skin Sens. 1<br>Aquatic Chronic 3      | H373**<br>H317<br>H412        | GHS08<br>GHS07<br>Wng              | H373**<br>H317<br>H412        |   |  |          |
| 014-038-00-0   | S-(3-(triethoxysilyl)propyl)octanethioate  | 436-690-9 | 220727-26-4 | Skin Sens. 1  | H317                          | GHS07<br>Wng                       | H317                          |   |  |          |
| 014-039-00-6   | (2,3-dimethylbut-2-yl)-<br>trimethoxysilane  | 439-360-2 | 142877-45-0 | Skin Irrit. 2<br>Eye Dam. 1<br>Aquatic Chronic 3      | H315<br>H318<br>H412          | GHS05<br>Dgr                       | H315<br>H318<br>H412          |   |  |          |
| 014-041-00-7   | N,N-<br>bis(trimethylsilyl)aminopropylme-<br>thyldiethoxysilane  | 445-890-5 | 201290-01-9 | Acute Tox. 4 *<br>Skin Sens. 1                        | H302<br>H317                  | GHS07<br>Wng                       | H302<br>H317                  |   |  |          |
| 014-042-00-2   | reaction mass of: O,O',O",O"-<br>silanetetrayl tetrakis(4-methyl-2-<br>pentanone oxime) (3 stereoisomers)  | 423-010-0 | —           | Eye Dam. 1  | H318                          | GHS05<br>Dgr                       | H318                          |   |  |          |
| 014-043-00-8   | reaction product of amorphous silica<br>(50-85 %), butyl (1-methylpropyl)<br>magnesium (3-15 %), tetraethyl or-<br>thosilicate (5-15 %) and titanium<br>tetrachloride (5-20 %) | 432-200-2 | —           | Aquatic Chronic 2                                     | H411                          | GHS09                              | H411                          |   |  |          |
| 014-044-00-3   | 3-[(4'-acetoxo-3'-methoxyphenyl)<br>propyl]trimethoxysilane  | 433-050-0 | —           | Aquatic Chronic 2                                     | H411                          | GHS09                              | H411                          |   |  |          |
| 014-045-00-9   | magnesium sodium fluoride silicate   | 442-650-1 | —           | STOT RE 2 *   | H373**                        | GHS08<br>Wng                       | H373**                        |   |  |          |
| 015-113-00-0   | tolclofos-methyl (ISO);<br>O-(2,6-dichloro-p-tolyl)-O,O-<br>dimethyl thiophosphate   | 260-515-3 | 57018-04-9  | Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H317<br>H400<br>H410          | GHS07<br>GHS09<br>Wng              | H317<br>H410                  |   |  |          |
| 015-182-00-7   | tetraisopropylidichloromethylene-<br>bisphosphonate  | 430-630-5 | 10596-22-2  | Acute Tox. 4 *<br>Eye Irrit. 2<br>Skin Sens. 1        | H302<br>H319<br>H317          | GHS06<br>Wng                       | H302<br>H319<br>H317          |   |  |          |
| 015-183-00-2   | (1-hydroxydodecylidene)diphosphonic<br>acid  | 425-230-2 | 16610-63-2  | Skin Corr. 1B<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H314<br>H400<br>H410          | GHS05<br>GHS09<br>Dgr              | H314<br>H410                  |   |  |          |

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|----------------|---|-----------|-------------|--|--------------------------------------|---|--------------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení        | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení        | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 015-188-00-X   | (1-methylethylidene)di-4,1-phenylenetetraphenyl diphosphate   | 425-220-8 | 5945-33-5   | Aquatic Chronic 4  | H413                                 | —                                       | H413                                 |   |  |          |
| 015-190-00-0   | bis(2,4-dicumylphenyl) neopentyl diphosphite;<br>3,9-bis[2,4-bis(1-methyl-1-phenylethyl)phenoxy]-2,4,8,10-tetraoxa-3,9-diphosphaspiro[5.5]undecane  | 421-920-2 | 154862-43-8 | Aquatic Chronic 4  | H413                                 | —                                       | H413                                 |   |  |          |
| 015-191-00-6   | dodecyldiphenyl phosphate   | 431-760-5 | 27460-02-2  | Skin Irrit. 2<br>Aquatic Chronic 3   | H315<br>H412                         | GHS07<br>Wng                            | H315<br>H412                         |   |  |          |
| 015-192-00-1   | tetrakis(2,6-dimethylphenyl)- <i>m</i> -phenylene biphosphate   | 432-770-2 | 139189-30-3 | Skin Sens. 1<br>Aquatic Chronic 4  | H317<br>H413                         | GHS07<br>Wng                            | H317<br>H413                         |   |  |          |
| 015-193-00-7   | triphenyl(phenylmethyl)phosphonium 1,1,2,2,3,3,4,4,4-nonafluoro- <i>N</i> -methyl-1-butanefulfonamide (1:1)   | 442-960-7 | 332350-93-3 | Acute Tox. 3 *<br>Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                   | H301<br>H318<br>H400<br>H410         | GHS05<br>GHS06<br>GHS09<br>Dgr          | H301<br>H318<br>H410                 |   |  |          |
| 015-194-00-2   | tetrabutyl-phosphonium nonafluorobutane-1-sulfonate   | 444-440-5 | 220689-12-3 | Acute Tox. 4 *<br>Aquatic Chronic 3  | H302<br>H412                         | GHS07<br>Wng                            | H302<br>H412                         |   |  |          |
| 015-195-00-8   | reaction mass of: potassium <i>o</i> -toluenephosphonate;<br>potassium <i>m</i> -toluenephosphonate;<br>potassium <i>p</i> -toluenephosphonate  | 433-860-4 | —           | Eye Irrit. 2<br>Skin Sens. 1<br>Aquatic Chronic 3                                      | H319<br>H317<br>H412                 | GHS07<br>Wng                            | H319<br>H317<br>H412                 |   |  |          |
| 015-196-00-3   | reaction mass of: dimethyl (2-(hydroxymethylcarbamoyl)ethyl) phosphonate;<br>diethyl (2-(hydroxymethylcarbamoyl)ethyl) phosphonate;<br>methyl ethyl (2-(hydroxymethylcarbamoyl)ethyl) phosphonate | 435-960-3 | —           | Carc. 1B<br>Muta. 1B<br>Skin Sens. 1   | H350<br>H340<br>H317                 | GHS08<br>GHS07<br>Dgr                   | H350<br>H340<br>H317                 |   |  |          |
| 015-197-00-9   | bis(2,4,4-trimethylpentyl) dithiophosphonic acid  | 420-160-9 | 107667-02-7 | Flam. Liq. 3<br>Acute Tox. 3 *<br>Acute Tox. 4 *<br>Skin Corr. 1B<br>Aquatic Chronic 2 | H226<br>H331<br>H302<br>H314<br>H411 | GHS02<br>GHS06<br>GHS05<br>GHS09<br>Dgr | H226<br>H331<br>H302<br>H314<br>H411 |   |  |          |

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|----------------|--|-----------|-------------|---|---------------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení         | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 015-198-00-4   | (4-phenylbutyl)phosphinic acid   | 420-450-5 | 86552-32-1  | Carc. 2<br>Eye Dam. 1   | H351<br>H318                          | GHS05<br>GHS08<br>Dgr              | H351<br>H318                  |   |  |          |
| 016-092-00-0   | reaction mass of: 4,7-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol;<br>4,8-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol;<br>5,7-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol | 427-050-1 | —           | Repr. 1A<br>Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H361f<br>H315<br>H317<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Dgr     | H361f<br>H315<br>H317<br>H410 |   |  |          |
| 016-094-00-1   | sulfur   | 231-722-6 | 7704-34-9   | Skin Irrit. 2   | H315                                  | GHS07<br>Wng                       | H315                          |   |  |          |
| 016-097-00-8   | 1-amino-2-methyl-2-propanethiol hydrochloride  | 434-480-1 | 32047-53-3  | Acute Tox. 4 *<br>Skin Corr. 1B<br>Skin Sens. 1<br>Aquatic Chronic 3              | H302<br>H314<br>H317<br>H412          | GHS05<br>GHS07<br>Dgr              | H302<br>H314<br>H317<br>H412  |   |  |          |
| 017-023-00-7   | [phosphinyldynetr(oxy)] tris[3-aminopropyl-2-hydroxy-N,N-dimethyl-N-(C <sub>6-18</sub> )-alkyl] trichlorides   | 425-520-9 | 197179-61-6 | Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                                | H318<br>H400<br>H410                  | GHS05<br>GHS09<br>Dgr              | H318<br>H410                  |   |  |          |
| 022-004-00-1   | potassium titanium oxide (K <sub>2</sub> Ti <sub>6</sub> O <sub>13</sub> )   | 432-240-0 | 12056-51-8  | Carc. 2   | H351                                  | GHS08<br>Dgr                       | H351                          |   |  |          |
| 022-005-00-7   | [N-(1,1-dimethylethyl)-1,1-dimethyl-1-[(1,2,3,4,5-η)-2,3,4,5-tetramethyl-2,4-cyclopentadien-1-yl]silanaminato(2-)-κN][(1,2,3,4-η)-1,3-pentadiene]-titanium   | 419-840-8 | 169104-71-6 | Flam. Sol. 1****<br>Skin Corr. 1B<br>Skin Sens. 1<br>Aquatic Chronic 4            | H228<br>H314<br>H317<br>H413          | GHS02<br>GHS05<br>GHS07<br>Dgr     | H228<br>H314<br>H317<br>H413  |   |  |          |
| 024-021-00-X   | potassium tetrasodium bis[(N,N'-n)-1'-(phenylcarbamoyl)-3,5-disulfonatobenzeneazo-1'-prop-1'-ene-2,2'-diolato]chromate(III)  | 425-830-4 | —           | Eye Dam. 1  | H318                                  | GHS05<br>Dgr                       | H318                          |   |  |          |
| 026-003-00-7   | iron (II) sulfate  | 231-753-5 | 7720-78-7   | Acute Tox. 4 *<br>Eye Irrit. 2<br>Skin Irrit. 2                                   | H302<br>H319<br>H315                  | GHS07<br>Wng                       | H302<br>H319<br>H315          |   |  |          |

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|----------------|--|-----------|------------|--|---|------------------------------------|---|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                             | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení                     | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 026-003-01-4   | iron (II) sulfate (1:1) heptahydrate; sulfuric acid, iron(II) salt (1:1), heptahydrate; ferrous sulfate heptahydrate                     | 231-753-5 | 7782-63-0  | Acute Tox. 4 *<br>Eye Irrit. 2<br>Skin Irrit. 2  | H302<br>H319<br>H315                                      | GHS07<br>Wng                       | H302<br>H319<br>H315                              |   | Skin Irrit. 2; H315:<br>C ≥ 25 %         |          |
| 026-004-00-2   | potassium ferrite  | 430-010-4 | 12160-44-0 | Skin Corr. 1B<br>Skin Sens. 1  | H314<br>H317  | GHS05<br>GHS07<br>Dgr              | H314<br>H317                                      |   |  |          |
| 027-006-00-6   | cobalt acetate   | 200-755-8 | 71-48-7    | Carc. 1B<br>Muta. 2<br>Repr. 1B<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H341<br>H360F***<br>H334<br>H317<br>H400<br>H410 | GHS08<br>GHS09<br>Dgr              | H350i<br>H341<br>H360F***<br>H334<br>H317<br>H410 |   | Carc. 1B; H350i:<br>C ≥ 0,01 %<br>M=10   | 1        |
| 027-007-00-1   | zinc hexacyanocobaltate(III), tertiary butyl alcohol/polypropylene glycol complex  | 425-240-7 | —          | Eye Dam. 1<br>Aquatic Chronic 2  | H318<br>H411  | GHS05<br>GHS09<br>Dgr              | H318<br>H411                                      |   |  |          |
| 027-008-00-7   | complex of cobalt(III)-bis(N-phenyl-4-(5-ethylsulfonyl-2-hydroxyphenylazo)-3-hydroxynaphthylamide), hydrated (n H <sub>2</sub> O, 2<n<3) | 427-390-9 | —          | Skin Sens. 1   | H317  | GHS07<br>Wng                       | H317  |   |  |          |
| 027-009-00-2   | cobalt nitrate   | 233-402-1 | 10141-05-6 | Carc. 1B<br>Muta. 2<br>Repr. 1B<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H341<br>H360F***<br>H334<br>H317<br>H400<br>H410 | GHS08<br>GHS09<br>Dgr              | H350i<br>H341<br>H360F***<br>H334<br>H317<br>H410 |   | Carc. 1B; H350i:<br>C ≥ 0,01 %<br>M=10   | 1        |
| 027-010-00-8   | cobalt carbonate   | 208-169-4 | 513-79-1   | Carc. 1B<br>Muta. 2<br>Repr. 1B<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H341<br>H360F***<br>H334<br>H317<br>H400<br>H410 | GHS08<br>GHS09<br>Dgr              | H350i<br>H341<br>H360F***<br>H334<br>H317<br>H410 |   | Carc. 1B; H350i:<br>C ≥ 0,01 %<br>M=10   | 1        |



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|----------------|---|--------------------------------|----------------------------------|--|---|--|---|---|--|----------|
|                |   |                                |                                  | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení   | Piktogram, kód(y) výstražných slov               | Kód(y) výstražných upozornení   | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 028-002-01-4   | nickel powder;<br>[particle diameter < 1 mm]          | 231-111-4                      | 7440-02-0                        | Carc. 2<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Chronic 3  | H351<br>H372**<br>H317<br>H412  | GHS08<br>GHS07<br>Dgr                            | H351<br>H372**<br>H317<br>H412  |   |  |          |
| 028-011-00-6   | nickel dichloride                                     | 231-743-0                      | 7718-54-9                        | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>STOT RE 1<br>Skin Irrit. 2<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                             | H350i<br>H341<br>H360D***<br>H331<br>H301<br>H372**<br>H315<br>H334<br>H317<br>H400<br>H410         | GHS06<br>GHS08<br>GHS09<br>Dgr                   | H350i<br>H341<br>H360D***<br>H331<br>H301<br>H372**<br>H315<br>H334<br>H317<br>H410         |   | STOT RE. 1; H373:<br>C ≥ 1 %<br>STOT RE. 2; H373:<br>0,1 % < C < 1 %<br>Skin Irrit. 2; H315:<br>C ≥ 20 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 |          |
| 028-012-00-1   | nickel dinitrate; [1]<br>nitric acid, nickel salt [2] | 236-068-5 [1]<br>238-076-4 [2] | 13138-45-9 [1]<br>14216-75-2 [2] | Ox. Sol. 2<br>Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Skin Irrit. 2<br>Eye Dam. 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H272<br>H350i<br>H341<br>H360D***<br>H372**<br>H332<br>H302<br>H318<br>H315<br>H317<br>H400<br>H410 | GHS03<br>GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H272<br>H350i<br>H341<br>H360D***<br>H372**<br>H332<br>H302<br>H318<br>H315<br>H317<br>H410 |   | STOT RE. 1; H373:<br>C ≥ 1 %<br>STOT RE. 2; H373:<br>0,1 % < C < 1 %<br>Skin Irrit. 2; H315:<br>C ≥ 20 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 |          |
| 028-013-00-7   | nickel matte  | 273-749-6                      | 69012-50-6                       | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H350i<br>H372**<br>H317<br>H400<br>H410   | GHS08<br>GHS07<br>GHS09<br>Dgr                   | H350i<br>H372**<br>H317<br>H410   |   |  | H        |

| Indexové číslo | Medzinárodná identifikácia chemických látok                                    | ES č.     | CAS č.     | Klasifikácia   |   | Označovanie                        |   |   | Špecifické koncentračné limity M-faktory   | Poznámky |
|----------------|--|-----------|------------|--|---|------------------------------------|---|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení   | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení   | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 028-014-00-2   | slimes and sludges, copper electrolytic refining, decopperised, nickel sulfate | 295-859-3 | 92129-57-2 | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Skin Irrit. 2<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H341<br>H360D***<br>H372**<br>H332<br>H302<br>H315<br>H334<br>H317<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H341<br>H360D***<br>H372**<br>H332<br>H302<br>H315<br>H334<br>H317<br>H410 |   | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 |          |
| 028-015-00-8   | slimes and sludges, copper electrolyte refining, decopperised                  | 305-433-1 | 94551-87-8 | Carc. 1A<br>Muta. 2<br>Repr. 1A<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H400<br>H410                         | GHS08<br>GHS09<br>Dgr              | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H410                         |   |  | H        |
| 028-016-00-3   | nickel diperchlorate; perchloric acid, nickel(II) salt                         | 237-124-1 | 13637-71-3 | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Skin Corr. 1B<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                                     | H350i<br>H341<br>H360D***<br>H372**<br>H314<br>H334<br>H317<br>H400<br>H410                 | GHS05<br>GHS08<br>GHS09<br>Dgr     | H350i<br>H341<br>H360D***<br>H372**<br>H314<br>H334<br>H317<br>H410                 |   | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 | H        |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.   | CAS č.  | Klasifikácia  |   | Označovanie                        |   |   | Špecifické koncentračné limity M-faktory   | Poznámky |
|----------------|---|---|---|---|---|------------------------------------|---|---|--|----------|
|                |   |   |   | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení   | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení   | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 028-017-00-9   | nickel dipotassium bis(sulfate); [1]<br>diammonium nickel bis(sulfate) [2]                    | 237-563-9 [1]<br>239-793-2 [2]                  | 13842-46-1 [1]<br>15699-18-0 [2]                  | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H341<br>H360D***<br>H372**<br>H332<br>H302<br>H334<br>H317<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H341<br>H360D***<br>H372**<br>H332<br>H302<br>H334<br>H317<br>H410 |   | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 | H        |
| 028-018-00-4   | nickel bis(sulfamidate);<br>nickel sulfamate  | 237-396-1                                       | 13770-89-3  | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                                     | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H400<br>H410                 | GHS08<br>GHS09<br>Dgr              | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H410                 |   | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 | H        |
| 028-019-00-X   | nickel bis(tetrafluoroborate)   | 238-753-4                                       | 14708-14-6  | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                                     | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H400<br>H410                 | GHS08<br>GHS09<br>Dgr              | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H410                 |   | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 | H        |
| 028-021-00-0   | nickel diformate; [1]<br>formic acid, nickel salt; [2]<br>formic acid, copper nickel salt [3] | 222-101-0 [1]<br>239-946-6 [2]<br>268-755-0 [3] | 3349-06-2 [1]<br>15843-02-4 [2]<br>68134-59-8 [3] | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                                     | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H400<br>H410                 | GHS08<br>GHS09<br>Dgr              | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H410                 |   | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 | H        |

| Indexové číslo | Medzinárodná identifikácia chemických látok      | ES č.                          | CAS č.                         | Klasifikácia  |   | Označovanie                        |   |   | Špecifické koncentračné limity M-faktory   | Poznámky |
|----------------|--|--------------------------------|--------------------------------|---|---|------------------------------------|---|---|--|----------|
|                |  |                                |                                | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení   | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení   | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 028-022-00-6   | nickel di(acetate); [1]<br>nickel acetate [2]    | 206-761-7 [1]<br>239-086-1 [2] | 373-02-4 [1]<br>14998-37-9 [2] | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H341<br>H360D***<br>H372**<br>H332<br>H302<br>H334<br>H317<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H341<br>H360D***<br>H372**<br>H332<br>H302<br>H334<br>H317<br>H410 |   | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 | E H      |
| 028-024-00-7   | nickel dibenzoate                                | 209-046-8                      | 553-71-9                       | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                                     | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H400<br>H410                 | GHS08<br>GHS09<br>Dgr              | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H410                 |   | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 | H        |
| 028-025-00-2   | nickel bis(4-cyclohexylbutyrate)                 | 223-463-2                      | 3906-55-6                      | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                                     | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H400<br>H410                 | GHS08<br>GHS09<br>Dgr              | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H410                 |   | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 |          |
| 028-026-00-8   | nickel(II) stearate;<br>nickel(II) octadecanoate | 218-744-1                      | 2223-95-2                      | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                                     | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H400<br>H410                 | GHS08<br>GHS09<br>Dgr              | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H410                 |   | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 | H        |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.  | CAS č.   | Klasifikácia   |   | Označovanie                        |   |   | Špecifické koncentračné limity M-faktory   | Poznámky |
|----------------|--|--|--|--|---|------------------------------------|---|---|--|----------|
|                |  |  |  | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení   | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení                                       | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 028-027-00-3   | nickel dilactate   | —  | 16039-61-5   | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                  | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H400<br>H410         | GHS08<br>GHS09<br>Dgr              | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H410         |   | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 | H        |
| 028-028-00-9   | nickel(II) octanoate   | 225-656-7  | 4995-91-9  | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Skin Corr. 1A<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H341<br>H360D***<br>H372**<br>H314<br>H334<br>H317<br>H400<br>H410 | GHS05<br>GHS08<br>GHS09<br>Dgr     | H350i<br>H341<br>H360D***<br>H372**<br>H314<br>H334<br>H317<br>H410 |   | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 | H        |
| 028-029-00-4   | nickel difluoride; [1]<br>nickel dibromide; [2]<br>nickel diiodide; [3]<br>nickel potassium fluoride [4] | 233-071-3 [1]<br>236-665-0 [2]<br>236-666-6 [3]<br>- [4] | 10028-18-9 [1]<br>13462-88-9 [2]<br>13462-90-3 [3]<br>11132-10-8 [4] | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                  | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H400<br>H410         | GHS08<br>GHS09<br>Dgr              | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H410         |   | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 | H        |
| 028-030-00-X   | nickel hexafluorosilicate  | 247-430-7  | 26043-11-8   | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                  | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H400<br>H410         | GHS08<br>GHS09<br>Dgr              | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H410         |   | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 | H        |

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|----------------|--|--|--|---|---|------------------------------------|---|---|--|----------|
|                |  |  |  | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                                       | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení                               | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 028-031-00-5   | nickel selenate  | 239-125-2  | 15060-62-5   | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H400<br>H410 | GHS08<br>GHS09<br>Dgr              | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H410 |   | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 | H        |
| 028-032-00-0   | nickel hydrogen phosphate; [1]<br>nickel bis(dihydrogen phosphate); [2]<br>trinickel bis(orthophosphate); [3]<br>dinickel diphosphate; [4]<br>nickel bis(phosphinate); [5]<br>nickel phosphinate; [6]<br>phosphoric acid, calcium nickel salt; [7]<br>diphosphoric acid, nickel(II) salt [8] | 238-278-2 [1]<br>242-522-3 [2]<br>233-844-5 [3]<br>238-426-6 [4]<br>238-511-8 [5]<br>252-840-4 [6]<br>- [7]<br>- [8] | 14332-34-4 [1]<br>18718-11-1 [2]<br>10381-36-9 [3]<br>14448-18-1 [4]<br>14507-36-9 [5]<br>36026-88-7 [6]<br>17169-61-8 [7]<br>19372-20-4 [8] | Carc. 1A<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                        | H350i<br>H372**<br>H334<br>H317<br>H400<br>H410                     | GHS08<br>GHS09<br>Dgr              | H350i<br>H372**<br>H334<br>H317<br>H410                     |   |  | H        |
| 028-033-00-6   | diammonium nickel hexacyanoferrate   | —  | 74195-78-1   | Carc. 1A<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                        | H350i<br>H372**<br>H334<br>H317<br>H400<br>H410                     | GHS08<br>GHS09<br>Dgr              | H350i<br>H372**<br>H334<br>H317<br>H410                     |   |  | H        |
| 028-034-00-1   | nickel dicyanide   | 209-160-8  | 557-19-7   | Carc. 1A<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                        | H350i<br>H372**<br>H334<br>H317<br>H400<br>H410                     | GHS08<br>GHS09<br>Dgr              | H350i<br>H372**<br>H334<br>H317<br>H410                     | EUH032                                      |  | H        |
| 028-035-00-7   | nickel chromate  | 238-766-5  | 14721-18-7   | Carc. 1A<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                        | H350i<br>H372**<br>H334<br>H317<br>H400<br>H410                     | GHS08<br>GHS09<br>Dgr              | H350i<br>H372**<br>H334<br>H317<br>H410                     |   |  | H        |

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|----------------|---|---|--|---|---|------------------------------------|---------------------------------|---|--|----------|
|                |   |   |  | Trieda nebezpečnosti a kód(y) kategórie                                       | Kód(y) výstražných upozornení           | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení   | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 028-036-00-2   | nickel(II) silicate; [1]<br>dinickel orthosilicate; [2]<br>nickel silicate (3:4); [3]<br>silicic acid, nickel salt; [4]<br>trihydrogen hydroxybis[orthosilicato(4-)] trinickelate(3-) [5] | 244-578-4 [1]<br>237-411-1 [2]<br>250-788-7 [3]<br>253-461-7 [4]<br>235-688-3 [5] | 21784-78-1 [1]<br>13775-54-7 [2]<br>31748-25-1 [3]<br>37321-15-6 [4]<br>12519-85-6 [5] | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H372**<br>H317<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H372**<br>H317<br>H410 |   |  | H        |
| 028-037-00-8   | dinickel hexacyanoferrate   | 238-946-3   | 14874-78-3   | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H372**<br>H317<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H372**<br>H317<br>H410 |   |  | H        |
| 028-038-00-3   | trinickel bis(arsenate);<br>nickel(II) arsenate   | 236-771-7   | 13477-70-8   | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350<br>H372**<br>H317<br>H400<br>H410  | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350<br>H372**<br>H317<br>H410  |   |  | H        |
| 028-039-00-9   | nickel oxalate; [1]<br>oxalic acid, nickel salt [2]   | 208-933-7 [1]<br>243-867-2 [2]  | 547-67-1 [1]<br>20543-06-0 [2]   | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H372**<br>H317<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H372**<br>H317<br>H410 |   |  | H        |
| 028-040-00-4   | nickel telluride  | 235-260-6   | 12142-88-0   | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H372**<br>H317<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H372**<br>H317<br>H410 |   |  | H        |
| 028-041-00-X   | trinickel tetrasulfide  | —   | 12137-12-1   | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H372**<br>H317<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H372**<br>H317<br>H410 |   |  | H        |

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|----------------|---|---|--|---|---|------------------------------------|---|---|--|----------|
|                |   |   |  | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                                       | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení                               | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 028-042-00-5   | trinickel bis(arsenite)   | —                                       | 74646-29-0   | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H350i<br>H372**<br>H317<br>H400<br>H410                             | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H372**<br>H317<br>H410                             |   |  | H        |
| 028-043-00-0   | cobalt nickel gray periclase;<br>C.I. Pigment Black 25;<br>C.I. 77332; [1]<br>cobalt nickel dioxide; [2]<br>cobalt nickel oxide [3] | 269-051-6 [1]<br>261-346-8 [2]<br>- [3] | 68186-89-0 [1]<br>58591-45-0 [2]<br>12737-30-3 [3] | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1   | H350i<br>H372**<br>H317   | GHS08<br>GHS07<br>Dgr              | H350i<br>H372**<br>H317                                     |   |  | H        |
| 028-044-00-6   | nickel tin trioxide;<br>nickel stannate   | 234-824-9                               | 12035-38-0   | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1   | H350i<br>H372**<br>H317   | GHS08<br>GHS07<br>Dgr              | H350i<br>H372**<br>H317                                     |   |  | H        |
| 028-045-00-1   | nickel triuranium decaoxide   | 239-876-6                               | 15780-33-3   | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1   | H350i<br>H372**<br>H317   | GHS08<br>GHS07<br>Dgr              | H350i<br>H372**<br>H317                                     |   |  | H        |
| 028-046-00-7   | nickel dithiocyanate  | 237-205-1                               | 13689-92-4   | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H400<br>H410 | GHS08<br>GHS09<br>Dgr              | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H410 | EUH032                                      | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 | H        |
| 028-047-00-2   | nickel dichromate   | 239-646-5                               | 15586-38-6   | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H400<br>H410 | GHS08<br>GHS09<br>Dgr              | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H410 |   | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 | H        |



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|----------------|--|---|--|---|---|------------------------------------|---|---|---|----------|
|                |  |   |  | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                                       | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení                               | Doplňujúci(e) kód(y) výstražných upozornení |   |          |
| 028-048-00-8   | nickel(II) selenite  | 233-263-7                                       | 10101-96-9   | Carc. 1A<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                        | H350i<br>H372**<br>H334<br>H317<br>H400<br>H410                     | GHS08<br>GHS09<br>Dgr              | H350i<br>H372**<br>H334<br>H317<br>H410                     |   |   | H        |
| 028-049-00-3   | nickel selenide  | 215-216-2                                       | 1314-05-2  | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H350i<br>H372**<br>H317<br>H400<br>H410                             | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H372**<br>H317<br>H410                             |   |   | H        |
| 028-050-00-9   | silicic acid, lead nickel salt   | —   | 68130-19-8   | Carc. 1A<br>Repr. 1A<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                             | H350i<br>H360Df<br>H372**<br>H317<br>H400<br>H410                   | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H360Df<br>H372**<br>H317<br>H410                   |   |   | H        |
| 028-051-00-4   | nickel diarsenide; [1]<br>nickel arsenide [2]  | 235-103-1 [1]<br>248-169-1 [2]                  | 12068-61-0 [1]<br>27016-75-7 [2]                   | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H350i<br>H372**<br>H317<br>H400<br>H410                             | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H372**<br>H317<br>H410                             |   |   | H        |
| 028-052-00-X   | nickel barium titanium primrose priderite;<br>C.I. Pigment Yellow 157;<br>C.I. 77900           | 271-853-6                                       | 68610-24-2   | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1   | H350i<br>H372**<br>H317   | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H372**<br>H317                                     |   |   | H        |
| 028-053-00-5   | nickel dichlorate; [1]<br>nickel dibromate; [2]<br>ethyl hydrogen sulfate, nickel(II) salt [3] | 267-897-0 [1]<br>238-596-1 [2]<br>275-897-7 [3] | 67952-43-6 [1]<br>14550-87-9 [2]<br>71720-48-4 [3] | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H400<br>H410 | GHS08<br>GHS09<br>Dgr              | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H410 |   | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %1<br>M=1 | H        |

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|----------------|---|---|---|---|---|------------------------------------|---|---|--|----------|
|                |   |   |   | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                                       | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení                               | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 028-054-00-0   | nickel(II) trifluoroacetate; [1]<br>nickel(II) propionate; [2]<br>nickel bis(benzenesulfonate); [3]<br>nickel(II) hydrogen citrate; [4]<br>citric acid, ammonium nickel salt; [5]<br>citric acid, nickel salt; [6]<br>nickel bis(2-ethylhexanoate); [7]<br>2-ethylhexanoic acid, nickel salt; [8]<br>dimethylhexanoic acid nickel salt; [9]<br>nickel(II) isoctanoate; [10]<br>nickel isoctanoate; [11]<br>nickel bis(isononanoate); [12]<br>nickel(II) neononanoate; [13]<br>nickel(II) isodecanoate; [14]<br>nickel(II) neodecanoate; [15]<br>neodecanoic acid, nickel salt; [16]<br>nickel(II) neoundecanoate; [17]<br>bis(d-gluconato-O <sup>1</sup> ,O <sup>2</sup> )nickel; [18]<br>nickel 3,5-bis(tert-butyl)-4-hydroxybenzoate (1:2); [19]<br>nickel(II) palmitate; [20]<br>(2-ethylhexanoato-O)(isononanoato-O)nickel; [21]<br>(isononanoato-O)(isoctanoato-O)nickel; [22]<br>(isoctanoato-O)(neodecanoato-O)nickel; [23]<br>(2-ethylhexanoato-O)(isodecanoato-O)nickel; [24]<br>(2-ethylhexanoato-O)(neodecanoato-O)nickel; [25]<br>(isodecanoato-O)(isoctanoato-O)nickel; [26]<br>(isodecanoato-O)(isononanoato-O)nickel; [27]<br>(isononanoato-O)(neodecanoato-O)nickel; [28]<br>fatty acids, C <sub>6-19</sub> -branched, nickel salts; [29]<br>fatty acids, C <sub>8-18</sub> and C <sub>18</sub> -unsaturated, nickel salts; [30]<br>2,7-naphthalenedisulfonic acid, nickel(II) salt; [31] | 240-235-8 [1]<br>222-102-6 [2]<br>254-642-3 [3]<br>242-533-3 [4]<br>242-161-1 [5]<br>245-119-0 [6]<br>224-699-9 [7]<br>231-480-1 [8]<br>301-323-2 [9]<br>249-555-2 [10]<br>248-585-3 [11]<br>284-349-6 [12]<br>300-094-6 [13]<br>287-468-1 [14]<br>287-469-7 [15]<br>257-447-1 [16]<br>300-093-0 [17]<br>276-205-6 [18]<br>258-051-1 [19]<br>237-138-8 [20]<br>287-470-2 [21]<br>287-471-8 [22]<br>284-347-5 [23]<br>284-351-7 [24]<br>285-698-7 [25]<br>285-909-2 [26]<br>284-348-0 [27]<br>287-592-6 [28]<br>294-302-1 [29]<br>283-972-0 [30]<br>- [31] | 16083-14-0 [1]<br>3349-08-4 [2]<br>39819-65-3 [3]<br>18721-51-2 [4]<br>18283-82-4 [5]<br>22605-92-1 [6]<br>4454-16-4 [7]<br>7580-31-6 [8]<br>93983-68-7 [9]<br>29317-63-3 [10]<br>27637-46-3 [11]<br>84852-37-9 [12]<br>93920-10-6 [13]<br>85508-43-6 [14]<br>85508-44-7 [15]<br>51818-56-5 [16]<br>93920-09-3 [17]<br>71957-07-8 [18]<br>52625-25-9 [19]<br>13654-40-5 [20]<br>85508-45-8 [21]<br>85508-46-9 [22]<br>84852-35-7 [23]<br>84852-39-1 [24]<br>85135-77-9 [25]<br>85166-19-4 [26]<br>84852-36-8 [27]<br>85551-28-6 [28]<br>91697-41-5 [29]<br>84776-45-4 [30]<br>72319-19-8 [31] | Carc. 1A<br>Muta. 2<br>Repr. 1B<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H400<br>H410 | GHS08<br>GHS09<br>Dgr              | H350i<br>H341<br>H360D***<br>H372**<br>H334<br>H317<br>H410 |   | STOT RE 1; H372:<br>C ≥ 1 %<br>STOT RE 2; H373:<br>0,1 % ≤ C < 1 %<br>Skin Sens. 1; H317:<br>C ≥ 0,01 %<br>M=1 | H        |

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|----------------|---|---|--|---|---|------------------------------------|---|---|--|----------|
|                |   |   |  | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                   | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení           | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 028-055-00-6   | nickel(II) sulfite; [1]<br>nickel tellurium trioxide; [2]<br>nickel tellurium tetraoxide; [3]<br>molybdenum nickel hydroxide oxide phosphate [4]  | 231-827-7 [1]<br>239-967-0 [2]<br>239-974-9 [3]<br>268-585-7 [4]  | 7757-95-1 [1]<br>15851-52-2 [2]<br>15852-21-8 [3]<br>68130-36-9 [4]  | Carc. 1A<br>STOT RE 1<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H350i<br>H372**<br>H334<br>H317<br>H400<br>H410 | GHS08<br>GHS09<br>Dgr              | H350i<br>H372**<br>H334<br>H317<br>H410 |   |  | H        |
| 028-056-00-1   | nickel boride (NiB); [1]<br>dinickel boride; [2]<br>trinickel boride; [3]<br>nickel boride; [4]<br>dinickel silicide; [5]<br>nickel disilicide; [6]<br>dinickel phosphide; [7]<br>nickel boron phosphide [8]  | 234-493-0 [1]<br>234-494-6 [2]<br>234-495-1 [3]<br>235-723-2 [4]<br>235-033-1 [5]<br>235-379-3 [6]<br>234-828-0 [7]<br>- [8]  | 12007-00-0 [1]<br>12007-01-1 [2]<br>12007-02-2 [3]<br>12619-90-8 [4]<br>12059-14-2 [5]<br>12201-89-7 [6]<br>12035-64-2 [7]<br>65229-23-4 [8]   | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                   | H350i<br>H372**<br>H317<br>H400<br>H410         | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350i<br>H372**<br>H317<br>H410         |   |  | H        |
| 028-057-00-7   | dialuminium nickel tetraoxide; [1]<br>nickel titanium trioxide; [2]<br>nickel titanium oxide; [3]<br>nickel divanadium hexaoxide; [4]<br>cobalt dimolybdenum nickel octaoxide; [5]<br>nickel zirkonium trioxide; [6]<br>molybdenum nickel tetraoxide; [7]<br>nickel tungsten tetraoxide; [8]<br>olivine, nickel green; [9]<br>lithium nickel dioxide; [10]<br>molybdenum nickel oxide; [11] | 234-454-8 [1]<br>234-825-4 [2]<br>235-752-0 [3]<br>257-970-5 [4]<br>268-169-5 [5]<br>274-755-1 [6]<br>238-034-5 [7]<br>238-032-4 [8]<br>271-112-7 [9]<br>- [10]<br>- [11] | 12004-35-2 [1]<br>12035-39-1 [2]<br>12653-76-8 [3]<br>52502-12-2 [4]<br>68016-03-5 [5]<br>70692-93-2 [6]<br>14177-55-0 [7]<br>14177-51-6 [8]<br>68515-84-4 [9]<br>12031-65-1 [10]<br>12673-58-4 [11] | Carc. 1A<br>STOT RE 1<br>Skin Sens. 1   | H350i<br>H372**<br>H317                         | GHS08<br>GHS07<br>Dgr              | H350i<br>H372**<br>H317                 |   |  | H        |
| 028-058-00-2   | cobalt lithium nickel oxide   | 442-750-5   | —  | Carc. 1A<br>Acute Tox. 2 *<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H350i<br>H330<br>H372**<br>H317<br>H400<br>H410 | GHS06<br>GHS08<br>GHS09<br>Dgr     | H350i<br>H330<br>H372**<br>H317<br>H410 |   |  |          |

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|----------------|---|-----------|-------------|---|--|---|--|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení          | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 029-014-00-5   | reaction mass of: 2,2'-[[ <i>cis</i> -1,2-cyclohexanediy]bis(nitrilomethylidene)] bis[phenolate]](2-)N,N',O,O'-copper complex;<br>2,2'-[[ <i>trans</i> -1,2-cyclohexanediy]bis(nitrilomethylidene)] bis[phenolate]](2-)N,N',O,O'-copper complex | 419-610-7 | 171866-24-3 | STOT RE 2 *<br>Aquatic Chronic 2  | H373**<br>H411                                 | GHS08<br>GHS09<br>Wng                   | H373**<br>H411                         |   |  |          |
| 030-009-00-5   | zinc-bis(4-( <i>n</i> -octyloxycarbonylamino)salicylate) dihydrate  | 417-130-2 | —           | Eye Dam. 1<br>Aquatic Chronic 2   | H318<br>H411                                   | GHS05<br>GHS09<br>Dgr                   | H318<br>H411                           |   |  |          |
| 030-010-00-0   | 2-dodec-1-enylbutanedioic acid, 4-methyl ester zinc salt  | 430-740-3 | —           | Aquatic Chronic 2   | H411   | GHS09                                   | H411                                   |   |  |          |
| 030-012-00-1   | aluminium-magnesium-zinc-carbonate-hydroxide  | 423-570-6 | 169314-88-9 | Aquatic Chronic 3   | H412   | —                                       | H412                                   |   |  |          |
| 030-015-00-8   | tetrazinc(2+)bis(hexacyanocobalt(3+)) diacetate   | 440-060-9 | —           | Aquatic Chronic 2   | H411   | GHS09                                   | H411                                   |   |  |          |
| 040-003-00-4   | reaction product of 3,5-di- <i>tert</i> -butylsalicylic acid and zirconium oxychloride, dehydrated, basic Zr: DTBS = 1,0: 1,0 to 1,0: 1,5   | 430-610-6 | 226996-19-6 | Aquatic Acute 1<br>Aquatic Chronic 1  | H400<br>H410                                   | GHS09<br>Wng                            | H410                                   |   |  |          |
| 042-005-00-0   | reaction mass of: mono- and di-glycerols of canola oil;<br>canola oil acid amide of branched 1,3-propanediamine,N-[3-(tridecyloxy)-propyl];<br>N,N-diorgano dithiocarbamate molybdenum complex  | 434-240-6 | —           | Skin Sens. 1<br>Aquatic Chronic 2   | H317<br>H411                                   | GHS07<br>GHS09<br>Wng                   | H317<br>H411                           |   |  |          |
| 046-001-00-X   | tetraammine palladium (II) hydrogen carbonate   | 425-270-0 | 134620-00-1 | Acute Tox. 4 *<br>STOT RE 2 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H302<br>H373**<br>H318<br>H317<br>H400<br>H410 | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H302<br>H373**<br>H318<br>H317<br>H410 |   |  |          |

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|----------------|---|-----------|-------------|---|--|---|--|--|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                                    | Doplňujúci(e) kód(y) výstražných upozornení  |  |          |
| 047-002-00-8   | polyphosphoric acid, copper, sodium, magnesium, calcium, silver and zinc salt   | 416-850-4 | —           | Aquatic Acute 1<br>Aquatic Chronic 1  | H400<br>H410   | GHS09<br>Wng                            | H410   |  |  |          |
| 050-021-00-4   | dichlorodioctyl stannane  | 222-583-2 | 3542-36-7   | Acute Tox. 3 *<br>STOT RE 1<br>Aquatic Chronic 3  | H331<br>H372**<br>H412   | GHS06<br>GHS08<br>Dgr                   | H331<br>H372**<br>H412   |  |  |          |
| 050-022-00-X   | dibutyltin dichloride;<br>(DBTC)  | 211-670-0 | 683-18-1    | Muta. 2<br>Repr. 1B<br>Acute Tox. 2 *<br>Acute Tox. 3 *<br>Acute Tox. 4 *<br>STOT RE 1<br>Skin Corr. 1B<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H341<br>H360FD<br>H330<br>H301<br>H312<br>H372**<br>H314<br>H400<br>H410 | GHS06<br>GHS05<br>GHS08<br>GHS09<br>Dgr | H341<br>H360FD<br>H330<br>H301<br>H312<br>H372**<br>H314<br>H410 | Skin Corr. 1B; H314:<br>C ≥ 5 %<br>Skin Irrit. 2; H315:<br>0,01 % ≤ C < 5 %<br>Eye Dam. 1; H318:<br>3 % ≤ C < 5 %<br>Eye Irrit. 2; H319:<br>0,01 % ≤ C < 3 %<br>M=10 |  |          |
| 050-023-00-5   | reaction mass of: bis[(2-ethyl-1-oxohexyl)oxy]dioctyl stannane;<br>bis[((2-ethyl-1-oxohexyl)oxy)dioctylstannyl]oxide;<br>bis(1-phenyl-1,3-decanedionyl)dioctyl stannane;<br>((2-ethyl-1-oxohexyl)oxy)-(1-phenyl-1,3-decanedionyl)dioctyl stannane | 422-920-5 | —           | STOT RE 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H373**<br>H400<br>H410   | GHS08<br>GHS09<br>Wng                   | H373**<br>H410   | M=10   |  |          |
| 050-024-00-0   | reaction mass of: tri- <i>p</i> -tolyltin hydroxide;<br>hexa- <i>p</i> -tolyl-distannoxane  | 432-230-6 | —           | STOT RE 1<br>Acute Tox. 4 *<br>Skin Irrit. 2<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                              | H372**<br>H302<br>H315<br>H318<br>H317<br>H400<br>H410                   | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H372**<br>H302<br>H315<br>H318<br>H317<br>H410                   |  |  |          |
| 064-001-00-8   | gadolinium(III)sulfite trihydrate   | 456-900-2 | 51285-81-5  | Aquatic Chronic 2   | H411   | GHS09                                   | H411   |  |  |          |
| 078-010-00-X   | tetraammine platinum (II) hydrogen carbonate  | 426-730-3 | 123439-82-7 | Acute Tox. 4 *<br>Eye Dam. 1<br>Aquatic Chronic 3   | H302<br>H318<br>H412   | GHS05<br>GHS07<br>Dgr                   | H302<br>H318<br>H412   |  |  |          |

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|----------------|--|-----------|-------------|--|--|------------------------------------|--|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení                | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 078-011-00-5   | hydroxydisulfito platinum(II) acid   | 423-310-1 | 61420-92-6  | Acute Tox. 4 *<br>STOT RE 2 *<br>Skin Corr. 1A<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Chronic 3 | H302<br>H373<br>H314<br>H334<br>H317<br>H412 | GHS05<br>GHS08<br>GHS07<br>Dgr     | H302<br>H373<br>H314<br>H334<br>H317<br>H412 |   |  |          |
| 078-012-00-0   | platinum(IV) nitrate/nitric acid solution  | 432-400-1 | —           | Skin Corr. 1A<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H314<br>H400<br>H410                         | GHS05<br>GHS09<br>Dgr              | H314<br>H410                                 |   |  |          |
| 082-012-00-6   | barium calcium cesium lead samarium strontium bromide chloride fluoride iodide europium doped                                      | 431-780-4 | 199876-46-5 | Acute Tox. 4 *<br>STOT RE 2 *<br>Aquatic Chronic 2   | H302<br>H373**<br>H411                       | GHS08<br>GHS07<br>GHS09<br>Wng     | H302<br>H373**<br>H411                       |   |  |          |
| 601-070-00-0   | reaction mass of: branched icosane; branched docosane; branched tetracosane  | 417-050-8 | 151006-58-5 | Acute Tox. 4 *<br>Aquatic Chronic 4  | H332<br>H413                                 | GHS07<br>Wng                       | H332<br>H413                                 |   |  |          |
| 601-072-00-1   | reaction mass of: 1-(4-isopropylphenyl)-1-phenylethane; 1-(3-isopropylphenyl)-1-phenylethane; 1-(2-isopropylphenyl)-1-phenylethane | 430-690-2 | 52783-21-8  | Skin Irrit. 2<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H315<br>H400<br>H410                         | GHS07<br>GHS09<br>Wng              | H315<br>H410                                 |   |  |          |
| 601-075-00-8   | 4,4'-bis(N-carbamoyl-4-methylbenzenesulfonamide)diphenylmethane  | 418-770-5 | 151882-81-4 | Carc. 2  | H351   | GHS08<br>Wng                       | H351   |   |  |          |
| 601-076-00-3   | ethynyl cyclopropane   | 425-430-1 | 6746-94-7   | Flam. Liq. 2<br>Skin Irrit. 2<br>Eye Dam. 1<br>Aquatic Chronic 3                                     | H225<br>H315<br>H318<br>H412                 | GHS02<br>GHS05<br>Dgr              | H225<br>H315<br>H318<br>H412                 |   |  |          |
| 601-077-00-9   | reaction mass of: 1-heptyl-4-ethyl-2,6,7-trioxabicyclo[2.2.2]octane; 1-nonyl-4-ethyl-2,6,7-trioxabicyclo[2.2.2]octane              | 426-510-7 | 196965-91-0 | Aquatic Acute 1<br>Aquatic Chronic 1   | H400<br>H410                                 | GHS09<br>Wng                       | H410   |   |  |          |

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|----------------|--|-----------|------------|--|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie                              | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 601-078-00-4   | reaction mass of: 1,7-dimethyl-2-[(3-methylbicyclo[2.2.1]hept-2-yl)methyl]bicyclo[2.2.1]heptane;<br>2,3-dimethyl-2-[(3-methylbicyclo[2.2.1]hept-2-yl)methyl]bicyclo[2.2.1]heptane  | 427-040-5 | —          | Skin Corr. 1B<br>Aquatic Acute 1<br>Aquatic Chronic 1                | H314<br>H400<br>H410          | GHS05<br>GHS09<br>Dgr              | H314<br>H410                  |   |  |          |
| 601-079-00-X   | reaction mass of: <i>trans-trans</i> -cyclohexadeca-1,9-diene;<br><i>cis-trans</i> -cyclohexadeca-1,9-diene  | 429-620-3 | —          | Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Chronic 4                   | H315<br>H317<br>H413          | GHS07<br>Wng                       | H315<br>H317<br>H413          |   |  |          |
| 601-080-00-5   | reaction mass of: <i>sec</i> -butylphenyl(phenyl)methane, mixed isomers;<br>1-( <i>sec</i> -butylphenyl(phenyl)-2-phenylethane, mixed isomers;<br>1-( <i>sec</i> -butylphenyl-1-phenylethane, mixed isomers                            | 431-100-6 | —          | Aquatic Acute 1<br>Aquatic Chronic 1                                 | H400<br>H410                  | GHS09<br>Wng                       | H410                          |   |  |          |
| 601-081-00-0   | cyclohexadeca-1,9-diene  | 431-730-1 | 4277-06-9  | Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Chronic 4                   | H315<br>H317<br>H413          | GHS07<br>Wng                       | H315<br>H317<br>H413          |   |  |          |
| 601-082-00-6   | reaction mass of: endo-2-methyl-exo-3-methyl-exo-2-[(exo-3-methylbicyclo[2.2.1]hept-exo-2-yl)methyl]bicyclo[2.2.1]heptane;<br>exo-2-methyl-exo-3-methyl-endo-2-[(endo-3-methylbicyclo[2.2.1]hept-exo-2-yl)methyl]bicyclo[2.2.1]heptane | 434-420-4 | —          | Skin Irrit. 2<br>Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H315<br>H318<br>H400<br>H410  | GHS05<br>GHS09<br>Dgr              | H315<br>H318<br>H410          |   |  |          |
| 601-083-00-1   | 5-endo-hexyl-bicyclo[2.2.1]hept-2-ene  | 435-000-3 | 22094-83-3 | Asp. Tox. 1<br>Skin Irrit. 2<br>Aquatic Chronic 4                    | H304<br>H315<br>H413          | GHS08<br>GHS07<br>Dgr              | H304<br>H315<br>H413          |   |  |          |
| 601-084-00-7   | reaction mass of: 5-endo-butyl-bicyclo[2.2.1]hept-2-ene;<br>5-exo-butyl-bicyclo[2.2.1]hept-2-ene (80:20)   | 435-180-3 | —          | Asp. Tox. 1<br>Skin Irrit. 2<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H304<br>H315<br>H400<br>H410  | GHS08<br>GHS07<br>GHS09<br>Dgr     | H304<br>H315<br>H410          |   |  |          |
| 602-095-00-X   | alkanes, C <sub>14-17</sub> , chloro;<br>chlorinated paraffins, C <sub>14-17</sub>   | 287-477-0 | 85535-85-9 | Lact.<br>Aquatic Acute 1<br>Aquatic Chronic 1                        | H362<br>H400<br>H410          | GHS09<br>Wng                       | H362<br>H410                  | EUH066                                      |  |          |

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|----------------|--|-----------|-------------|---|--------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie                             | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 602-098-00-6   | 2-(3-bromophenoxy)tetrahydro-2H-pyran  | 429-030-6 | 57999-49-2  | Skin Sens. 1<br>Aquatic Chronic 2                                   | H317<br>H411                   | GHS07<br>GHS09<br>Wng              | H317<br>H411                  |   |  |          |
| 602-099-00-1   | 3-(4-fluorophenyl)-2-methylpropionylchloride   | 426-370-7 | —           | Skin Corr. 1A<br>Acute Tox. 4 *<br>Aquatic Chronic 3                | H314<br>H302<br>H412           | GHS05<br>GHS07<br>Dgr              | H314<br>H302<br>H412          | EUH014<br>EUH029                            |  |          |
| 602-100-00-5   | reaction mass of:<br>(R,R)-1,1,1,2,2,3,4,5,5,5-decafluoropentane;<br>(S,S)-1,1,1,2,2,3,4,5,5,5-decafluoropentane | 420-640-8 | —           | Aquatic Chronic 3   | H412                           | —                                  | H412                          |   |  |          |
| 602-101-00-0   | 2-chloro-4-fluoro-5-nitrophenyl (isobutyl)carbonate  | 427-020-6 | 141772-37-4 | STOT RE 2 *<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H373**<br>H317<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Wng     | H373**<br>H317<br>H410        |   |  |          |
| 602-102-00-6   | 1,1,1,3,3-pentafluorobutane  | 430-250-1 | 406-58-6    | Flam. Liq. 2  | H225                           | GHS02<br>Dgr                       | H225                          |   |  |          |
| 602-103-00-1   | 1-(chlorophenylmethyl)-2-methylbenzene   | 431-450-1 | 41870-52-4  | Skin Irrit. 2<br>Aquatic Acute 1<br>Aquatic Chronic 1               | H315<br>H400<br>H410           | GHS07<br>GHS09<br>Wng              | H315<br>H410                  |   |  |          |
| 602-104-00-7   | 1,1,2,2,3,3,4-heptafluorocyclopentane  | 430-710-1 | 15290-77-4  | Aquatic Chronic 3   | H412                           | —                                  | H412                          |   |  |          |
| 602-105-00-2   | sodium 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanedisulfinate  | 422-100-7 | 102061-82-5 | Eye Dam. 1<br>Skin Sens. 1  | H318<br>H317                   | GHS05<br>GHS07<br>Dgr              | H318<br>H317                  |   |  |          |
| 602-106-00-8   | 2-bromo-4,6-difluoroaniline  | 429-430-0 | 444-14-4    | Acute Tox. 4 *<br>Aquatic Chronic 2                                 | H302<br>H411                   | GHS07<br>GHS09<br>Wng              | H302<br>H411                  |   |  |          |
| 602-107-00-3   | 3,3,4,4-tetrafluoro-4-iodo-1-butene  | 439-500-2 | 33831-83-3  | Acute Tox. 4 *<br>Skin Irrit. 2<br>Aquatic Chronic 2                | H302<br>H315<br>H411           | GHS07<br>GHS09<br>Wng              | H302<br>H315<br>H411          |   |  |          |
| 602-108-00-9   | (2,3,5,6-tetrafluorophenyl)methanol  | 443-840-7 | 4084-38-2   | Acute Tox. 4 *<br>Eye Irrit. 2<br>Skin Sens. 1                      | H302<br>H319<br>H317           | GHS07<br>Wng                       | H302<br>H319<br>H317          |   |  |          |



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|----------------|---|-----------|-------------|---|--------------------------------------|------------------------------------|--------------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení        | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení        | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 603-109-00-7   | reaction mass of: 1-ethoxy-1,1,2,3,3,3-hexafluoro-2-(trifluoromethyl)propane;<br>1-ethoxy-1,1,2,2,3,3,4,4,4-nonafluorobutane              | 425-340-0 | —           | Aquatic Chronic 4   | H413                                 | —                                  | H413                                 |   |  |          |
| 603-110-00-2   | reaction mass of: <i>cis</i> -2-isobutyl-5-methyl 1,3-dioxane;<br><i>trans</i> -2-isobutyl-5-methyl 1,3-dioxane                           | 426-130-1 | 166301-21-9 | Skin Irrit. 2<br>Aquatic Chronic 3  | H315<br>H412                         | GHS07<br>Wng                       | H315<br>H412                         |   |  |          |
| 603-111-00-8   | reaction mass of: 1-(1,1-dimethylpropyl)-4-ethoxy- <i>cis</i> -cyclohexane;<br>1-(1,1-dimethylpropyl)-4-ethoxy- <i>trans</i> -cyclohexane | 426-530-6 | —           | Skin Irrit. 2<br>Aquatic Acute 1<br>Aquatic Chronic 1                           | H315<br>H400<br>H410                 | GHS07<br>GHS09<br>Wng              | H315<br>H410                         |   |  |          |
| 603-112-00-3   | cyclopentyl 2-phenylethyl ether   | 428-340-9 | —           | Skin Irrit. 2<br>Aquatic Acute 1<br>Aquatic Chronic 1                           | H315<br>H400<br>H410                 | GHS07<br>GHS09<br>Wng              | H315<br>H410                         |   |  |          |
| 603-113-00-9   | 6-glycidyloxynapht-1-yl oxymethyloxirane  | 429-960-2 | 27610-48-6  | Muta. 2<br>Acute Tox. 4 *<br>Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Chronic 3 | H341<br>H312<br>H315<br>H317<br>H412 | GHS08<br>GHS07<br>Wng              | H341<br>H312<br>H315<br>H317<br>H412 |   |  |          |
| 603-114-00-4   | 9-(2-propenyloxy)tricyclo[5.2.1.0(2,6)]dec-3(or-4)-ene  | 430-830-2 | 26912-64-1  | Skin Irrit. 2<br>Aquatic Chronic 2  | H315<br>H411                         | GHS07<br>GHS09<br>Wng              | H315<br>H411                         |   |  |          |
| 603-115-00-X   | reaction mass of: O,O',O''-(methylsilanetriyl)tris(4-methyl-2-pentanone oxime) (3 stereoisomers)  | 423-580-0 | —           | STOT RE 2 *<br>Aquatic Chronic 4  | H373**<br>H413                       | GHS08<br>Wng                       | H373**<br>H413                       |   |  |          |
| 603-116-00-5   | (Z)-(2,4-difluorophenyl)piperidin-4-ylmethanone oxime monohydrochloride   | 424-740-2 | 138271-16-6 | Acute Tox. 4 *<br>Eye Dam. 1<br>Aquatic Chronic 3                               | H302<br>H318<br>H412                 | GHS05<br>GHS07<br>Dgr              | H302<br>H318<br>H412                 |   |  |          |

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|----------------|--|--------------------------------|-----------------------------|---|--------------------------------------|------------------------------------|--------------------------------|---|--|----------|
|                |  |                                |                             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení        | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 603-182-00-5   | reaction product of: saturated, monounsaturated and multiple unsaturated long-chained partly estrified alcohols of vegetable origin ( <i>Brassica napus</i> L., <i>Brassica rapa</i> L., <i>Helianthus annuus</i> L., <i>Glycine hispida</i> , <i>Gossypium hirsutum</i> L., <i>Cocos nucifera</i> L., <i>Elaeis guineensis</i> ) with O,O-diisobutyldithiophosphate and 2-ethylhexylamine and hydrogen peroxide | 428-630-5                      | —                           | Skin Sens. 1  | H317                                 | GHS07<br>Wng                       | H317                           |   |  |          |
| 603-188-00-8   | reaction mass of: 6,7-epoxy-1,2,3,4,5,6,7,8-octahydro-1,1,2,4,4,7-hexamethylnaphthalene; 7,8-epoxy-1,2,3,4,6,7,8,8a-octahydro-1,1,2,4,4,7-hexamethylnaphthalene  | 426-970-9                      | —                           | Aquatic Acute 1<br>Aquatic Chronic 1  | H400<br>H410                         | GHS09<br>Wng                       | H410                           |   |  |          |
| 603-190-00-9   | 8,8-dimethyl-7-isopropyl-6,10-dioxaspiro[4.5]decane  | 424-030-2                      | 62406-73-9                  | Skin Irrit. 2<br>Aquatic Chronic 3  | H315<br>H412                         | GHS07<br>Wng                       | H315<br>H412                   |   |  |          |
| 603-192-00-X   | (E,E)-3,7,11-trimethyldodeca-1,4,6,10-tetraen-3-ol   | 423-240-1                      | 125474-34-2                 | Skin Irrit. 2<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H315<br>H318<br>H317<br>H400<br>H410 | GHS05<br>GHS07<br>GHS09<br>Dgr     | H315<br>H318<br>H317<br>H410   |   |  |          |
| 603-193-00-5   | disodium 9,10-anthracenedioxide  | 426-030-8                      | 46492-07-3                  | Skin Corr. 1A   | H314                                 | GHS05<br>Dgr                       | H314                           |   |  |          |
| 603-194-00-0   | 2-(2-aminoethylamino)ethanol; (AEEA)   | 203-867-5                      | 111-41-1                    | Repr. 1B<br>Skin Corr. 1B<br>Skin Sens. 1   | H360Fd<br>H361<br>H314<br>H317       | GHS05<br>GHS08<br>GHS07<br>Dgr     | H360Fd<br>H361<br>H314<br>H317 |   | STOT SE 3; H335:<br>C ≥ 5 %              |          |
| 603-200-00-1   | 1-pentanol; [1]<br>3-pentanol [2]  | 200-752-1 [1]<br>209-526-7 [2] | 71-41-0 [1]<br>584-02-1 [2] | Flam. Liq. 3<br>Acute Tox. 4 *<br>STOT SE 3<br>Skin Irrit. 2                        | H226<br>H332<br>H335<br>H315         | GHS02<br>GHS07<br>Wng              | H226<br>H332<br>H335<br>H315   |   |  |          |
| 603-201-00-7   | (E)-(7R,11R)-3,7,11,15-tetramethylhexadec-2-ene-1-ol   | 416-120-5                      | —                           | Skin Irrit. 2<br>Aquatic Chronic 4  | H315<br>H413                         | GHS07<br>Wng                       | H315<br>H413                   |   |  |          |

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|----------------|--|-----------|-------------|--|--|------------------------------------|--|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení          | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení          | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 603-202-00-2   | 4,4,5,5,5-pentafluoropentan-1-ol   | 421-360-9 | 148043-73-6 | Acute Tox. 4 *<br>Aquatic Chronic 3  | H302<br>H412                           | GHS07<br>Wng                       | H302<br>H412                           |   |  |          |
| 603-203-00-8   | (1R,3S,7R,8R,10R,13R)-5,5,7,9,9,13-hexamethyl-4,6-dioxatetracyclo[6.5.1.0 <sup>1,10</sup> .0 <sup>3,7</sup> ]tetradecane | 427-580-1 | —           | Skin Irrit. 2  | H315                                   | GHS07<br>Wng                       | H315                                   |   |  |          |
| 603-204-00-3   | reaction mass of: 2,2'-(heptane-1,7-diyl)bis-1,3-dioxolane;<br>2,2'-(heptane-1,6-diyl)bis-1,3-dioxolane                  | 428-110-8 | —           | Aquatic Chronic 3  | H412                                   | —                                  | H412                                   |   |  |          |
| 603-205-00-9   | (1S-cis)-4-(2-amino-6-chloro-9H-purin-9-yl)-2-cyclopentene-1-methanol hydrochloride                                      | 426-200-1 | 172015-79-1 | STOT RE 1<br>Acute Tox. 4 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 3 | H372**<br>H302<br>H318<br>H317<br>H412 | GHS05<br>GHS08<br>GHS07<br>Dgr     | H372**<br>H302<br>H318<br>H317<br>H412 |   |  |          |
| 603-206-00-4   | 2,2-dichloro-1,3-benzodioxol   | 426-850-6 | 2032-75-9   | Flam. Liq. 3<br>Skin Corr. 1A<br>Acute Tox. 4 *<br>Skin Sens. 1                | H226<br>H314<br>H302<br>H317           | GHS02<br>GHS05<br>GHS07<br>Dgr     | H226<br>H314<br>H302<br>H317           | EUH014                                      |  |          |
| 603-207-00-X   | 2-isobutyl-2-isopropyl-1,3-dimethoxypropane  | 430-800-9 | 129228-21-3 | Skin Irrit. 2<br>Aquatic Chronic 2   | H315<br>H411                           | GHS07<br>GHS09<br>Wng              | H315<br>H411                           |   |  |          |
| 603-208-00-5   | 1,2-diethoxyethane   | 211-076-1 | 629-14-1    | Flam. Liq. 2<br>Repr. 1A<br>Eye Irrit. 2                                       | H225<br>H360Df<br>H319                 | GHS02<br>GHS08<br>GHS07<br>Dgr     | H225<br>H360Df<br>H319                 | EUH019                                      |  |          |

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|----------------|--|-------------------------|---|--|--|------------------------------------|--|---|--|----------|
|                |  |                         |   | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 603-209-00-0   | spinosad (ISO) (reaction mass of spinosyn A and spinosyn D in ratios between 95:5 to 50:50);<br>reaction mass of 50-95 % of (2R,3aS,5aR,5bS,9S,13S,14R,16aS,16bR)-2-(6-deoxy-2,3,4-tri-O-methyl- $\alpha$ -l-mannopyranosyloxy)-13-(4-dimethylamino-2,3,4,6-tetra-deoxy- $\beta$ -d-erythro-pyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,7,9,10,11,12,13,14,15,16a,16b-hexadecahydro-14-methyl-1H-8-oxacyclododeca[b]as-indacene-7,15-dione and 50-5 % (2S,3aR,5aS,5bS,9S,13S,14R,16aS,16bS)-2-(6-deoxy-2,3,4-tri-O-methyl- $\alpha$ -l-mannopyranosyloxy)-13-(4-dimethylamino-2,3,4,6-tetra-deoxy- $\beta$ -d-erythro-pyranosyloxy)-9-ethyl-2,3,3a,5a,5b,6,7,9,10,11,12,13,14,15,16a,16b-hexadecahydro-4,14-dimethyl-1H-8-oxacyclododeca[b]as-indacene-7,15-dione; [1]<br>spinosyn A; [2]<br>spinosyn D [3] | - [1]<br>- [2]<br>- [3] | - [1]<br>131929-60-7 [2]<br>131929-63-0 [3] | Aquatic Acute 1<br>Aquatic Chronic 1   | H400<br>H410   | GHS09<br>Wng                       | H410   |   | M=10                                     |          |
| 603-210-00-6   | 2,4-diethyl-1,5-pentanediol  | 429-310-8               | 57987-55-0                                  | Eye Dam. 1   | H318   | GHS05<br>Dgr                       | H318   |   |  |          |
| 603-211-00-1   | 2,3-epoxypropyltrimethylammonium chloride ... %;<br>glycidyl trimethylammonium chloride ... %  | 221-221-0               | 3033-77-0                                   | Carc. 1B<br>Muta. 2<br>Repr. 2<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 3 | H350<br>H341<br>H361f***<br>H312<br>H302<br>H373**<br>H318<br>H317<br>H412 | GHS05<br>GHS08<br>GHS07<br>Dgr     | H350<br>H341<br>H361f***<br>H312<br>H302<br>H373**<br>H318<br>H317<br>H412 |   |  | B        |

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|----------------|--|-----------|-------------|--|--|--|--|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                          | Piktogram, kód(y) výstražných slov               | Kód(y) výstražných upozornení                  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 603-212-00-7   | 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran; galaxolide; (HHCB)   | 214-946-9 | 1222-05-5   | Aquatic Acute 1<br>Aquatic Chronic 1   | H400<br>H410   | GHS09<br>Wng                                     | H410   |   |  |          |
| 603-213-00-2   | 2-methoxy-2-methylbutane; <i>tert</i> -amyl methyl ether   | 213-611-4 | 994-05-8    | Flam. Liq. 2<br>Acute Tox. 4 *<br>STOT SE 3  | H225<br>H302<br>H336                                   | GHS02<br>GHS07<br>Dgr                            | H225<br>H302<br>H336                           |   |  |          |
| 603-214-00-8   | 1,1-diisopropoxycyclohexane  | 413-740-8 | 1132-95-2   | Skin Corr. 1B  | H314   | GHS05<br>Dgr                                     | H314   |   |  |          |
| 603-215-00-3   | 1-hydroxy-4-fluoro-1,4-diazoniabicyclo[2.2.2]octane bis(tetrafluoroborate)   | 418-330-2 | 162241-33-0 | Expl. 1.1****<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H201<br>H302<br>H373**<br>H318<br>H317<br>H400<br>H410 | GHS01<br>GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H201<br>H302<br>H373**<br>H318<br>H317<br>H410 |   |  |          |
| 603-216-00-9   | <i>cis</i> -1-amino-2,3-dihydro-1 <i>H</i> -inden-2-ol   | 422-660-2 | 7480-35-5   | Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 3  | H318<br>H317<br>H412                                   | GHS05<br>GHS07<br>Dgr                            | H318<br>H317<br>H412                           |   |  |          |
| 603-217-00-4   | 2,4,6-tri- <i>tert</i> -butylphenyl 2-butyl-2-ethyl-1,3-propanediolphosphite   | 423-560-1 | 161717-32-4 | Skin Sens. 1<br>Aquatic Chronic 4  | H317<br>H413   | GHS07<br>Wng                                     | H317<br>H413                                   |   |  |          |
| 603-220-00-0   | 1-{benzyl[2-(2-methoxyphenoxy)ethyl]amino}-3-(9 <i>H</i> -carbazol-4-yloxy)propan-2-ol   | 432-890-5 | 72955-94-3  | Aquatic Chronic 4  | H413   | —  | H413   |   |  |          |
| 603-221-00-6   | 1-(2-amino-5-chlorophenyl)-2,2,2-trifluoro-1,1-ethanediol, hydrochloride; [containing < 0,1 % 4-chloroaniline (EC No 203-401-0)] | 433-580-2 | 214353-17-0 | Acute Tox. 4 *<br>Skin Corr. 1B<br>Aquatic Chronic 2   | H302<br>H314<br>H411                                   | GHS05<br>GHS07<br>GHS09<br>Dgr                   | H302<br>H314<br>H411                           |   |  |          |
| 603-221-01-3   | 1-(2-amino-5-chlorophenyl)-2,2,2-trifluoro-1,1-ethanediol, hydrochloride; [containing ≥ 0,1 % 4-chloroaniline (EC No 203-401-0)] | 433-580-2 | 214353-17-0 | Carc. 1B<br>Acute Tox. 4 *<br>Skin Corr. 1B<br>Aquatic Chronic 2   | H350<br>H302<br>H314<br>H411                           | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr          | H350<br>H302<br>H314<br>H411                   |   |  |          |

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|----------------|--|-----------|-------------|--|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie          | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 603-222-00-1   | (2R,3S,4R,5R,7R,9R,10R,11S,12S,13R)-10-[(4-dimethylamino-3-hydroxy-6-methyltetrahydropyran-2-yl)oxy]-2-ethyl-3,4,1,2-trihydroxy-9-methoxy-3,5,7,9,11,13-hexamethyl-6,14-dioxo-1-oxacyclotetradecane  | 433-820-6 | 118058-74-5 | Eye Irrit. 2                                     | H319                          | GHS07<br>Wng                       | H319                          |   |  |          |
| 603-223-00-7   | 2-cyclopentylidene cyclopentanol; 1,1'-bi(cyclopentyliden)-2-ol  | 434-270-1 | 6261-30-9   | Skin Irrit. 2<br>Eye Dam. 1<br>Aquatic Chronic 3 | H315<br>H318<br>H412          | GHS05<br>Dgr                       | H315<br>H318<br>H412          |   |  |          |
| 603-224-00-2   | 3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl)-hexane   | 435-790-1 | 297730-93-9 | Aquatic Chronic 4                                | H413                          | —                                  | H413                          |   |  |          |
| 603-225-00-8   | erythromycin A9-oxime (E); (3R,4S,5S,6R,7R,9R,11R,12R,13S,14R)-4-((2,6-dideoxy-3-C-methyl-3-O-methyl- $\alpha$ -L-ribohexopiranosyl)oxy)-14-ethyl-7,12,13-trihydroxy-3,5,7,9,11,13-hexamethyl-6-((3,4,6-trideoxy-3-dimethylamino- $\beta$ -D-xylohexapiranosyl)oxy)oxacyclotetradecan-2-ona-10-oxime (E)   | 437-070-0 | 13127-18-9  | Aquatic Chronic 2                                | H411                          | GHS09                              | H411                          |   |  |          |
| 603-226-00-3   | 4,4'-(4-(4-methoxyphenyl)-1,3,5-triazin-2,4-diyl)bisbenzene-1,3-diol   | 444-500-0 | 1440-00-2   | Aquatic Chronic 3                                | H412                          | —                                  | H412                          |   |  |          |
| 603-227-00-9   | $\alpha$ -hydro- $\omega$ -[[[(1,1-dimethylethyl)dioxy]carbonyl]oxy]-poly[oxy(methyl-1,2-ethanediyl)] ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1); reaction product of: $\alpha$ -hydro- $\omega$ -((chlorocarbonyl)oxy)-poly(oxy(methyl-1,2-ethanediyl)) ether with 2,2-bis(hydroxymethyl)-1,3-propanediol with potassium 1,1-dimethylethylperoxalate | 445-060-2 | 203574-04-3 | ****<br>Aquatic Acute 1<br>Aquatic Chronic 1     | ****<br>H400<br>H410          | ****<br>GHS09<br>Wng               | ****<br>H410                  |   |  |          |
| 603-228-00-4   | (+/-)-(R*,R*)-6-fluoro-3,4-dihydro-2-oxiranyl-2H-1-benzopyran; 6-fluoro-2-(2-oxiranyl)chromane   | 419-620-1 | —           | Skin Sens. 1<br>Aquatic Chronic 2                | H317<br>H411                  | GHS07<br>GHS09<br>Wng              | H317<br>H411                  |   |  |          |

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|----------------|---|-----------|-------------|---|--------------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení        | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 603-229-00-X   | sodium (Z)-3-chloro-3-(4-chlorophenyl)-1-hydroxy-2-propene-1-sulfonate  | 420-800-7 | —           | Skin Irrit. 2<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H315<br>H318<br>H317<br>H400<br>H410 | GHS05<br>GHS07<br>GHS09<br>Dgr     | H315<br>H318<br>H317<br>H410  |   |  |          |
| 603-230-00-5   | 2,6,6,7,8,8-hexamethyldecahydro-2H-indeno[4,5-b]furan   | 440-030-5 | —           | Skin Irrit. 2<br>Eye Dam. 1<br>Aquatic Chronic 4                                    | H315<br>H318<br>H413                 | GHS05<br>Dgr                       | H315<br>H318<br>H413          |   |  |          |
| 603-231-00-0   | (S)-1,1-diphenyl-1,2-propanediol  | 443-220-6 | —           | Aquatic Chronic 3   | H412                                 | —                                  | H412                          |   |  |          |
| 603-232-00-6   | 3,3,8,8,10,10-hexamethyl-9-[1-(4-oxiranylmethoxy-phenyl)-ethoxy]-1,5-dioxa-9-aza-spiro[5.5]undecane   | 444-420-6 | —           | Aquatic Chronic 4   | H413                                 | —                                  | H413                          |   |  |          |
| 603-233-00-1   | reaction mass of: 4-(1,3a,4,6,7,7a-hexahydro-4,7-methanoinden-5-ylidene)-3-methylbutan-2-ol;<br>4-(3,3a,4,6,7,7a-hexahydro-4,7-methanoinden-5-ylidene)-3-methylbutan-2-ol;<br>1-(1,3a,4,6,7,7a-hexahydro-4,7-methanoinden-5-ylidene)pentan-3-ol;<br>1-(3,3a,4,6,7,7a-hexahydro-4,7-methanoinden-5-ylidene)pentan-3-ol;<br>(E)-4-(3a,4,5,6,7,7a-hexahydro-1H-4,7-methanoinden-5-yl)-3-methylbut-3-en-2-ol;<br>(E)-4-(3a,4,5,6,7,7a-hexahydro-3H-4,7-methanoinden-5-yl)-3-methylbut-3-en-2-ol | 444-430-0 | —           | Aquatic Chronic 2   | H411                                 | GHS09                              | H411                          |   |  |          |
| 603-234-00-7   | (1R,4R)-4-methoxy-2,2,7,7-tetramethyltricyclo(6.2.1.0(1,6))undec-5-ene  | 444-480-3 | —           | Skin Irrit. 2<br>Aquatic Chronic 2  | H315<br>H411                         | GHS07<br>GHS09<br>Wng              | H315<br>H411                  |   |  |          |
| 604-071-00-4   | 4,4'-(1-{4-[1-(4-hydroxyphenyl)-1-methylethyl]phenyl}ethylidene)diphenol  | 425-600-3 | 110726-28-8 | Aquatic Chronic 4   | H413                                 | —                                  | H413                          |   |  |          |
| 604-072-00-X   | 1,2-bis(phenoxyethyl)benzene  | 428-620-0 | 10403-74-4  | Aquatic Acute 1<br>Aquatic Chronic 1  | H400<br>H410                         | GHS09<br>Wng                       | H410                          |   |  |          |

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|----------------|---|-----------|-------------|---|--|---|--|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                    | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                    | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 604-073-00-5   | (E)-3-[1-[4-[2-(dimethylamino)ethoxy]phenyl]-2-phenylbut-1-enyl]phenol  | 428-010-4 | 82413-20-5  | Carc. 2<br>Repr. 1B<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                 | H351<br>H360F***<br>H317<br>H400<br>H410         | GHS08<br>GHS07<br>GHS09<br>Dgr          | H351<br>H360F***<br>H317<br>H410                 |   |  |          |
| 604-074-00-0   | tetrabromobisphenol-A;<br>2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol                                    | 201-236-9 | 79-94-7     | Aquatic Acute 1<br>Aquatic Chronic 1  | H400<br>H410                                     | GHS09<br>Wng                            | H410   |   |  |          |
| 604-075-00-6   | 4-(1,1,3,3-tetramethylbutyl)phenol;<br>4-tert-octylphenol   | 205-426-2 | 140-66-9    | Skin Irrit. 2<br>Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                         | H315<br>H318<br>H400<br>H410                     | GHS05<br>GHS09<br>Dgr                   | H315<br>H318<br>H410                             |   | M=10                                     |          |
| 604-076-00-1   | phenolphthalein   | 201-004-7 | 77-09-8     | Carc. 1B<br>Muta. 2<br>Repr. 2  | H350<br>H341<br>H361f***                         | GHS08<br>Dgr                            | H350<br>H341<br>H361f***                         |   | Carc. 1A; H350:<br>C ≥ 1 %               |          |
| 604-077-00-7   | 2-benzotriazol-2-yl-4-methyl-6-(2-methylallyl)phenol  | 419-750-9 | 98809-58-6  | Aquatic Chronic 4   | H413   | —                                       | H413   |   |  |          |
| 604-079-00-8   | 4,4'-(1,3-phenylene-bis(1-methylethylidene))bis-phenol  | 428-970-4 | 13595-25-0  | Repr. 2<br>Skin Sens. 1<br>Aquatic Chronic 2  | H361f***<br>H317<br>H411                         | GHS08<br>GHS09<br>Wng                   | H361f***<br>H317<br>H411                         |   |  |          |
| 604-080-00-3   | 4-fluoro-3-trifluoromethylphenol  | 432-560-0 | 61721-07-1  | Acute Tox. 4 *<br>Skin Corr. 1A<br>Skin Sens. 1<br>Aquatic Chronic 2                        | H332<br>H314<br>H317<br>H411                     | GHS05<br>GHS07<br>GHS09<br>Dgr          | H332<br>H314<br>H317<br>H411                     |   |  |          |
| 604-081-00-9   | 1,1-bis(4-hydroxyphenyl)-1-phenylethane   | 433-130-5 | 1571-75-1   | Aquatic Acute 1<br>Aquatic Chronic 1  | H400<br>H410                                     | GHS09<br>Wng                            | H410   |   |  |          |
| 604-082-00-4   | 2-chloro-6-fluoro-phenol  | 433-890-8 | 2040-90-6   | Muta. 1B<br>Repr. 2<br>Acute Tox. 4 *<br>Skin Corr. 1B<br>Skin Sens. 1<br>Aquatic Chronic 2 | H340<br>H361f***<br>H302<br>H314<br>H317<br>H411 | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H340<br>H361f***<br>H302<br>H314<br>H317<br>H411 |   |  |          |
| 604-083-00-X   | 4,4'-sulfonylbisphenol, polymer with ammonium chloride(NH <sub>4</sub> Cl), pentachlorophosphorane and phenol | 439-270-3 | 260408-02-4 | Aquatic Chronic 4   | H413   | —                                       | H413   |   |  |          |



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|----------------|--|-----------|-------------|---|--|---|--|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 604-084-00-5   | 1-ethoxy-2,3-difluorobenzene   | 441-000-4 | 121219-07-6 | Acute Tox. 4 *<br>Aquatic Chronic 3   | H302<br>H412   | GHS07<br>Wng                            | H302<br>H412   |   |  |          |
| 604-087-00-1   | reaction mass of:<br>1,2-naphthoquinonediazide-5-sulfonylchloride (or sulfonic acid-monoester with 4,4'-(1-(4-(1-(4-hydroxyphenyl)-1-methylethyl)phenyl)ethylidene) bisphenol;<br>1,2-naphthoquinonediazide-5-sulfonylchloride (or sulfonic acid)diester with 4,4'-(1-(4-(1-(4-hydroxyphenyl)-1-methylethyl)phenyl)ethylidene) bisphenol;<br>1,2-naphthoquinonediazide-5-sulfonylchloride (or sulfonic acid)triester with 4,4'-(1-(4-(1-(4-hydroxyphenyl)-1-methylethyl)phenyl)ethylidene) bisphenol | 433-640-8 | —           | Pyr. Sol. 1<br>Aquatic Chronic 4  | H250<br>H413   | GHS02<br>Dgr                            | H250<br>H413   | EUH044                                      |  |          |
| 604-089-00-2   | 2-methyl-5-tert-butylthiophenol  | 444-970-7 | —           | Flam. Liq. 3<br>Repr. 2<br>STOT RE 2 *<br>Asp. Tox. 1<br>Eye Irrit. 2<br>Skin Irrit. 2<br>Skin Sens. 1<br>STOT SE 3<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H226<br>H361d***<br>H373**<br>H304<br>H319<br>H315<br>H317<br>H336<br>H400<br>H410 | GHS02<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H226<br>H361d***<br>H373**<br>H304<br>H319<br>H315<br>H317<br>H336<br>H410 |   |  |          |
| 605-023-00-5   | 5-chloro-2-(4-chlorophenoxy)phenol   | 429-290-0 | 3380-30-1   | Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H318<br>H400<br>H410   | GHS05<br>GHS09<br>Dgr                   | H318<br>H410   |   |  |          |
| 605-024-00-0   | 2-bromo-5-hydroxy-4-methoxybenzaldehyde  | 426-540-0 | 2973-59-3   | Skin Sens. 1<br>Aquatic Chronic 2   | H317<br>H411   | GHS07<br>GHS09<br>Wng                   | H317<br>H411   |   |  |          |

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|----------------|---|-----------|-------------|--|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie                              | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 605-032-00-4   | 3-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-<br>(E)-2-propenal   | 425-370-4 | 93957-50-7  | Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                 | H317<br>H400<br>H410          | GHS07<br>GHS09<br>Wng              | H317<br>H410                  |   |  |          |
| 605-033-00-X   | reaction mass of: 3,7,11-trimethyl-<br>cis-6,10-dodecadienal;<br>3,7,11-trimethyl-trans-6,10-<br>dodecadienal   | 425-910-9 | 32480-08-3  | Skin Irrit. 2<br>Aquatic Acute 1<br>Aquatic Chronic 1                | H315<br>H400<br>H410          | GHS07<br>GHS09<br>Wng              | H315<br>H410                  |   |  |          |
| 605-034-00-5   | reaction mass of:<br>(1RS,2RS,3SR,6RS,9SR)-9-<br>methoxytricyclo[5.2.1.0(2,6)]<br>decane-3-carbaldehyde;<br>(1RS,2RS,3RS,6RS,8SR)-8-<br>methoxytricyclo[5.2.1.0(2,6)]<br>decane-3-carbaldehyde;<br>(1RS,2RS,4SR,6RS,8SR)-8-<br>methoxytricyclo[5.2.1.0(2,6)]<br>decane-4-carbaldehyde | 429-860-9 | —           | Skin Sens. 1<br>Aquatic Chronic 2                                    | H317<br>H411                  | GHS07<br>GHS09<br>Wng              | H317<br>H411                  |   |  |          |
| 605-035-00-0   | (E)-3-(4-(4-fluorophenyl)-5-<br>methoxymethyl-2,6-bis(1-<br>methoxymethyl)pyridin-3-yl)prop-2-<br>enal  | 426-330-9 | 177964-68-0 | Eye Irrit. 2<br>Skin Sens. 1<br>Aquatic Chronic 4                    | H319<br>H317<br>H413          | GHS07<br>Wng                       | H319<br>H317<br>H413          |   |  |          |
| 605-036-00-6   | 2-bromomalonaldehyde  | 430-470-6 | 2065-75-0   | Acute Tox. 4 *<br>Eye Dam. 1   | H302<br>H318                  | GHS05<br>GHS07<br>Dgr              | H302<br>H318                  |   |  |          |
| 605-037-00-1   | trans-3-[2-(7-chloro-2-<br>quinoliny)vinyl]benzaldehyde;<br>3-[(E)-2-(7-chloro-2-<br>quinoliny)vinyl]benzaldehyde   | 421-800-1 | 120578-03-2 | Aquatic Chronic 4  | H413                          | —                                  | H413                          |   |  |          |
| 605-038-00-7   | 3-methyl-5-phenylpentan-1-al  | 433-900-0 | 55066-49-4  | Acute Tox. 4 *<br>Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Chronic 2 | H302<br>H315<br>H317<br>H411  | GHS07<br>GHS09<br>Wng              | H302<br>H315<br>H317<br>H411  |   |  |          |
| 605-039-00-2   | 3,4-dihydroxy-5-nitrobenzaldehyde   | 441-810-8 | 116313-85-0 | Acute Tox. 4 *<br>Eye Dam. 1<br>Skin Sens. 1                         | H302<br>H318<br>H317          | GHS05<br>GHS07<br>Dgr              | H302<br>H318<br>H317          |   |  |          |

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|----------------|---|-----------|-------------|---|----------------------------------|------------------------------------|----------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie                         | Kód(y) výstražných upozornení    | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení    | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 606-074-00-6   | reaction mass of: (1R*,2S*)-2-acetyl-1,2,3,4,5,6,7,8-octahydro-1,2,8,8-tetramethylnaphthalene;<br>(2R*,3S*)-2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethylnaphthalene | 425-570-1 | —           | Aquatic Acute 1<br>Aquatic Chronic 1                            | H400<br>H410                     | GHS09<br>Wng                       | H410                             |   |  |          |
| 606-090-00-3   | 1-[3-[(dimethylamino)methyl]-4-hydroxyphenyl]ethanone   | 430-920-1 | 73096-98-7  | Acute Tox. 4 *<br>Eye Dam. 1<br>Aquatic Chronic 3               | H302<br>H318<br>H412             | GHS05<br>GHS07<br>Dgr              | H302<br>H318<br>H412             |   |  |          |
| 606-093-00-X   | 5-ethyl-2,4-dihydro-4-(2-phenoxyethyl)-3H-1,2,4-triazol-3-one   | 414-470-3 | 95885-13-5  | Acute Tox. 4 *<br>Aquatic Chronic 3                             | H302<br>H412                     | GHS07<br>Wng                       | H302<br>H412                     |   |  |          |
| 606-094-00-5   | N-[ethyl(3-methylbutyl)amino]-3-methyl-1-phenyl-spiro[[1]benzopyrano[2,3-c]pyrazole-4(1H),1'(3'H)-isobenzofuran]-3'-one   | 417-460-7 | —           | Aquatic Chronic 4   | H413                             | —                                  | H413                             |   |  |          |
| 606-095-00-0   | (R,S)-2-azabicyclo[2.2.1]hept-5-en-3-one  | 421-830-3 | 49805-30-3  | Acute Tox. 4 *<br>Skin Sens. 1                                  | H302<br>H317                     | GHS07<br>Wng                       | H302<br>H317                     |   |  |          |
| 606-096-00-6   | 3-(6-O-(6-desoxy- $\alpha$ -l-mannopyranosyl)-O-( $\alpha$ -d-glucopyranosyl)-( $\beta$ -d-glucopyranosyl)oxy)-2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-4H-1-benzopyran-4-one    | 424-170-4 | 130603-71-3 | Skin Sens. 1<br>Aquatic Chronic 2                               | H317<br>H411                     | GHS07<br>GHS09<br>Wng              | H317<br>H411                     |   |  |          |
| 606-097-00-1   | 2,2"-dihydroxy-4,4"-(2-hydroxy-propane-1,3-diylidioxy)dibenzophenone  | 424-210-0 | 23911-85-5  | Aquatic Chronic 4   | H413                             | —                                  | H413                             |   |  |          |
| 606-098-00-7   | 1-benzyl-5-(hexadecyloxy)-2,4-imidazolidinedione  | 431-220-9 | 158574-65-3 | Aquatic Chronic 4   | H413                             | —                                  | H413                             |   |  |          |
| 606-099-00-2   | 5-methoxy-4'-(trifluoromethyl)valerophenone   | 425-000-1 | 61718-80-7  | Aquatic Chronic 2   | H411                             | GHS09                              | H411                             |   |  |          |
| 606-100-00-6   | 2-butyryl-3-hydroxy-5-thiocyclohexan-3-yl-cyclohex-2-en-1-one   | 425-150-8 | 94723-86-1  | Repr. 1B<br>Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Chronic 3 | H360F***<br>H302<br>H317<br>H412 | GHS08<br>GHS07<br>Dgr              | H360F***<br>H302<br>H317<br>H412 |   |  |          |

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|----------------|---|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie             | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 606-101-00-1   | reaction mass of: 1,5-bis[(2-ethylhexyl)amino]-9,10-anthracenedione;<br>1-[(2-ethylhexyl)amino]-5-[3-[(2-ethylhexyl)oxy]propyl]amino-9,10-anthracenedione;<br>1,5-bis[3-[(2-ethylhexyl)oxy]propyl]amino-9,10-anthracenedione;<br>1-[(2-ethylhexyl)amino]-5-[(3-methoxypropyl)amino]-9,10-anthracene dione;<br>1-[3-[(2-ethylhexyl)oxy]propyl]amino-5-[(3-methoxypropyl)amino]-9,10-anthracenedione;<br>1,5-bis[(3-methoxypropyl)amino]-9,10-anthracenedione | 426-050-7 | 165038-51-7 | Aquatic Acute 1<br>Aquatic Chronic 1                | H400<br>H410                  | GHS09<br>Wng                       | H410                          |   |  |          |
| 606-102-00-7   | 4-(3-triethoxysilylpropoxy)-2-hydroxybenzophenone   | 431-490-8 | 79876-59-8  | Aquatic Chronic 2                                   | H411                          | GHS09                              | H411                          |   |  |          |
| 606-103-00-2   | 1-(4-(trans-4-ethylcyclohexyl)phenyl)ethanone   | 426-460-6 | —           | Skin Sens. 1  | H317                          | GHS07<br>Wng                       | H317                          |   |  |          |
| 606-104-00-8   | 1-(4-(trans-4-pentylcyclohexyl)phenyl)ethanone  | 426-830-7 | 78531-59-6  | Skin Sens. 1<br>Aquatic Chronic 4                   | H317<br>H413                  | GHS07<br>Wng                       | H317<br>H413                  |   |  |          |
| 606-105-00-3   | 3,4,3',4'-tetraphenyl-1,1'-ethandiylbispyrol-2,5-dione  | 431-500-0 | 226065-73-2 | Skin Sens. 1<br>Aquatic Chronic 4                   | H317<br>H413                  | GHS07<br>Wng                       | H317<br>H413                  |   |  |          |
| 606-106-00-9   | 1-(4-(trans-4-butylcyclohexyl)phenyl)ethanone   | 427-320-7 | 83626-30-6  | Skin Sens. 1<br>Aquatic Chronic 4                   | H317<br>H413                  | GHS07<br>Wng                       | H317<br>H413                  |   |  |          |
| 606-107-00-4   | 8-azaspiro[4.5]decane-7,9-dione   | 427-770-4 | 1075-89-4   | Acute Tox. 3 *<br>Aquatic Chronic 2                 | H301<br>H411                  | GHS06<br>GHS09<br>Dgr              | H301<br>H411                  |   |  |          |
| 606-108-00-X   | 1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone  | 436-710-6 | 756-13-8    | Aquatic Chronic 3                                   | H412                          | —                                  | H412                          |   |  |          |
| 606-109-00-5   | 2-(4-methyl-3-pentenyl)anthraquinone  | 428-320-1 | 71308-16-2  | Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Chronic 4 | H302<br>H317<br>H314          | GHS07<br>Wng                       | H302<br>H317<br>H314          |   |  |          |

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|----------------|---|-----------|-------------|--|--|------------------------------------|--|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení          | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení          | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 606-110-00-0   | 5-ethoxy-5H-furan-2-one   | 428-330-4 | 2833-30-9   | Skin Corr. 1B<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Skin Sens. 1 | H314<br>H312<br>H302<br>H373**<br>H317 | GHS05<br>GHS08<br>GHS07<br>Dgr     | H314<br>H312<br>H302<br>H373**<br>H317 |   |  |          |
| 606-111-00-6   | 5-amino-6-methyl-1,3-dihydrobenzoimidazol-2-one   | 428-410-9 | 67014-36-2  | Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Chronic 2                              | H302<br>H317<br>H411                   | GHS07<br>GHS09<br>Wng              | H302<br>H317<br>H411                   |   |  |          |
| 606-112-00-1   | (4aR*,8aR*)-4a,5,9,10,11,12-hexahydro-3-methoxy-11-methyl-6H-benzofuro[3a,3,2-ef][2]benzazepin-6-one                        | 428-690-2 | 1668-86-6   | Acute Tox. 4 *<br>Eye Irrit. 2<br>Aquatic Chronic 3                              | H302<br>H319<br>H412                   | GHS07<br>Wng                       | H302<br>H319<br>H412                   |   |  |          |
| 606-113-00-7   | 1-[4-(4-benzoylphenylsulfanyl)phenyl]-2-methyl-2-(4-methylphenylsulfonyl)propan-1-one                                       | 429-040-0 | 272460-97-6 | Eye Dam. 1<br>Aquatic Chronic 4  | H318<br>H314                           | GHS05<br>Dgr                       | H318<br>H314                           |   |  |          |
| 606-114-00-2   | 4,4',5,5',6,6',7,7'-octachloro-(2,2')biisindolyl-1,1',3,3'-tetraone   | 429-150-9 | 67887-47-2  | Aquatic Chronic 4  | H413                                   | —                                  | H413                                   |   |  |          |
| 606-115-00-8   | profoxydim (ISO);<br>2-((EZ)-1-[(2RS)-2-(4-chlorophenoxy)propoxyimino]butyl)-3-hydroxy-5-(thian-3-yl)cyclohex-2-en-1-one    | —         | 139001-49-3 | Carc. 2<br>Repr. 2<br>Skin Sens. 1   | H351<br>H361d<br>H317                  | GHS08<br>GHS07<br>Wng              | H351<br>H361d<br>H317                  |   |  |          |
| 606-116-00-3   | tepraloxydim (ISO);<br>(RS)-(EZ)-2-{1-[(2E)-3-chloroallyloxyimino]propyl}-3-hydroxy-5-perhydropyran-4-ylcyclohex-2-en-1-one | —         | 149979-41-9 | Carc. 2<br>Repr. 2   | H351<br>H361fd                         | GHS08<br>Wng                       | H351<br>H361fd                         |   |  |          |
| 606-117-00-9   | 2,6-bis(1,1-dimethylethyl)-4-(phenylenemethylene)cyclohexa-2,5-dien-1-one   | 429-460-4 | 7078-98-0   | Skin Sens. 1<br>Aquatic Chronic 4  | H317<br>H413                           | GHS07<br>Wng                       | H317<br>H413                           |   |  |          |
| 606-118-00-4   | N-(1,3-dimethylbutyl)-N'-(phenyl)-1,4-benzoquinondiimine  | 429-640-2 | 52870-46-9  | Eye Irrit. 2<br>Aquatic Acute 1<br>Aquatic Chronic 1                             | H319<br>H400<br>H410                   | GHS07<br>GHS09<br>Wng              | H319<br>H410                           |   |  |          |
| 606-119-00-X   | (E)-3-methyl-5-cyclopentadecen-1-one  | 429-900-5 | —           | Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                             | H317<br>H400<br>H410                   | GHS07<br>GHS09<br>Wng              | H317<br>H410                           |   |  |          |

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|----------------|--|-----------|-------------|--|--|---|--|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                          | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 606-120-00-5   | 2,5-dihydroxy-5-methyl-3-(morpholin-4-yl)-2-cyclopenten-1-one  | 430-170-5 | 114625-74-0 | Acute Tox. 4 *<br>Aquatic Chronic 3  | H302<br>H412   | GHS07<br>Wng                            | H302<br>H412                                   |   |  |          |
| 606-121-00-0   | (+)-(1S,2S,3S,5R)-2,6,6-trimethylbicyclo[3.1.1]heptane-3-spiro-1'-(cyclohex-2'-en-4'-one)                                    | 430-460-1 | 133636-82-5 | Skin Corr. 1B<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H314<br>H317<br>H400<br>H410                           | GHS05<br>GHS07<br>GHS09<br>Dgr          | H314<br>H317<br>H410                           |   |  |          |
| 606-122-00-6   | 3-(2-bromopropionoyl)-4,4-dimethyl-1,3-oxazolan-2-one  | 430-820-8 | 114341-88-7 | Acute Tox. 4 *<br>STOT RE 2 *<br>Skin Irrit. 2<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H302<br>H373**<br>H315<br>H318<br>H317<br>H400<br>H410 | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H302<br>H373**<br>H315<br>H318<br>H317<br>H410 |   |  |          |
| 606-123-00-1   | 4-hexadecyl-1-phenylpyrazolidin-3-one  | 430-840-7 | —           | Skin Sens. 1<br>Aquatic Chronic 4  | H317<br>H413   | GHS07<br>Wng                            | H317<br>H413                                   |   |  |          |
| 606-124-00-7   | 1-cyclopropyl-3-(2-methylthio-4-trifluoromethylphenyl)-1,3-propanedione  | 421-080-7 | 161462-35-7 | STOT RE 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H373**<br>H400<br>H410                                 | GHS08<br>GHS09<br>Wng                   | H373**<br>H410                                 |   |  |          |
| 606-125-00-2   | 1-benzylimidazolidine-2,4-dione  | 421-340-1 | 6777-05-5   | Acute Tox. 4 *   | H302   | GHS07<br>Wng                            | H302   |   |  |          |
| 606-126-00-8   | 1,4-bis(2,3-dihydroxypropylamino)anthraquinone   | 421-470-7 | 99788-75-7  | Aquatic Chronic 2  | H411   | GHS09                                   | H411   |   |  |          |
| 606-128-00-9   | 2,2'-(1,3-phenylene)bis[5-chloro-1H-isoindole]-1,3(2H)-dione   | 422-650-8 | 148935-94-8 | Aquatic Chronic 4  | H413   | —                                       | H413   |   |  |          |
| 606-129-00-4   | 5-amino-[2S-di(methylphenyl)amino]-1,6-diphenyl-4Z-hexen-3-one; (2S,4Z)-5-amino-2-(dibenzylamino)-1,6-diphenylhex-4-en-3-one | 423-090-7 | 156732-13-7 | Aquatic Chronic 4  | H413   | —                                       | H413   |   |  |          |
| 606-130-00-X   | 4-(1,4-dioxa-spiro[4.5]dec-8-yl)-cyclohexanone   | 423-860-2 | 56309-94-5  | Skin Sens. 1<br>Aquatic Chronic 3  | H317<br>H412   | GHS07<br>Wng                            | H317<br>H412                                   |   |  |          |
| 606-131-00-5   | cyclic 3-(1,2-ethanedylacetale)-estra-5(10),9(11)-diene-3,17-dione   | 427-230-8 | 5571-36-8   | Repr. 1B<br>STOT RE 2 *<br>Aquatic Chronic 2   | H360F***<br>H373**<br>H411                             | GHS08<br>GHS09<br>Dgr                   | H360F***<br>H373**<br>H411                     |   |  |          |

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|----------------|---|-----------|-------------|--|--|--|--|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                                  | Piktogram, kód(y) výstražných slov               | Kód(y) výstražných upozornení                          | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 606-132-00-0   | (6β)-6,19-epoxyandrost-4-ene-3,17-dione   | 433-490-3 | 6563-83-3   | Skin Sens. 1<br>Aquatic Chronic 3  | H317<br>H412   | GHS07<br>Wng                                     | H317<br>H412   |   |  |          |
| 606-134-00-1   | androsta-1,4,9(11)-triene-3,17-dione  | 433-560-3 | 15375-21-0  | Repr. 2  | H361F***   | GHS08<br>Wng                                     | H361F***   |   |  |          |
| 606-135-00-7   | cyclohexadecanone   | 438-930-8 | 2550-52-9   | Aquatic Chronic 4  | H413   | —  | H413   |   |  |          |
| 606-136-00-2   | (3S,6R,9S,12R,15S,18R,21S,24R)-6,18-dibenzyl-3,9,15,21-tetraisobutyl-4,10,12,16,22,24-hexamethyl-1,7,13,19-tetraoxa-4,10,16,22-tetraazacyclo-tetracosane-2,5,8,11,14,17,20,23-octaone | 444-350-6 | 133413-70-4 | Eye Irrit. 2<br>Aquatic Chronic 4  | H319<br>H413   | GHS07<br>Wng                                     | H319<br>H413   |   |  |          |
| 606-137-00-8   | <i>trans</i> -7,7'-dimethyl-(4 <i>H</i> ,4 <i>H'</i> )-(2,2')bi[benzo[1,4]thiazinylidene]-3,3'-dione  | 444-750-0 | 211387-26-7 | Aquatic Chronic 4  | H413   | —  | H413   |   |  |          |
| 606-138-00-3   | (2-butyl-5-nitrobenzofuran-3-yl)[4-(3-dibutylaminopropoxy)phenyl]methanone  | 444-800-1 | 141645-23-0 | Flam. Liq. 3<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Skin Irrit. 2<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H226<br>H302<br>H373**<br>H315<br>H318<br>H317<br>H400<br>H410 | GHS02<br>GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H226<br>H302<br>H373**<br>H315<br>H318<br>H317<br>H410 | M=10  |  |          |
| 606-139-00-9   | (S)-4-(3,4-dichlorophenyl)-3,4-dihydro-2 <i>H</i> -naphthalen-1-one   | 444-830-5 | 124379-29-9 | Aquatic Chronic 4  | H413   | —  | H413   |   |  |          |
| 606-140-00-4   | 2-hydroxy-1-(4-(4-(2-hydroxy-2-methylpropionyl)benzyl)phenyl)-2-methylpropan-1-one  | 444-860-9 | 474510-57-1 | STOT RE 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H373**<br>H400<br>H410   | GHS08<br>GHS09<br>Wng                            | H373**<br>H410   |   |  |          |
| 606-141-00-X   | sodium 3-(methoxycarbonyl)-4-oxo-3,4,5,6-tetrahydro-2-pyridinolate  | 418-410-7 | —           | Eye Irrit. 2   | H319   | GHS07<br>Wng                                     | H319   |   |  |          |

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|----------------|---|-----------|-------------|--|--|------------------------------------|--|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                  | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení                  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 606-142-00-5   | reaction mass of:<br>(1RS,2SR,7SR,8SR,E) 9 and 10-ethylidene-3-oxatricyclo[6.2.1.0 <sup>(2,7)</sup> ]undecan-4-one;<br>(1RS,2SR,7SR,8SR,Z)-10-ethylidene-3-oxatricyclo[6.2.1.0 <sup>(2,7)</sup> ]undecan-4-one;<br>(1RS,2SR,7SR,8SR,Z)-9-ethylidene-3-oxatricyclo[6.2.1.0 <sup>(2,7)</sup> ]undecan-4-one | 434-290-9 | —           | Acute Tox. 4 *<br>Aquatic Chronic 2  | H302<br>H411                                   | GHS07<br>GHS09<br>Wng              | H302<br>H411                                   |   |  |          |
| 607-417-00-2   | 3-chloropropyl chloroformiate   | 425-770-9 | 628-11-5    | Acute Tox. 3 *<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Skin Irrit. 2<br>Eye Dam. 1<br>Skin Sens. 1 | H331<br>H302<br>H373**<br>H315<br>H318<br>H317 | GHS06<br>GHS05<br>GHS08<br>Dgr     | H331<br>H302<br>H373**<br>H315<br>H318<br>H317 |   |  |          |
| 607-428-00-2   | tetrasodium ethylene diamine tetraacetate   | 200-573-9 | 64-02-8     | Acute Tox. 4 *<br>Eye Dam. 1   | H302<br>H318                                   | GHS05<br>GHS07<br>Dgr              | H302<br>H318                                   |   |  |          |
| 607-429-00-8   | edetic acid;<br>(EDTA)  | 200-449-4 | 60-00-4     | Eye Irrit. 2   | H319   | GHS07<br>Wng                       | H319   |   |  |          |
| 607-471-00-7   | 1,6-bis((dibenzylthiocarbamoyl)disulfanyl)hexane  | 429-280-6 | 151900-44-6 | Aquatic Chronic 4  | H413   | —                                  | H413   |   |  |          |
| 607-473-00-8   | pentaerythritol, dipentaerythritol, fatty acids, C <sub>6-10</sub> , mixed esters with adipic acid, heptanoic acid and isostearic acid  | 426-590-3 | 187412-41-5 | Skin Sens. 1   | H317   | GHS07<br>Wng                       | H317   |   |  |          |
| 607-477-00-X   | (1a5a6a)-6-nitro-3-benzyl-3-azabicyclo[3.1.0]hexane methanesulfonate salt   | 426-740-8 | —           | Acute Tox. 4 *<br>Eye Dam. 1<br>Aquatic Chronic 2  | H302<br>H318<br>H411                           | GHS05<br>GHS07<br>GHS09<br>Dgr     | H302<br>H318<br>H411                           |   |  |          |
| 607-481-00-1   | reaction mass of: trihexyl citrate; dihexyloctyl citrate; dioctylhexyl citrate; dihexyldecyl citrate  | 430-290-8 | —           | Aquatic Chronic 4  | H413   | —                                  | H413   |   |  |          |



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|----------------|---|-----------|-------------|---|---|------------------------------------|---------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení           | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení   | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-482-00-7   | N-[1-(S)-ethoxycarbonyl-3-phenylpropyl]-l-alanyl-N-carboxyanhydride   | 430-360-8 | 84793-24-8  | Eye Dam. 1<br>Skin Sens. 1  | H318<br>H317                            | GHS05<br>GHS07<br>Dgr              | H318<br>H317                    |   |  |          |
| 607-483-00-2   | 1,2-benzenedicarboxylic acid; di-C <sub>6-8</sub> -branched alkylesters, C <sub>7</sub> -rich   | 276-158-1 | 71888-89-6  | Repr. 1B  | H360D***                                | GHS08<br>Dgr                       | H360D***                        |   |  |          |
| 607-484-00-8   | ethyl 2-[[3-acetylamino-4-(6-bromo-2-methyl-1,3-dioxo-2,3-dihydro-1H-isoindol-5-ylazo)phenyl]ethylamino]propionate  | 430-480-0 | 221452-67-1 | Aquatic Chronic 4   | H413                                    | —                                  | H413                            |   |  |          |
| 607-485-00-3   | (3S-trans)-phenyl-3-[(1,3-benzodioxol-5-yloxy)methyl]-4-(4-fluorophenyl)-1-piperidinecarboxylate  | 430-510-2 | —           | Aquatic Chronic 4   | H413                                    | —                                  | H413                            |   |  |          |
| 607-486-00-9   | potassium sodium 5'-(6-chloro-4-(2-(2-vinylsulfonylethoxy)ethylamino)-1,3,5-triazin-2-ylamino)-4'-hydroxy-2,3'-azodinaphthalene-1,2',5,7'-disulfonate   | 402-110-8 | 110081-40-8 | Aquatic Chronic 3   | H412                                    | —                                  | H412                            |   |  |          |
| 607-491-00-6   | reaction mass of: diester of 4,4'-methylenebis[2-(2-hydroxy-5-methylbenzyl)-3,6-dimethylphenol] and 6-diazo-5,6-dihydro-5-oxonaphthalene-1-sulfonic acid (1:2); triester of 4,4'-methylenebis[2-(2-hydroxy-5-methylbenzyl)-3,6-dimethylphenol] and 6-diazo-5,6-dihydro-5-oxonaphthalene-1-sulfonic acid (1:3) | 427-140-9 | —           | Carc. 2   | H351                                    | GHS08<br>Wng                       | H351                            |   |  |          |
| 607-504-00-5   | diammonium 1-hydroxy-2-(4-(4-carboxyphenylazo)-2,5-dimethoxyphenylazo)-7-amino-3-naphthalenesulfonate   | 422-670-7 | —           | Repr. 1A<br>Acute Tox. 3 *<br>STOT RE 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H361f<br>H301<br>H373**<br>H400<br>H410 | GHS06<br>GHS08<br>GHS09<br>Dgr     | H361f<br>H301<br>H373**<br>H410 |   |  |          |
| 607-509-00-2   | 2-phenoxyethyl 4-aminobenzoate  | 430-880-5 | 88938-23-2  | Aquatic Chronic 2   | H411                                    | GHS09                              | H411                            |   |  |          |
| 607-510-00-8   | (2S,5R)-6,6-dibromo-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 4,4-dioxide  | 427-200-4 | 76646-91-8  | Acute Tox. 4 *<br>Skin Irrit. 2<br>Eye Dam. 1<br>Skin Sens. 1                     | H302<br>H315<br>H318<br>H317            | GHS05<br>GHS07<br>Dgr              | H302<br>H315<br>H318<br>H317    |   |  |          |

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|----------------|--|-----------|-------------|--|--------------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení        | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-511-00-3   | reaction mass of: 4-[(3-decyloxypropyl)(3-isobutoxy-1-isobutoxycarbonyl-3-oxopropyl)amino]-4-oxobutyric acid; 4-[(3-isobutoxy-1-isobutoxycarbonyl-3-oxopropyl)(3-octyloxypropyl)amino]-4-oxobutyric acid         | 423-750-4 | —           | Eye Irrit. 2<br>Aquatic Chronic 2  | H319<br>H411                         | GHS07<br>GHS09<br>Wng              | H319<br>H411                  |   |  |          |
| 607-514-00-X   | potassium N-(1-methoxy-1-oxobut-2-en-3-yl)valinate   | 427-240-2 | 134841-35-3 | Skin Sens. 1   | H317                                 | GHS07<br>Wng                       | H317                          |   |  |          |
| 607-518-00-1   | 3-oxoandrost-4-ene-17- $\beta$ -carboxylic acid  | 414-990-0 | 302-97-6    | Repr. 1A<br>Aquatic Chronic 4  | H361f<br>H413                        | GHS08<br>Dgr                       | H361f<br>H413                 |   |  |          |
| 607-519-00-7   | poly-[[[(4-ethyl-ethylene)amino]phenyl]-[(4-(ethyl-(2-oxyethylene)amino)phenyl)methyl]cyclohexa-2,5-dienylidene)-N-ethyl-N-(2-hydroxyethyl)ammonium acetate]   | 427-280-0 | 176429-27-9 | STOT SE 3<br>Skin Irrit. 2<br>Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H335<br>H315<br>H318<br>H400<br>H410 | GHS05<br>GHS07<br>GHS09<br>Dgr     | H335<br>H315<br>H318<br>H410  |   |  |          |
| 607-520-00-2   | reaction mass of: sodium 4,5-dihydro-2-[(propionato)(C <sub>6-18</sub> )alkyl]-3H-imidazolium-N-ethylphosphate; disodium 4,5-dihydro-2-[(dipropionato)(C <sub>6-18</sub> )alkyl]-3H-imidazolium-N-ethylphosphate | 427-740-0 | —           | Eye Dam. 1<br>Skin Sens. 1   | H318<br>H317                         | GHS05<br>GHS07<br>Dgr              | H318<br>H317                  |   |  |          |
| 607-521-00-8   | tetraethyl N,N-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate   | 429-270-1 | 136210-30-5 | Skin Sens. 1<br>Aquatic Chronic 3  | H317<br>H412                         | GHS07<br>Wng                       | H317<br>H412                  |   |  |          |
| 607-522-00-3   | sodium salt of the polymer of: sodium 2-methyl-but-1,3-diene-1-sulfonate with acrylic acid and 2-hydroxyethyl-2-methylacrylate   | 429-720-7 | 184246-86-4 | Aquatic Chronic 3  | H412                                 | —                                  | H412                          |   |  |          |

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|----------------|---|-----------|------------|--|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |            | Trieda nebezpečnosti a kód(y) kategórie          | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-523-00-9   | reaction mass of mono to tetra(lithium and/or sodium)3-amino-10-[4-(4-amino-3-sulfonatoanilino)-6-[methyl-(2-sulfonatoethyl)amino]-1,3,5-triazin-2-ylamino]-6-1 3-dichlorobenzo[1,2-B:4,5-B']di[1,4] benzoxazine-4,11-disulfonate; mono to tetra(lithium and/or sodium)3-amino-10-[4,6-bis(4-amino-3-sulfonatoanilino)-1,3,5-triazin-2-ylamino]-6-1 3-dichlorobenzo[1,2-B:4,5-B']di[1,4] benzoxazine-4,11-disulfonate; mono to penta(lithium and/or sodium)10,10'-diamino-6,6',1 3,1 3'-tetrachloro-3,3'-[6-[methyl-(2-sulfonatoethyl)amino]-1,3,5-triazin-2,4-diyl-diimino]bis[benzo[1,2-B:4,5-B']di[1,4]benzoxazine-4,11-disulfonate; mono to hepta(lithium and/or sodium)10-amino-6,6',1 3,1 3'-tetrachloro-10'[4-(4-amino-3-sulfonatoanilino)-[6-methyl-(2-sulfonatoethyl)amino]-1,3,5-triazin-2,4-diimino]bis[benzo[1,2-B:4,5-B']di[1,4]benzoxazine-4,11-disulfonate; mono to hepta(lithium and/or sodium)10,10'-diamino-6,6',3,3'[(2-sulfonato)-1,4-phenylenediiminobis[6-methyl-(2-sulfonatoethyl)amino]-1,3,5-triazin-2,4-diyl-diimino]bis[benzo[1,2-B:4,5-B']di[1,4]benzoxazine-4,11-disulfonate | 430-200-7 | —          | Eye Dam. 1<br>Aquatic Chronic 3                  | H318<br>H412                  | GHS05<br>Dgr                       | H318<br>H412                  |   |  |          |
| 607-524-00-4   | tall oil 2-[(tetrahydro-2H-pyran-2-yl)thio]ethyl esters   | 430-310-5 | —          | Aquatic Chronic 4                                | H413                          |                                    | H413                          |   |  |          |
| 607-525-00-X   | (Z)-2-methoxyimino-2-[2-(tritylamino)thiazol-4-yl]acetic acid   | 431-520-1 | 64485-90-1 | Flam. Sol. 1****<br>Carc. 2<br>Aquatic Chronic 3 | H228<br>H351<br>H412          | GHS02<br>GHS08<br>Dgr              | H228<br>H351<br>H412          |   |  |          |

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|----------------|--|-----------|-------------|--|--------------------------------|------------------------------------|--------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie                          | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-528-00-6   | (S)-3-methyl-2-(2-oxotetrahydropyrimidine-1-yl)butyric acid  | 430-900-2 | 192725-50-1 | Eye Dam. 1   | H318                           | GHS05<br>Dgr                       | H318                           |   |  |          |
| 607-529-00-1   | benzyl cis-4-ammonium-4'-toluenesulfonato-1-cyclohexanecarboxylate   | 426-070-6 | 67299-45-0  | Aquatic Chronic 3  | H412                           | —                                  | H412                           |   |  |          |
| 607-530-00-7   | reaction mass of isomers of: C <sub>7-9</sub> -alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate  | 406-040-9 | 125643-61-0 | Aquatic Chronic 4  | H413                           | —                                  | H413                           |   |  |          |
| 607-531-00-2   | methyl 3-amino-4,6-dibromo-2-methylbenzoate  | 425-190-6 | 119916-05-1 | STOT RE 2 *<br>Aquatic Chronic 2                                 | H373**<br>H411                 | GHS08<br>GHS09<br>Wng              | H373**<br>H411                 |   |  |          |
| 607-532-00-8   | (S)-1-[2-tert-butoxycarbonyl-3-(2-methoxyethoxy)propyl]-1-cyclopentanecarboxylic acid, cyclohexylamine salt  | 425-510-4 | 167944-94-7 | Aquatic Chronic 3  | H412                           | —                                  | H412                           |   |  |          |
| 607-533-00-3   | pentasodium monohydrogen 6-chloro-3,10-bis[2-[4-chloro-6-(2,4-disulfophenylamino)-1,3,5-triazin-2-yl-amino]ethylamino]-13-ethylbenzo[5.6][1.4]oxazino[2,3-b]phenoxazine-4,11-disulfonate | 414-910-4 | —           | Eye Dam. 1<br>Skin Sens. 1                                       | H318<br>H317                   | GHS05<br>GHS07<br>Dgr              | H318<br>H317                   |   |  |          |
| 607-534-00-9   | ethyl 2-(3-benzoylphenyl)propanoate  | 414-920-9 | 60658-04-0  | Acute Tox. 3 *<br>STOT RE 1<br>Skin Sens. 1<br>Aquatic Chronic 2 | H301<br>H372**<br>H317<br>H411 | GHS06<br>GHS08<br>GHS09<br>Dgr     | H301<br>H372**<br>H317<br>H411 |   |  |          |
| 607-535-00-4   | potassium 4-iodo-2-sulfonato-benzoic acid  | 426-620-5 | —           | Eye Dam. 1<br>Aquatic Chronic 3                                  | H318<br>H412                   | GHS05<br>Dgr                       | H318<br>H412                   |   |  |          |
| 607-536-00-X   | (2,6-xylyloxy) acetic acid   | 430-910-7 | 13335-71-2  | Acute Tox. 4 *<br>Eye Dam. 1<br>Aquatic Chronic 3                | H302<br>H318<br>H412           | GHS05<br>GHS07<br>Dgr              | H302<br>H318<br>H412           |   |  |          |

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|----------------|---|-----------|-------------|---|--|---|--|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení          | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-537-00-5   | isopropylammonium 2-(3-benzoylphenyl)propionate   | 417-970-1 | —           | Acute Tox. 3 *<br>Acute Tox. 4 *<br>STOT RE 1<br>Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H301<br>H312<br>H372**<br>H318<br>H400<br>H410 | GHS06<br>GHS05<br>GHS08<br>GHS09<br>Dgr | H301<br>H312<br>H372**<br>H318<br>H410 |   |  |          |
| 607-539-00-6   | propyl((4-(5-oxo-3-propylisoxazolidin-4-ylidenmethin)phenyl)propoxycarbonylmethyleneamino)acetate   | 431-000-2 | 198705-81-6 | Aquatic Chronic 4   | H413   | —                                       | H413                                   |   |  |          |
| 607-540-00-1   | 1-(mercaptomethyl)cyclopropylacetic acid  | 420-240-3 | 162515-68-6 | Skin Corr. 1B<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Chronic 2              | H314<br>H312<br>H302<br>H317<br>H411           | GHS05<br>GHS07<br>GHS09<br>Dgr          | H314<br>H312<br>H302<br>H317<br>H411   |   |  |          |
| 607-541-00-7   | [(1-methyl-1,2-ethanediyl)bis[nitrilobis(methylene)]]tetrakis(p-hosphonic acid)   | 421-940-1 | 28698-31-9  | Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H318<br>H400<br>H410                           | GHS05<br>GHS09<br>Dgr                   | H318<br>H410                           |   |  |          |
| 607-542-00-2   | methyl 2-(4-butanesulfonamidophenoxy) tetradecanoate  | 422-110-1 | —           | Aquatic Acute 1<br>Aquatic Chronic 1  | H400<br>H410                                   | GHS09<br>Wng                            | H410                                   |   |  |          |
| 607-543-00-8   | poly-[[[(4-(4-(ethyl-ethylene)amino)phenyl)-(4-(ethyl-(2-oxoethyl)amino)phenyl)methinyl)-3-methylcyclohexa-2,5-dienylidene)-N-ethyl-N-(2-hydroxyethyl)ammonium acetate] | 427-480-8 | 176429-22-4 | STOT SE 3<br>Skin Irrit. 2<br>Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                    | H335<br>H315<br>H318<br>H400<br>H410           | GHS05<br>GHS07<br>GHS09<br>Dgr          | H335<br>H315<br>H318<br>H410           |   |  |          |
| 607-544-00-3   | ethyl 6,8-difluoro-1-(formylmethylamino)-1,4-dihydro-7-(4-methyl)piperazin-1-yl)-4-oxo-quinoline-3-carboxylate  | 427-490-2 | 158585-86-5 | Aquatic Chronic 3   | H412   | —                                       | H412                                   |   |  |          |
| 607-545-00-9   | 1,2-dimethyl-3-(1-methylethenyl)cyclopentyl acetate   | 424-070-0 | 94346-09-5  | Skin Irrit. 2<br>Aquatic Chronic 2  | H315<br>H411                                   | GHS07<br>GHS09<br>Wng                   | H315<br>H411                           |   |  |          |

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|----------------|---|-----------|-------------|---|--|---|--|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                          | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                          | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-546-00-4   | reaction mass of: methyl {[5-acetylamino-4-(2-chloro-4-nitrophenylazo)phenyl] methoxycarbonylmethylamino} acetate;<br>methyl {[5-acetylamino-4-(2-chloro-4-nitrophenylazo)phenyl] ethoxycarbonylmethylamino}acetate | 424-290-7 | 188070-47-5 | Skin Sens. 1  | H317   | GHS07<br>Wng                            | H317   |   |  |          |
| 607-547-00-X   | 18-methylnonadecyl 2,2 -dimethylpropanoate  | 424-370-1 | 125496-22-2 | Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Chronic  | H315<br>H317<br>H413                                   | GHS07<br>Wng                            | H315<br>H317<br>H413                                   |   |  |          |
| 607-548-00-5   | 1-(2,4-dichlorophenyl)-2-(1H-imidazol-1-yl)ethanone methanesulfonate  | 431-010-7 | 154486-26-7 | Acute Tox. 4 *<br>Eye Dam. 1<br>Aquatic Chronic 2   | H302<br>H318<br>H411                                   | GHS05<br>GHS07<br>GHS09<br>Dgr          | H302<br>H318<br>H411                                   |   |  |          |
| 607-549-00-0   | methyl (E)-2((3-(1,3-benzodioxol-5-yl)-2-methyl-1-propenyl)amino)benzoate   | 424-430-7 | 125778-19-0 | Aquatic Acute 1<br>Aquatic Chronic 1  | H400<br>H410   | GHS09<br>Wng                            | H410   |   |  |          |
| 607-550-00-6   | 2-amino-4-bromo-5-chlorobenzoic acid  | 424-700-4 | —           | Eye Dam. 1<br>Aquatic Chronic 3   | H318<br>H410   | GHS05<br>Dgr                            | H318<br>H410   |   |  |          |
| 607-551-00-1   | tetrabutylammonium 2-amino-6-iodopurinate   | 424-710-9 | 156126-48-6 | Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Skin Irrit. 2<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 2 | H312<br>H302<br>H373**<br>H315<br>H318<br>H317<br>H411 | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H312<br>H302<br>H373**<br>H315<br>H318<br>H317<br>H411 |   |  |          |
| 607-552-00-7   | hexadecyl 3-amino-4-isopropoxybenzoate  | 424-830-1 | —           | Aquatic Chronic 4   | H413   | —                                       | H413   |   |  |          |

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|----------------|---|-----------|-------------|---|--|---|--|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení          | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-553-00-2   | 7-amino-4-hydroxy-2-naphthalenesulfonic acid, coupled with 5 (or 8) -amino-8 (or 5)-[[4-[[4-[[4-amino-6 (or 7)-sulfo-1-naphthyl]azo]phenyl]amino]-3-sulfophenyl]azo]-2-naphthalenesulfonic acid and 4-hydroxy-7-(phenylamino)-2-naphthalenesulfonic acid, sodium salt | 424-850-0 | —           | Eye Dam. 1  | H318   | GHS05<br>Dgr                            | H318                                   |   |  |          |
| 607-554-00-8   | 2,4-diamino-5-[4-[(2-sulfoxyethyl)sulfonyl]phenylazo]benzenesulfonic acid   | 424-870-1 | 27624-67-5  | Expl. 1.1<br>Eye Dam. 1<br>Aquatic Chronic 3  | H201<br>H318<br>H412                           | GHS01<br>GHS05<br>Dgr                   | H201<br>H318<br>H412                   |   |  |          |
| 607-555-00-3   | 1,1,3,3-tetramethylbutylperoxyvalate  | 424-980-8 | 22288-41-1  | Flam. Liq. 2<br>Org. Perox. D<br>Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Chronic 2                 | H225<br>H242<br>H315<br>H317<br>H411           | GHS02<br>GHS07<br>GHS09<br>Dgr          | H225<br>H242<br>H315<br>H317<br>H411   |   |  |          |
| 607-556-00-9   | 2-acetoxymethylene-4-acetylphenylacetate  | 425-160-2 | 24085-06-1  | Acute Tox. 4 *<br>STOT RE 2 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H302<br>H373**<br>H318<br>H317<br>H400<br>H410 | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H302<br>H373**<br>H318<br>H317<br>H410 |   |  |          |
| 607-557-00-4   | salt of: (1S-cis)-1-amino-2,3-dihydro-1H-inden-2-ol and [R-[R*R*]]-2,3-dihydroxybutanedioic acid  | 425-210-3 | 169939-84-8 | Skin Sens. 1  | H317   | GHS07<br>Wng                            | H317                                   |   |  |          |
| 607-558-00-X   | 2S-isopropyl-5R-methyl-1R-cyclohexyl (2R,5S)-5-(4-amino-2-oxo-2H-pyrimidin-1-yl)-[1,3]-oxathiolane-2-carboxylate  | 425-250-1 | 147027-10-9 | Aquatic Chronic 2   | H411   | GHS09                                   | H411                                   |   |  |          |
| 607-559-00-5   | coconut oil, reaction products with glycerol esters of 3,5-bis(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid  | 425-400-6 | 179986-09-5 | Aquatic Chronic 4   | H413   | —                                       | H413                                   |   |  |          |
| 607-560-00-0   | (R,S)-2-butyloctanedioic acid   | 431-210-4 | 50905-10-7  | Eye Dam. 1  | H318   | GHS05<br>Dgr                            | H318                                   |   |  |          |

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|----------------|---|-----------|-------------|---|--|---|--------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení          | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-561-00-6   | sodium 4-hydroxy-3-(N'-(2-(2-hydroxyethylenesulfonyl) ethylene)ureido)-5-nitrobenzenesulfonate  | 425-460-3 | —           | Skin Sens. 1<br>Aquatic Chronic 3   | H317<br>H412                           | GHS07<br>Wng                            | H317<br>H412                   |   |  |          |
| 607-562-00-1   | reaction mass of: (2R,3R)-3-(2-ethoxyphenoxy)-2-hydroxy-3-phenylpropylammonium methanesulfonate;<br>(2S,3S)-3-(2-ethoxyphenoxy)-2-hydroxy-3-phenylpropylammonium methanesulfonate | 425-530-3 | 98769-75-6  | Acute Tox. 4 *<br>Eye Dam. 1<br>Aquatic Chronic 2                                   | H302<br>H318<br>H411                   | GHS05<br>GHS07<br>GHS09<br>Dgr          | H302<br>H318<br>H411           |   |  |          |
| 607-563-00-7   | 5,7-dichloro-4-hydroxyquinoline-3-carboxylic acid   | 431-250-2 | 171850-30-9 | Aquatic Chronic 2   | H411                                   | GHS09                                   | H411                           |   |  |          |
| 607-564-00-2   | 1,6-hexanediammonium, sodium 5-sulfato-1,3-benzenedicarboxylate   | 425-730-0 | 51178-75-7  | Skin Sens. 1  | H317                                   | GHS07<br>Wng                            | H317                           |   |  |          |
| 607-565-00-8   | 3-ethyl 5-methyl 2-(2-aminoethoxymethyl)-4-(2-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate  | 425-820-1 | 88150-42-9  | Acute Tox. 3 *<br>STOT RE 2 *<br>Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H301<br>H373**<br>H318<br>H400<br>H410 | GHS06<br>GHS05<br>GHS08<br>GHS09<br>Dgr | H301<br>H373**<br>H318<br>H410 |   |  |          |
| 607-566-00-3   | reaction mass of: dodecylphenyl dodecylhydroxybenzenecarboxylate;<br>bis(dodecylphenyl)dodecyl hydroxybenzenedicarboxylate  | 426-140-6 | —           | Aquatic Chronic 4   | H413                                   | —                                       | H413                           |   |  |          |
| 607-567-00-9   | potassium 3-iodo-6-methylbenzenesulfonate   | 426-300-5 | —           | Eye Dam. 1  | H318                                   | GHS05<br>Dgr                            | H318                           |   |  |          |
| 607-568-00-4   | potassium 2-chloro-3-(benzyloxy)propionate  | 426-350-8 | 138666-92-9 | Acute Tox. 4 *<br>STOT RE 2 *<br>Eye Dam. 1<br>Skin Sens. 1                         | H302<br>H373**<br>H318<br>H317         | GHS05<br>GHS08<br>GHS07<br>Dgr          | H302<br>H373**<br>H318<br>H317 |   |  |          |
| 607-569-00-X   | reaction mass of: sodium 2-amino-4-(2,6-difluoropyrimidin-4-ylamino)benzenesulfonate;<br>sodium 2-amino-4-(4,6-difluoropyrimidin-4-ylamino)benzenesulfonate                       | 426-470-0 | —           | Skin Sens. 1  | H317                                   | GHS07<br>Wng                            | H317                           |   |  |          |



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|----------------|---|-----------|-------------|---|--|------------------------------------|--|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                  | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení          | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-570-00-5   | sodium (6 <i>R-trans</i> )-7-amino-8-oxo-3-[[[1-(sulfo)methyl]-1 <i>H</i> -tetrazol-5-yl]thio]methyl]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate monohydrate   | 426-520-1 | 71420-85-4  | Skin Sens. 1  | H317   | GHS07<br>Wng                       | H317                                   |   |  |          |
| 607-571-00-0   | 2-cyclopentene-1-acetic acid, 3-hydroxy-2-pentyl-, methyl ester acetate   | 431-400-7 | 57374-49-9  | Skin Sens. 1<br>Aquatic Chronic 2   | H317<br>H411                                   | GHS07<br>GHS09<br>Wng              | H317<br>H411                           |   |  |          |
| 607-572-00-6   | diethyl thiophosphoryl (Z)-(2-aminothiazol-4-yl)methoxyimino acetate  | 426-790-0 | 162208-27-7 | Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H312<br>H302<br>H373**<br>H317<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Wng     | H312<br>H302<br>H373**<br>H317<br>H410 |   |  |          |
| 607-573-00-1   | reaction mass of: disodium 7-(2,4-difluoropyrimidin-6-ylamino)-4-hydroxy-3-(4-methoxy-2-sulfonatophenylazo)naphthalene-2-sulfonate;<br>disodium 7-(4,6-difluoropyrimidin-2-ylamino)-4-hydroxy-3-(4-methoxy-2-sulfonatophenylazo)naphthalene-2-sulfonate | 426-840-1 | —           | Eye Dam. 1  | H318   | GHS05<br>Dgr                       | H318                                   |   |  |          |
| 607-574-00-7   | [1 <i>R</i> -(1- $\alpha$ ,2 $\beta$ ,5 $\alpha$ )]-mono[5-methyl-2-(1-methylethyl)cyclohexyl]butanedioate  | 426-890-4 | 77341-67-4  | Eye Dam. 1  | H318   | GHS05<br>Dgr                       | H318                                   |   |  |          |
| 607-575-00-2   | 4-(5-(5-[1-(4-carboxyphenyl)hexahydro-2,4,6-trioxypyrimidin-5-ylidene]penta-1,3-dienyl)-1,2,3,4-tetrahydro-6-hydroxy-2,4-dioxypyrimidin-1-yl)benzoic acid-triethylamine salt  | 426-900-7 | —           | STOT SE 3<br>Aquatic Chronic 3  | H335<br>H412                                   | GHS07<br>Wng                       | H335<br>H412                           |   |  |          |
| 607-576-00-8   | branched, octyl 3-[3,5-di( <i>tert</i> -butyl)-4-hydroxyphenyl]propanoate   | 427-030-0 | —           | Aquatic Acute 1<br>Aquatic Chronic 1  | H400<br>H410                                   | GHS09<br>Wng                       | H410                                   |   |  |          |

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|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie                           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-577-00-3   | (2R*,3S*)-2-(2,4-difluorophenyl)-3-(5-fluoro-4-pyrimidinyl)-1-(1H-1,2,4-triazol-1-yl)butan-2-ol (1R)-10-camphorsulfonate   | 427-100-0 | —           | Acute Tox. 4 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 3 | H302<br>H318<br>H317<br>H412  | GHS05<br>GHS07<br>Dgr              | H302<br>H318<br>H317<br>H412  |   |  |          |
| 607-578-00-9   | ethyl 4-((4-diethylamino-2-methylphenyl)imino)-4,5-dihydro-1-isopropyl-5-oxo-1H-pyrazole-3-carboxylate   | 427-110-5 | —           | Acute Tox. 4 *<br>STOT RE 2 *<br>Aquatic Chronic 4                | H302<br>H373**<br>H413        | GHS08<br>GHS07<br>Wng              | H302<br>H373**<br>H413        |   |  |          |
| 607-579-00-4   | diethyl[(p-ethoxyanilino)methylene]malonate  | 431-430-0 | 103976-28-9 | Acute Tox. 4 *<br>Aquatic Chronic 2                               | H302<br>H411                  | GHS07<br>GHS09<br>Wng              | H302<br>H411                  |   |  |          |
| 607-580-00-X   | ethyl 7-chloro-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylate   | 422-360-1 | 100491-29-0 | Skin Sens. 1<br>Aquatic Chronic 2                                 | H317<br>H411                  | GHS07<br>GHS09<br>Wng              | H317<br>H411                  |   |  |          |
| 607-581-00-5   | ethyl 2-ethoxy-4-carboxymethylbenzoate   | 427-630-2 | 99469-99-5  | Eye Dam. 1  | H318                          | GHS05<br>Dgr                       | H318                          |   |  |          |
| 607-582-00-0   | reaction mass of: tetrasodium 7-(4-(4-fluoro-6-(4-(2-sulfonatoethylsulfonyl)phenylamino)-1,3,5-triazin-2-ylamino)-2-ureidophenylazo)naphthalene-1,3,6-trisulfonate;<br>tetrasodium 7-(4-(4-hydroxy-6-(4-(2-sulfonatoethylsulfonyl)phenylamino)-1,3,5-triazin-2-ylamino)-2-ureidophenylazo)naphthalene-1,3,6-trisulfonate | 427-650-1 | —           | Aquatic Chronic 3   | H412                          | —                                  | H412                          |   |  |          |
| 607-583-00-6   | 4-amino-3-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-1-naphthalene sulfonic acid   | 427-680-5 | 188907-52-0 | Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 3                   | H318<br>H317<br>H412          | GHS05<br>GHS07<br>Dgr              | H318<br>H317<br>H412          |   |  |          |
| 607-584-00-1   | trisodium 3-[2-acetylamino-4-[4-chloro-6-[4-(2-sulfonatoxyethylsulfonyl)phenylamino]-1,3,5-triazine-2-ylamino]phenylazo]naphthalene-1,5-disulfonate  | 427-710-7 | 215612-56-9 | Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 3                   | H318<br>H317<br>H412          | GHS05<br>GHS07<br>Dgr              | H318<br>H317<br>H412          |   |  |          |

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|----------------|---|-----------|-------------|---|--------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie                               | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-585-00-7   | strontium 2-[(2-hydroxy-6-sulfonato-1-naphthyl)azo]naphthalene-1-sulfonate  | 427-930-3 | —           | Skin Sens. 1  | H317                           | GHS07<br>Wng                       | H317                          |   |  |          |
| 607-586-00-2   | dodecyl 3-amino-4-chlorobenzoate  | 428-020-9 | 6195-20-6   | Skin Sens. 1<br>Aquatic Chronic 4                                     | H317<br>H413                   | GHS07<br>Wng                       | H317<br>H413                  |   |  |          |
| 607-587-00-8   | ethyl cis-4-[4-[[2-(2,4-dichlorophenyl)-2-(1H-imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazine-1-carboxylate  | 428-030-3 | 67914-69-6  | Acute Tox. 4 *<br>STOT RE 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H302<br>H373**<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Wng     | H302<br>H373**<br>H410        |   |  |          |
| 607-588-00-3   | reaction mass of: 2-ethylhexyl 2,3,4,5-tetrabromobenzoate;<br>bis(2-ethylhexyl) 3,4,5,6-tetrabromophthalate   | 428-050-2 | —           | Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                  | H317<br>H400<br>H410           | GHS07<br>GHS09<br>Wng              | H317<br>H410                  |   |  |          |
| 607-589-00-9   | tetrakis(1,2,2,6,6-pentamethyl-4-piperidyl)-1,2,3,4-butanetetracarboxylate  | 428-070-1 | 91788-83-9  | STOT RE 1<br>Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H372**<br>H302<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Dgr     | H372**<br>H302<br>H410        |   |  |          |
| 607-590-00-4   | hexadecyl 3-[2-(5,5-dimethyl-2,4-dioxo-1,3-oxazolidin-3-yl)-4,4-dimethyl-3-oxoaleramido]-4-isopropoxybenzoate   | 428-140-1 | 210706-50-6 | Aquatic Chronic 4   | H413                           | —                                  | H413                          |   |  |          |
| 607-591-00-X   | reaction mass of: trisodium 5-(4-fluoro-6-morpholin-4-yl-1,3,5-triazin-2-ylamino)-4-hydroxy-3-(4-(2-sulfoxyethanesulfonyl)phenylazo)naphthalene-2,7-disulfonate;<br>disodium 3-(4-ethenesulfonylphenylazo)-5-(4-fluoro-6-morpholin-4-yl-1,3,5-triazin-2-ylamino)-4-hydroxynaphthalene-2,7-disulfonate | 428-400-4 | —           | Eye Dam.  | H318                           | GHS05<br>Dgr                       | H318                          |   |  |          |
| 607-592-00-5   | di(C <sub>9-11</sub> -alkyl) cyclohexane-1,4-dicarboxylate  | 428-870-0 | —           | Aquatic Chronic 4   | H413                           | —                                  | H413                          |   |  |          |
| 607-593-00-0   | 4-(2-methylacryloyloxy)phenyl 4-allyloxybenzoate  | 429-000-2 | 159235-16-2 | Skin Sens. 1<br>Aquatic Chronic 3                                     | H317<br>H412                   | GHS07<br>Wng                       | H317<br>H412                  |   |  |          |

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|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie                               | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-594-00-6   | ethyl (1S,5R,6S)-5-(1-ethylprooxy)-7-oxabicyclo[4.1.0]hept-3-ene-3-carboxylate   | 429-020-1 | 204254-96-6 | STOT RE 2 *<br>Skin Sens. 1   | H373**<br>H317                | GHS08<br>GHS07<br>Wng              | H373**<br>H317                |   |  |          |
| 607-595-00-1   | N-amidino-N-methylglycine-2-oxopropionate  | 429-120-5 | 208535-04-0 | Eye Dam. 1  | H318                          | GHS05<br>Dgr                       | H318                          |   |  |          |
| 607-596-00-7   | ethyl 2-(4-phenoxyphenyl)lactate   | 429-220-9 | 132584-17-9 | Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                  | H317<br>H400<br>H410          | GHS07<br>GHS09<br>Wng              | H317<br>H410                  |   |  |          |
| 607-597-00-2   | tetrasodium 4,4'-bis{4-[4-(2-hydroxyethylamino)-6-(4-sulfonatoanilino)-1,3,5-triazin-2-ylamino]phenylazo}stilbene-2,2'-disulfonate   | 429-230-3 | —           | Eye Dam. 1  | H318                          | GHS05<br>Dgr                       | H318                          |   |  |          |
| 607-598-00-8   | trisodium 3-amino-4-[4-(2-(2-ethenylsulfonylethoxy)ethylamino)-6-fluoro-1,3,5-triazine-2-ylamino]-2-sulfophenylazo]-5-hydroxynaphthalene-2,7-disulfonate                     | 429-240-8 | 212652-59-0 | Eye Dam. 1  | H318                          | GHS05<br>Dgr                       | H318                          |   |  |          |
| 607-599-00-3   | 1,1-dimethylpropyl 3,5,5-trimethylperoxyhexanoate  | 431-610-9 | 68860-54-8  | Org. Perox. D<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H242<br>H317<br>H400<br>H410  | GHS02<br>GHS07<br>GHS09<br>Dgr     | H242<br>H317<br>H410          |   |  |          |
| 607-600-00-7   | (1S,1'R)-[1-(3',3'-dimethyl-1'-cyclohexyl)ethoxycarbonyl]methyl propanoate   | 431-700-8 | —           | Aquatic Chronic 2   | H411                          | GHS09                              | H411                          |   |  |          |
| 607-601-00-2   | 1,4-dihydroxy-2,2,6,6-tetramethyl piperidinium-2-hydroxy-1,2,3-propanetricarboxylate   | 429-370-5 | 220410-74-2 | Acute Tox. 4 *  | H302                          | GHS07<br>Wng                       | H302                          |   |  |          |
| 607-602-00-8   | ethyl (3-cyanomethyl-3,4-dihydro-4-oxophthalazin-1-yl)acetate  | 429-680-0 | 122665-86-5 | Skin Sens. 1<br>Aquatic Chronic 3                                     | H317<br>H412                  | GHS07<br>Wng                       | H317<br>H412                  |   |  |          |
| 607-603-00-3   | lithium sodium 4,4',4"- (nitrilotris(ethane-2,1-diylimino (6-chloro-1,3,5-triazine-4,2-diyl)imino))tris(5-hydroxy-6-(1-sulfonaphthalene-2-ylazo)-2,7-naphthalene)disulfonate | 429-730-1 | 193562-37-7 | Eye Dam. 1<br>Skin Sens. 1  | H318<br>H317                  | GHS05<br>GHS07<br>Dgr              | H318<br>H317                  |   |  |          |

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|----------------|--|-----------|-------------|--|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie              | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-604-00-9   | guanidinium benzoate   | 429-820-0 | 26739-54-8  | Acute Tox. 4 *                                       | H302                          | GHS07<br>Wng                       | H302                          |   |  |          |
| 607-605-00-4   | methyl 4-iodo-2-(3-(4-methoxy-6-methyl-1,3,5-triazine-2-yl)ureidosulfonyl)benzoate   | 429-890-2 | 144550-06-1 | Aquatic Acute 1<br>Aquatic Chronic 1                 | H400<br>H410                  | GHS09<br>Wng                       | H410                          |   |  |          |
| 607-606-00-X   | (Z)-2-(2-t-butoxycarbonylamino-4-thiazolyl)pent-2-enoic acid   | 430-100-3 | 86978-24-7  | Acute Tox. 4 *                                       | H302                          | GHS07<br>Wng                       | H302                          |   |  |          |
| 607-607-00-5   | reaction mass of: calcium bis(C <sub>10-14</sub> branched alkyl salicylate); calcium bis(C <sub>18-30</sub> -alkyl salicylate); calcium C <sub>10-14</sub> branched alkylsalicylato-C <sub>18-30</sub> -alkyl salicylate; calcium bis (C <sub>10-14</sub> branched alkyl phenolate); calcium bis (C <sub>18-30</sub> -alkyl phenolate); calcium C <sub>10-14</sub> branched alkylphenolato-C <sub>18-30</sub> -alkyl phenolate; C <sub>10-14</sub> branched alkyl phenol; C <sub>18-30</sub> -alkyl phenol | 430-180-1 | —           | Skin Irrit. 2<br>Aquatic Chronic 2                   | H315<br>H411                  | GHS07<br>GHS09<br>Wng              | H315<br>H411                  |   |  |          |
| 607-608-00-0   | pentapotassium 2-(4-{5-[1-(2,5-disulfophenyl)-4,5-dihydro-3-methylcarbamoyl-5-oxopyrazol-4-ylidene]-3-(2-pyrrolidinone-1-yl)-1,3-pentadienyl}-3-methylcarbamoyl-5-oxopyrazol-1-yl)benzene-1,4-disulfonate  | 430-210-1 | —           | Aquatic Acute 1<br>Aquatic Chronic 1                 | H400<br>H410                  | GHS09<br>Wng                       | H410                          |   |  |          |
| 607-609-00-6   | ethyl (3R)-4-cyano-3-hydroxybutanoate  | 430-220-6 | 141942-85-0 | Eye Irrit. 2   | H319                          | GHS07<br>Wng                       | H319                          |   |  |          |
| 607-610-00-1   | trisodium 4-hydroxy-6-(sulfonatomethylamino)-5-(2-(2-sulfatoethylsulfonyl)phenylazo)naphthalene-2-sulfonate  | 430-280-3 | —           | Skin Sens. 1   | H317                          | GHS07<br>Wng                       | H317                          |   |  |          |
| 607-611-00-7   | methyl 3-amino-2,2,3-trimethylbutyrate   | 431-720-7 | 90886-53-6  | Skin Corr. 1B<br>Acute Tox. 4 *<br>Aquatic Chronic 3 | H314<br>H302<br>H412          | GHS05<br>GHS07<br>Dgr              | H314<br>H302<br>H412          |   |  |          |

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|----------------|--|-----------|-------------|--|--------------------------------------|------------------------------------|--------------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení        | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení        | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-612-00-2   | reaction mass of:<br>3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-1-octanesulfonic acid;<br>ammonium 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-1-octanesulfonate  | 432-190-1 | 182176-52-9 | Acute Tox. 4 *<br>STOT RE 2 *<br>Eye Dam. 1                                    | H302<br>H373**<br>H318               | GHS05<br>GHS08<br>GHS07<br>Dgr     | H302<br>H373**<br>H318               |   |  |          |
| 607-613-00-8   | reaction mass of: succinic acid;<br>monopersuccinic acid;<br>dipersuccinic acid;<br>monomethyl ester of succinic acid;<br>monomethyl ester of persuccinic acid;<br>dimethyl succinate;<br>glutaric acid;<br>monoperglutaric acid;<br>diperglutaric acid;<br>monomethyl ester of glutaric acid;<br>monomethyl ester of perglutaric acid;<br>dimethyl glutarate;<br>adipic acid;<br>monoperadipic acid;<br>diperadipic acid;<br>monomethyl ester of adipic acid;<br>monomethyl ester of peradipic acid;<br>dimethyl adipate;<br>hydrogen peroxide;<br>methanol;<br>water | 432-790-1 | —           | Muta. 2<br>Skin Corr. 1B<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Acute Tox. 4 * | H341<br>H314<br>H332<br>H312<br>H302 | GHS05<br>GHS08<br>GHS07<br>Dgr     | H341<br>H314<br>H332<br>H312<br>H302 |   |  |          |
| 607-614-00-3   | 2-(10-oxo-10H-9-oxa-10-phosphaphenanthren-10-ylmethyl)succinic acid  | 426-480-5 | 63562-33-4  | Skin Sens. 1<br>Aquatic Chronic 3  | H317<br>H412                         | GHS07<br>Wng                       | H317<br>H412                         |   |  |          |
| 607-615-00-9   | reaction product of thioglycerol and mercaptoacetic acid consisting mainly of 3-mercapto-1,2-bismercaptoacetoxyp propane and oligomers of this substance   | 431-120-5 | —           | Acute Tox. 3 *<br>Acute Tox. 4 *<br>Eye Irrit. 2<br>Skin Sens. 1               | H331<br>H302<br>H319<br>H317         | GHS06<br>Dgr                       | H331<br>H302<br>H319<br>H317         |   |  |          |

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|----------------|--|-----------|------------|---|--------------------------------------|------------------------------------|--------------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie                                       | Kód(y) výstražných upozornení        | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení        | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-616-00-4   | 2,4-dichloro-5-fluorobenzoylchloride   | 428-390-1 | 86393-34-2 | STOT SE 3<br>Skin Irrit. 2<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 3 | H335<br>H315<br>H318<br>H317<br>H412 | GHS05<br>GHS07<br>Dgr              | H335<br>H315<br>H318<br>H317<br>H412 |   |  |          |
| 607-617-00-X   | bis(2-ethylhexyl)-4,5-epoxycyclohexane-1,2-dicarboxylate   | 430-700-5 | 10138-36-0 | Skin Sens. 1  | H317                                 | GHS07<br>Wng                       | H317                                 |   |  |          |
| 607-618-00-5   | menadione sodium bisulfite;<br>2-naphthalenesulfonic acid,1,2,3,4-tetrahydro-2-methyl-1,4-dioxo-, sodium salt                              | 204-987-0 | 130-37-0   | Eye Irrit. 2<br>Skin Irrit. 2<br>Aquatic Acute 1<br>Aquatic Chronic 1         | H319<br>H315<br>H400<br>H410         | GHS07<br>GHS09<br>Wng              | H319<br>H315<br>H410                 |   |  |          |
| 607-619-00-0   | menadione nicotinamide bisulfite;<br>1,2,3,4-tetrahydro-2-methyl-1,4-dioxonaphthalene-2-sulfonic acid, compound with nicotin-3-amide (1:1) | 277-543-7 | 73581-79-0 | Eye Irrit. 2<br>Skin Irrit. 2<br>Aquatic Acute 1<br>Aquatic Chronic 1         | H319<br>H315<br>H400<br>H410         | GHS07<br>GHS09<br>Wng              | H319<br>H315<br>H410                 |   |  |          |
| 607-620-00-6   | trisodium nitrilotriacetate  | 225-768-6 | 5064-31-3  | Carc. 2<br>Acute Tox. 4 *<br>Eye Irrit. 2                                     | H351<br>H302<br>H319                 | GHS08<br>GHS07<br>Wng              | H351<br>H302<br>H319                 |   | Carc. 2; H351:<br>C ≥ 5 %  |          |
| 607-621-00-1   | milbemectin (ISO);<br>[reaction mass of milbemycin A3 (CAS No 51596-10-2) and milbemycin A4 (CAS No 51596-11-3) (30:70)]                   | —         | —          | Acute Tox. 4 *<br>Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1      | H332<br>H302<br>H400<br>H410         | GHS07<br>GHS09<br>Wng              | H332<br>H302<br>H410                 |   | M=100  |          |
| 607-622-00-7   | 2-ethylhexyl-2-ethylhexanoate  | 231-057-1 | 7425-14-1  | Repr. 2   | H361d***                             | GHS08<br>Wng                       | H361d***                             |   |  |          |
| 607-623-00-2   | diisobutyl phthalate   | 201-553-2 | 84-69-5    | Repr. 1B  | H360Df                               | GHS08<br>Dgr                       | H360Df                               |   | Repr. 1B; H360Df:<br>C ≥ 25 %<br>Repr. 2; H361f: 5 %<br>≤ C < 25 % |          |

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|----------------|--|---|--|--|--|------------------------------------|--|---|---|----------|
|                |  |   |  | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                              | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení                              | Doplňujúci(e) kód(y) výstražných upozornení |   |          |
| 607-624-00-8   | perfluorooctane sulfonic acid; heptadecafluorooctane-1-sulfonic acid; [1]<br>potassium perfluorooctanesulfonate; potassium heptadecafluorooctane-1-sulfonate; [2]<br>diethanolamine perfluorooctane sulfonate; [3]<br>ammonium perfluorooctane sulfonate; ammonium heptadecafluorooctane-sulfonate; [4]<br>lithium perfluorooctane sulfonate; lithium heptadecafluorooctanesulfonate [5] | 217-179-8 [1]<br>220-527-1 [2]<br>274-460-8 [3]<br>249-415-0 [4]<br>249-644-6 [5] | 1763-23-1 [1]<br>2795-39-3 [2]<br>70225-14-8 [3]<br>29081-56-9 [4]<br>29457-72-5 [5] | Carc. 2<br>Repr. 1B<br>STOT RE 1<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Lact.<br>Aquatic Chronic 2 | H351<br>H360D***<br>H372**<br>H332<br>H302<br>H362<br>H411 | GHS08<br>GHS07<br>GHS09<br>Dgr     | H351<br>H360D***<br>H372**<br>H332<br>H302<br>H362<br>H411 |   |   |          |
| 607-625-00-3   | clodinafop-propargyl (ISO)   | —   | 105512-06-9  | Acute Tox. 4 *<br>STOT RE 2 *<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1              | H302<br>H373**<br>H317<br>H400<br>H410                     | GHS08<br>GHS07<br>GHS09<br>Wng     | H302<br>H373**<br>H317<br>H410                             |   | Skin Sens. 1; H317:<br>C ≥ 0,001 %<br>M=1 |          |
| 607-626-00-9   | ethyl 1-(2,4-dichlorophenyl)-5-(trichloromethyl)-1H-1,2,4-triazole-3-carboxylate   | 401-290-5   | 103112-35-2  | Carc. 1B<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H350<br>H400<br>H410                                       | GHS08<br>GHS09<br>Dgr              | H350<br>H410   |   |   |          |
| 607-627-00-4   | [(4S,5S)-4-benzyl-2-oxo-5-oxazolidinyl]methyl 4-nitrobenzenesulfonate  | 416-360-0   | 162221-28-5  | Skin Sens. 1   | H317   | GHS07<br>Wng                       | H317   |   |   |          |
| 607-628-00-X   | 4-oxo-4-(p-tolyl)butyric acid adduct with 4-ethylmorpholine  | 419-240-6   | 171054-89-0  | Eye Dam. 1   | H318   | GHS05<br>Dgr                       | H318   |   |   |          |
| 607-629-00-5   | [[2-methyl-1-(1-oxopropoxy)propoxy](4-phenylbutyl)phosphinyl] acetic acid  | 419-270-1   | 123599-82-6  | Eye Irrit. 2   | H319   | GHS07<br>Wng                       | H319   |   |   |          |
| 607-630-00-0   | acrylic acid, 3-(trimethoxysilyl)propyl ester  | 419-560-6   | 4369-14-6  | Acute Tox. 4 *<br>Skin Corr. 1B<br>Skin Sens. 1<br>Aquatic Chronic 3                               | H332<br>H314<br>H317<br>H412                               | GHS05<br>GHS07<br>Dgr              | H332<br>H314<br>H317<br>H412                               |   |   |          |



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|----------------|---|-----------|-------------|--|-------------------------------|---|-------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie                  | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-631-00-6   | reaction mass of: 2-(2-((oxo(phenyl)acetyl)oxy)ethoxy)ethyl oxo(phenyl)acetate;<br>(2-(2-hydroxyethoxy)ethyl) oxo(phenyl)acetate                        | 442-300-8 | —           | Skin Sens. 1   | H317                          | GHS07<br>Wng                            | H317                          |   |  |          |
| 607-632-00-1   | N-[3-(2,4-di-(1,1-dimethylpropyl)phenoxy)-propyl]-1-hydroxy-5-(2-methylpropyl-oxycarbonylamino)-naphthamide   | 420-210-1 | 111244-14-5 | Aquatic Chronic 4  | H413                          | —                                       | H413                          |   |  |          |
| 607-633-00-7   | trisodium 5-[[4-chloro-6-(1-naphthylamino)-1,3,5-triazin-2-yl]amino]-4-hydroxy-3-[(E)-(4-methoxy-2-sulfonatophenyl)diazenyl]-2,7-naphthalenedisulfonate | 440-480-2 | 341026-59-3 | Eye Dam. 1<br>Skin Sens. 1                               | H318<br>H317                  | GHS05<br>GHS07<br>Dgr                   | H318<br>H317                  |   |  |          |
| 607-634-00-2   | (S)-(-)-2-acetoxypionylchloride;<br>(1S)-2-chloro-1-methyl-2-oxoethyl acetate   | 420-610-4 | 36394-75-9  | Acute Tox. 4 *<br>Skin Corr. 1B<br>Skin Sens. 1          | H302<br>H314<br>H317          | GHS05<br>GHS07<br>Dgr                   | H302<br>H314<br>H317          |   |  |          |
| 607-635-00-8   | trisodium N-(3-propionato)-l-aspartate  | 422-090-4 | 172737-80-3 | Eye Dam. 1   | H318                          | GHS05<br>Dgr                            | H318                          |   |  |          |
| 607-636-00-3   | 1-bromo-2-methylpropyl propionate   | 422-900-6 | 158894-67-8 | Flam. Liq. 3<br>Carc. 2<br>Skin Corr. 1B<br>Skin Sens. 1 | H226<br>H351<br>H314<br>H317  | GHS02<br>GHS05<br>GHS08<br>GHS07<br>Dgr | H226<br>H351<br>H314<br>H317  |   |  |          |
| 607-637-00-9   | disodium 8-amino-5-[4-[2-(sulfonatoethoxy)sulfonyl]phenylazo]naphthalene-2-sulfonate  | 423-730-5 | 250688-43-8 | Eye Dam. 1   | H318                          | GHS05<br>Dgr                            | H318                          |   |  |          |
| 607-638-00-4   | 2-hydroxybenzoic acid 2-butyloctyl ester  | 431-090-3 | 190085-41-7 | Aquatic Chronic 4  | H413                          | —                                       | H413                          |   |  |          |
| 607-639-00-X   | 2-(2-oxo-5-(1,1,3,3-tetramethylbutyl)-2,3-dihydro-1-benzofuran-3-yl)-4-(1,1,3,3-tetramethylbutyl)phenyl acetate   | 431-770-1 | 216698-07-6 | Aquatic Chronic 4  | H413                          | —                                       | H413                          |   |  |          |
| 607-641-00-0   | 2-(formylamino)-3-thiophenecarboxylic acid;<br>2-formamido-3-thiophenecarboxylic acid   | 431-930-9 | 43028-69-9  | Acute Tox. 4 *<br>Skin Sens. 1                           | H302<br>H317                  | GHS07<br>Wng                            | H302<br>H317                  |   |  |          |

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|----------------|---|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie           | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-642-00-6   | 3,6,9-trithiaundecamethylene-1,11-dimethacrylate  | 432-210-7 | 141631-22-3 | Aquatic Acute 1<br>Aquatic Chronic 1              | H400<br>H410                  | GHS09<br>Wng                       | H410                          |   |  |          |
| 607-643-00-1   | dimethyl (2S)-2-hydroxysuccinate  | 432-310-0 | 617-55-0    | Flam. Liq. 3<br>Eye Dam. 1<br>Skin Sens. 1        | H226<br>H318<br>H317          | GHS02<br>GHS05<br>GHS07<br>Dgr     | H226<br>H318<br>H317          |   |  |          |
| 607-644-00-7   | methyl 2,2-dimethyl-6-methylenecyclohexanecarboxylate   | 432-350-9 | 81752-87-6  | Skin Irrit. 2                                     | H315                          | GHS07<br>Wng                       | H315                          |   |  |          |
| 607-645-00-2   | tetrasodium 2-(4-fluoro-6-(methyl-(2-(sulfoethylethyl)sulfonyl)ethyl)amino)-1,3,5-triazin-2-ylamino)-5-hydroxy-6-(4-methyl-2-sulfonatophenylazo)naphthalene-1,7-disulfonate | 432-550-6 | 243858-01-7 | Eye Dam. 1  | H318                          | GHS05<br>Dgr                       | H318                          |   |  |          |
| 607-646-00-8   | d-erythro-hexanoic acid 2,4-dideoxy-3,5-O-(1-methylethylidene)-1,1-dimethylethylester;<br>tert-butyl 2-[(4R,6S)-6-(hydroxymethyl)-2,2-dimethyl-1,3-dioxan-4-yl]acetate      | 432-960-5 | 124655-09-0 | Acute Tox. 4 *                                    | H302                          | GHS07<br>Wng                       | H302                          |   |  |          |
| 607-647-00-3   | 5-acetoxy-2-(R,S)butyryloxymethyl-1,3-oxathiolane   | 433-530-1 | 143446-73-5 | Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Acute 1 | H302<br>H317<br>H400          | GHS07<br>GHS09<br>Wng              | H302<br>H317<br>H400          |   |  |          |
| 607-649-00-4   | [3-(chlorocarbonyl)-2-methylphenyl]acetate  | 433-690-0 | 167678-46-8 | Skin Corr. 1A<br>Skin Sens. 1                     | H314<br>H317                  | GHS05<br>GHS07<br>Dgr              | H314<br>H317                  |   |  |          |
| 607-650-00-X   | 2-methyl-1,5-pentanediamine-1,3-benzenedicarboxylate  | 433-910-5 | 145153-52-2 | Skin Sens. 1                                      | H317                          | GHS07<br>Wng                       | H317                          |   |  |          |
| 607-651-00-5   | sodium 2-(nonanoyloxy)benzenesulfonate  | 434-360-9 | 91125-43-8  | Eye Dam. 1<br>Skin Sens. 1                        | H318<br>H317                  | GHS05<br>GHS07<br>Dgr              | H318<br>H317                  |   |  |          |
| 607-652-00-0   | ethyl N <sup>2</sup> -dodecanoyl-l-argininate hydrochloride   | 434-630-6 | 60372-77-2  | Eye Dam. 1<br>Aquatic Acute 1                     | H318<br>H400                  | GHS05<br>GHS09<br>Dgr              | H318<br>H400                  |   |  |          |

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|----------------|---|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-653-00-6   | tetrakis(bis(2-hydroxyethyl) methylammonium) 3-(4-(7-acetylamino-1-hydroxy-3-sulfonatonaphthalen-2-ylazo)-5-methoxy-2-sulfonatophenylazo)-7-(4-amino-3-sulfonatophenylamino)-4-hydroxynaphthalene-2-sulfonate                         | 434-840-8 | 225786-91-4 | Aquatic Chronic 2                       | H411                          | GHS09                              | H411                          |   |  |          |
| 607-654-00-1   | (S)-3-hydroxy-γ-butyrolactone   | 434-990-4 | 7331-52-4   | Skin Sens. 1                            | H317                          | GHS07<br>Wng                       | H317                          |   |  |          |
| 607-655-00-7   | ethyl 6,8-dichlorooctanoate   | 435-080-1 | 1070-64-0   | Skin Sens. 1<br>Aquatic Chronic 2       | H317<br>H411                  | GHS07<br>GHS09<br>Wng              | H317<br>H411                  |   |  |          |
| 607-656-00-2   | sodium salt of 4-amino-3,6-bis[[5-[[4-chloro-6-[(2-methyl-4-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]azo]-5-hydroxy-2,7-naphthalenedisulfonic acid  | 435-350-7 | 141250-43-3 | Eye Dam. 1<br>Aquatic Chronic 3         | H318<br>H412                  | GHS05<br>Dgr                       | H318<br>H412                  |   |  |          |
| 607-657-00-8   | pentasodium 7-(4-(4-(3-(2-sulfatoethanesulfonyl)phenylamino)-6-(4-(2-sulfatoethanesulfonyl)phenylamino)-1,3,5-triazin-2-ylamino)-2-ureidophenylazo)naphthalene-1,3,6-trisulfonate   | 436-920-8 | 172399-10-9 | Eye Dam. 1                              | H318                          | GHS05<br>Dgr                       | H318                          |   |  |          |
| 607-658-00-3   | 3,10-diamino-6,13-dichloro-2-(((4-(1,1-dimethylethyl)phenyl)sulfonyl)amino)-2-naphthalenyl)sulfonyl)-4,11-triphenodioxazinedisulfonic acid, lithium potassium sodium salt   | 440-770-9 | 371921-63-0 | Eye Dam. 1<br>Aquatic Chronic 3         | H318<br>H412                  | GHS05<br>Dgr                       | H318<br>H412                  |   |  |          |
| 607-659-00-9   | pentasodium N-[5-[[4-[[3-(aminocarbonyl)amino]-4-[(3,6,8-trisulfonatonaphthalen-2-yl)azo]phenyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]-2-sulfonato-4-[[4-[[2-(oxysulfonato)ethyl]sulfonyl]phenyl]azo]phenyl]-3-aminopropanoic acid | 442-030-0 | 321912-47-4 | Eye Dam. 1                              | H318                          | GHS05<br>Dgr                       | H318                          |   |  |          |

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|----------------|--|-----------|-------------|---|--|---|--------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení          | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-660-00-4   | 2-{4-[4-[4-fluoro-6-(2-(2-vinylsulfonylethoxy)ethylamino)-1,3,5-triazin-2-ylamino]phenylazo]phenylazo)naphthalene-4,6,8-trisulfonate, trisodium salt                               | 442-230-8 | 321679-52-1 | Eye Dam. 1  | H318                                   | GHS05<br>Dgr                            | H318                           |   |  |          |
| 607-661-00-X   | 1,1-dimethylethyl 4'-(bromomethyl)biphenyl-2-carboxylate   | 442-850-9 | 114772-40-6 | Skin Sens. 1<br>Aquatic Chronic 4   | H317<br>H413                           | GHS07<br>Wng                            | H317<br>H413                   |   |  |          |
| 607-662-00-5   | methyl 2-(acetylamino)-3-chloropropionate  | 442-860-3 | 87333-22-0  | Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                              | H317<br>H400<br>H410                   | GHS07<br>GHS09<br>Wng                   | H317<br>H410                   |   |  |          |
| 607-663-00-0   | bis(2-ethylhexyl) naphthalene-2,6-dicarboxylate  | 442-980-6 | 127474-91-3 | Aquatic Chronic 4   | H413                                   | —                                       | H413                           |   |  |          |
| 607-664-00-6   | methyl 2-chlorosulfonyl-4-(methanesulfonylamino)methyl benzoate  | 443-120-2 | 393509-79-0 | Eye Dam. 1<br>Aquatic Chronic 2   | H318<br>H411                           | GHS05<br>GHS09<br>Dgr                   | H318<br>H411                   |   |  |          |
| 607-665-00-1   | <i>trans</i> -methyl-2-ethyl-but-2-enoate  | 443-150-6 | 101226-85-1 | Flam. Liq. 3  | H226                                   | GHS02<br>Wng                            | H226                           |   |  |          |
| 607-666-00-7   | (2S)-5-(benzyloxy)-2-(1,3-dioxo-1,3-dihydro-2H-isindol-2-yl)-5-oxopentanoic acid   | 443-560-5 | 88784-33-2  | Eye Irrit. 2  | H319                                   | GHS07<br>Wng                            | H319                           |   |  |          |
| 607-667-00-2   | chloro-1-ethylcyclohexyl carbonate   | 444-950-8 | 99464-83-2  | Muta. 2<br>Skin Sens. 1   | H341<br>H317                           | GHS08<br>GHS07<br>Wng                   | H341<br>H317                   |   |  |          |
| 607-668-00-8   | <i>trans</i> -2-isopropyl-5-carboxy-1,3-dioxane  | 445-770-2 | 42031-28-7  | Eye Dam. 1<br>Aquatic Chronic 3   | H318<br>H412                           | GHS05<br>Dgr                            | H318<br>H412                   |   |  |          |
| 607-669-00-3   | methyl (9-acetoxy-3,8,10-triethyl-7,8,10-trimethyl-1,5-dioxo-9-aza-spiro[5.5]undec-3-yl)octadecanoate  | 445-990-9 | 376588-17-9 | Skin Sens. 1<br>Aquatic Chronic 4   | H317<br>H413                           | GHS07<br>Wng                            | H317<br>H413                   |   |  |          |
| 607-670-00-9   | dibutyl-3-(4-(5-ammonio-2-butyl)benzofuran-3-yl)carbonyl)phenoxy)propyl ammonium oxalate;<br>(5-amino-2-butylbenzofuran-3-yl)[4-(3-dibutylaminopropoxy)phenyl]methanone, dioxalate | 448-700-9 | 500791-70-8 | STOT RE 2 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H373**<br>H318<br>H317<br>H400<br>H410 | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H373**<br>H318<br>H317<br>H410 |   | M=10                                     |          |

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|----------------|--|-----------|------------|--|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |            | Trieda nebezpečnosti a kód(y) kategórie            | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-671-00-4   | diethyl 1,4-cyclohexanedicarboxylate   | 417-310-0 | 72903-27-6 | Aquatic Chronic 2                                  | H411                          | GHS09                              | H411                          |   |  |          |
| 607-672-00-X   | reaction mass of: 2-hydroxy-3-(methacryloyloxy)propyl (2-benzoyl)benzoate;<br>1-hydroxymethyl-2-(methacryloyloxy)ethyl (2-benzoyl)benzoate;<br>x-hydroxy-y-(methacryloyloxy)propyl(or -ethyl) (2-benzoyl)benzoate          | 419-000-0 | —          | Skin Sens. 1<br>Aquatic Chronic 2                  | H317<br>H411                  | GHS07<br>GHS09<br>Wng              | H317<br>H411                  |   |  |          |
| 607-673-00-5   | 1-ethyl-5,6,7,8-tetrahydroquinolinium tosylate   | 419-570-0 | —          | Acute Tox. 4 *<br>Aquatic Chronic 3                | H302<br>H412                  | GHS07<br>Wng                       | H302<br>H412                  |   |  |          |
| 607-675-00-6   | reaction mass of: <i>cis</i> -9-octadecenedioic acid;<br><i>cis</i> -9- <i>cis</i> -12-octadecadienedioic acid;<br>hexadecanedioic acid;<br>octadecanedioic acid   | 422-260-8 | —          | Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H318<br>H400<br>H410          | GHS05<br>GHS09<br>Dgr              | H318<br>H410                  |   |  |          |
| 607-676-00-1   | reaction mass of:<br>2-methylnonanedioic acid;<br>2,4-dimethyl-4-methoxycarbonylundecanedioic acid;<br>2,4,6-trimethyl-4,6-dimethoxycarbonyltridecanedioic acid;<br>8,9-dimethyl-8,9-dimethoxycarbonylhexadecanedioic acid | 423-670-1 | —          | Eye Dam. 1<br>Skin Sens. 1                         | H318<br>H317                  | GHS05<br>GHS07<br>Dgr              | H318<br>H317                  |   |  |          |
| 607-677-00-7   | 2,5-dioxopyrrolidin-1-yl N-[[methyl[[2-(1-methylethyl)-4-thiazolyl]methyl]amino]carbonyl]-l-valinate   | 424-660-8 | —          | STOT RE 2 *<br>Eye Dam. 1<br>Skin Sens. 1          | H373**<br>H318<br>H317        | GHS05<br>GHS08<br>GHS07<br>Dgr     | H373**<br>H318<br>H317        |   |  |          |
| 607-678-00-2   | reaction mass of: ethyl (2R,3R)-3-isopropylbicyclo[2.2.1]hept-5-ene-2-carboxylate;<br>ethyl (2S,3S)-3-isopropylbicyclo[2.2.1]hept-5-ene-2-carboxylate  | 427-090-8 | —          | Skin Sens. 1<br>Aquatic Chronic 2                  | H317<br>H411                  | GHS07<br>GHS09<br>Wng              | H317<br>H411                  |   |  |          |

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|----------------|--|-----------|--------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |        | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-679-00-8   | reaction mass of: 3-{5-[3-(4-{1,6-dihydro-2-hydroxy-4-methyl-1-[3-(methylammonio)propyl]-6-oxo-3-pyridylazo}benzamido)phenylazo]-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl}propyl(methyl)ammonium di(acetate);<br>3-{5-[4-(3-{1,6-dihydro-2-hydroxy-4-methyl-1-[3-(methylammonio)propyl]-6-oxo-3-pyridylazo}benzamido)phenylazo]-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl}propyl(dimethyl)ammonium di(acetate);<br>3-{5-[3-(4-{1-[3-(dimethylammonio)propyl]-1,6-dihydro-2-hydroxy-4-methyl-6-oxo-3-pyridylazo}benzamido)phenylazo]-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl}propyl(dimethyl)ammonium di(acetate) | 431-440-5 | —      | Eye Dam. 1<br>Aquatic Chronic 2         | H318<br>H411                  | GHS05<br>GHS09<br>Dgr              | H318<br>H411                  |   |  |          |
| 607-680-00-3   | <i>tert</i> -butyl(6-[2-[4-(4-fluorophenyl)-6-isopropyl-2-[methyl(methylsulfonyl)amino]pyrimidin-5-yl]vinyl])(4 <i>S</i> ,6 <i>S</i> )-2,2-dimethyl[1,3]dioxan-4-yl)acetate  | 432-810-9 | —      | Aquatic Chronic 4                       | H413                          | —                                  | H413                          |   |  |          |
| 607-681-00-9   | reaction mass of: 9-nonyl-10-octyl-19-carbonyloxyhexadecylnonadecanoic acid;<br>9-nonyl-10-octyl-19-carbonyloxyoctadecylnonadecanoic acid;<br>dihexadecyl 9-nonyl-10-octylnonadecandioate;<br>1-octadecyl,19-hexadecyl 9-nonyl-10-octylnonadecandioate;<br>dioctadecyl 9-nonyl-10-octylnonadecandioate   | 432-910-2 | —      | Aquatic Chronic 4                       | H413                          | —                                  | H413                          |   |  |          |

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|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-682-00-4   | complex reaction mass of Chinese gum rosin post reacted with acrylic acid  | 434-230-1 | 144413-22-9 | Aquatic Chronic 4                       | H413                          | —                                  | H413                          |   |  |          |
| 607-683-00-X   | reaction mass of: methyl 3-((1E)-2-methylprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate; methyl 3-((1Z)-2-methylprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate (20:80) | 435-450-0 | —           | Skin Sens. 1<br>Aquatic Chronic 2       | H317<br>H411                  | GHS07<br>GHS09<br>Wng              | H317<br>H411                  |   |  |          |
| 607-684-00-5   | alkenes, C <sub>12-14</sub> , hydroformylation products, distn. residues, C-(hydrogen sulfobutanedioates), disodium salts  | 435-660-2 | 243662-67-1 | Skin Irrit. 2<br>Skin Sens. 1           | H315<br>H317                  | GHS07<br>Wng                       | H315<br>H317                  |   |  |          |
| 607-685-00-0   | ammonium 2-cocoyloxyethanesulfonate  | 441-050-7 | —           | Skin Irrit. 2<br>Eye Dam. 1             | H315<br>H318                  | GHS05<br>Dgr                       | H315<br>H318                  |   |  |          |
| 607-686-00-6   | 6,6'-bis(diazo-5,5',6,6'-tetrahydro-5,5'-dioxo)[methylene-bis(5-(6-diazo-5,6-dihydro-5-oxo-1-naphthylsulphonyloxy)-6-methyl-2-phenylene]di(naphthalene-1-sulfonate)        | 441-550-5 | —           | Self-react. C ****<br>Carc. 2           | H242<br>H351                  | GHS02<br>GHS08<br>Dgr              | H242<br>H351                  |   |  |          |

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|----------------|---|-----------|--------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |        | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-687-00-1   | reaction mass of: 2-{3,6-bis-[(2-ethylphenyl)-methylamino]-xanthylum-9-yl}-benzenesulfonate (2-10 %);<br>2-{3,6-bis-[(2,3-dimethylphenyl)-methylamino]-xanthylum-9-yl}-benzenesulfonate (2-10 %);<br>2-{3,6-bis-[(2,4-dimethylphenyl)-methylamino]-xanthylum-9-yl}-benzenesulfonate (2-10 %);<br>2-{3,6-bis-[(2,5-dimethylphenyl)-methylamino]-xanthylum-9-yl}-benzenesulfonate (2-10 %);<br>2-{3-[(2,3-dimethylphenyl)-methylamino]-6-[(2-ethylphenyl)-methylamino]-xanthylum-9-yl}-benzenesulfonate (7-20 %);<br>2-{3-[(2,4-dimethylphenyl)-methylamino]-6-[(2-ethylphenyl)-methylamino]-xanthylum-9-yl}-benzenesulfonate (7-20 %);<br>2-{3-[(2,5-dimethylphenyl)-methylamino]-6-[(2-ethylphenyl)-methylamino]-xanthylum-9-yl}-benzenesulfonate (7-20 %);<br>2-{3-[(2,3-dimethylphenyl)-methylamino]-6-[(2,4-dimethylphenyl)-methylamino]-xanthylum-9-yl}-benzenesulfonate (7-20 %);<br>2-{3-[(2,3-dimethylphenyl)-methylamino]-6-[(2,5-dimethylphenyl)-methylamino]-xanthylum-9-yl}-benzenesulfonate (7-20 %);<br>2-{3-[(2,4-dimethylphenyl)-methylamino]-6-[(2,5-dimethylphenyl)-methylamino]-xanthylum-9-yl}-benzenesulfonate (7-20 %) | 442-800-6 | —      | Skin Irrit. 2<br>Aquatic Chronic 2      | H315<br>H411                  | GHS07<br>GHS09<br>Wng              | H315<br>H411                  |   |  |          |
| 607-688-00-7   | (R)-1-cyclohexa-1,4-dienyl-1-methoxycarbonyl-methylammoniumchloride   | 444-320-2 | —      | Acute Tox. 4 *                          | H302                          | GHS07<br>Wng                       | H302                          |   |  |          |



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|----------------|--|-----------|-------------|--|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie                                | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 607-689-00-2   | reaction mass of: methyl 1,4-dimethylcyclohexanecarboxylate („para-isomer“ including <i>cis</i> - and <i>trans</i> - isomers);<br>methyl 1,3-dimethylcyclohexanecarboxylate („meta-isomer“ including <i>cis</i> - and <i>trans</i> -isomers) | 444-920-4 | —           | Aquatic Chronic 3  | H412                          | —                                  | H412                          |   |  |          |
| 607-690-00-8   | dimethyl[2 <i>S</i> ,2 <i>S'</i> ]-6,6,6'-tetramethoxy-2,2'-[N,N'-bis(trifluoroacetyl)- <i>S,S'</i> -bi(L-homocysteinylyl) diimino]dihexanoate   | 432-860-1 | 255387-46-3 | Skin Sens. 1   | H317                          | GHS07<br>Wng                       | H317                          |   |  |          |
| 607-691-00-3   | magnesium salts, fatty acids, C <sub>16-18</sub> and C <sub>18</sub> unsaturated, branched and linear  | 448-690-6 | —           | Aquatic Chronic 4  | H413                          | —                                  | H413                          |   |  |          |
| 607-692-00-9   | zinc salts, fatty acids, C <sub>16-18</sub> and C <sub>18</sub> unsaturated, branched and linear   | 446-470-4 | —           | Aquatic Chronic 4  | H413                          | —                                  | H413                          |   |  |          |
| 607-693-00-4   | hexyl 2-(1-(diethylaminohydroxyphenyl)methanoyl)benzoate   | 443-860-6 | 302776-68-7 | Aquatic Chronic 4  | H413                          | —                                  | H413                          |   |  |          |
| 607-694-00-X   | ethyl 5,5-diphenyl-2-isoxazoline-3-carboxylate   | 443-870-0 | 163520-33-0 | Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H302<br>H317<br>H400<br>H410  | GHS07<br>GHS09<br>Wng              | H302<br>H317<br>H410          |   |  |          |
| 608-020-00-7   | diphenoxymethylenecyanamide  | 427-300-8 | 79463-77-7  | Eye Dam. 1<br>Aquatic Chronic 3  | H318<br>H412                  | GHS05<br>Dgr                       | H318<br>H412                  |   |  |          |
| 608-032-00-2   | acetamiprid (ISO);<br>( <i>E</i> )-N <sup>1</sup> -[(6-chloro-3-pyridyl)methyl]-N <sup>2</sup> -cyano-N <sup>1</sup> -methylacetamidine  | —         | 135410-20-7 | Acute Tox. 4 *<br>Aquatic Chronic 3                                    | H302<br>H412                  | GHS07<br>Wng                       | H302<br>H412                  |   |  |          |
| 608-042-00-7   | ( <i>S</i> )-2,2-diphenyl-2-(3-pyrrolidinyl)acetone nitrile hydrobromide   | 421-810-4 | 194602-27-2 | Acute Tox. 4 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 2      | H302<br>H318<br>H317<br>H411  | GHS05<br>GHS07<br>GHS09<br>Dgr     | H302<br>H318<br>H317<br>H411  |   |  |          |
| 608-044-00-8   | 2-cyclohexylidene-2-phenylacetone nitrile  | 423-740-1 | 10461-98-0  | Acute Tox. 4 *<br>Aquatic Chronic 2                                    | H302<br>H411                  | GHS07<br>GHS09<br>Wng              | H302<br>H411                  |   |  |          |

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|----------------|---|-----------|-------------|--|--------------------------------|------------------------------------|--------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie                            | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 608-046-00-9   | 5-(4-chloro-2-nitro-phenylazo)-1,2-dihydro-6-hydroxy-1,4-dimethyl-2-oxo-pyridine-3-carbonitrile   | 425-310-7 | 77889-90-8  | Aquatic Chronic 4  | H413                           | —                                  | H413                           |   |  |          |
| 608-047-00-4   | 2-piperidin-1-yl-benzonitrile   | 427-330-1 | 72752-52-4  | Aquatic Chronic 2  | H411                           | GHS09                              | H411                           |   |  |          |
| 608-048-00-X   | 1-(3-cyclopentyloxy-4-methoxyphenyl)-4-oxo-cyclohexanecarbonitrile  | 427-450-4 | 152630-47-2 | Acute Tox. 4 *<br>STOT RE 2 *<br>Skin Sens. 1<br>Aquatic Chronic 2 | H302<br>H373**<br>H317<br>H411 | GHS08<br>GHS07<br>GHS09<br>Wng     | H302<br>H373**<br>H317<br>H411 |   |  |          |
| 608-049-00-5   | 2-(4-(4-(butyl-(1-methylhexyl)amino)phenyl)-3-cyano-5-oxo-1,5-dihydropyrrol-2-ylidene)propandinitrile   | 429-180-2 | 157362-53-3 | Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1               | H317<br>H400<br>H410           | GHS07<br>GHS09<br>Wng              | H317<br>H410                   |   |  |          |
| 608-050-00-0   | reaction mass of: 5-(2-cyano-4-nitrophenylazo)-2-(2-(2-hydroxyethoxy)ethylamino)-4-methyl-6-phenylaminonicotinonitrile;<br>5-(2-cyano-4-nitrophenylazo)-6-(2-(2-hydroxyethoxy)ethylamino)-4-methyl-2-phenylaminonicotinonitrile | 429-760-5 | —           | Aquatic Chronic 4  | H413                           | —                                  | H413                           |   |  |          |
| 608-051-00-6   | (R)-4-(4-dimethylamino-1-(4-fluorophenyl)-1-hydroxybutyl)-3-(hydroxymethyl)benzonitrile   | 430-760-2 | 219861-18-4 | Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Chronic 2                | H302<br>H317<br>H411           | GHS07<br>GHS09<br>Wng              | H302<br>H317<br>H411           |   |  |          |
| 608-052-00-1   | (S)-4-(4-dimethylamino-1-(4-fluorophenyl)-1-hydroxybutyl)-3-(hydroxymethyl)benzonitrile   | 430-770-7 | 128173-52-4 | Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Chronic 2                | H302<br>H317<br>H411           | GHS07<br>GHS09<br>Wng              | H302<br>H317<br>H411           |   |  |          |
| 608-053-00-7   | (R,S)-4-(4-dimethylamino-1-(4-fluorophenyl)-1-hydroxybutyl)-3-(hydroxymethyl)benzonitrile   | 430-780-1 | 103146-25-4 | Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Chronic 2                | H302<br>H317<br>H411           | GHS07<br>GHS09<br>Wng              | H302<br>H317<br>H411           |   |  |          |
| 608-054-00-2   | (R,S)-4-(4-dimethylamino-1-(4-fluorophenyl)-1-hydroxybutyl)-3-(hydroxymethyl)benzonitrile hemisulfate   | 430-790-6 | —           | Acute Tox. 4 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 2  | H302<br>H318<br>H317<br>H411   | GHS05<br>GHS07<br>GHS09<br>Dgr     | H302<br>H318<br>H317<br>H411   |   |  |          |

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|----------------|--|-----------|-------------|---|--|------------------------------------|--|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                  | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení          | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 608-055-00-8   | fipronil (ISO);<br>5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]-1H-pyrazole-3-carbonitrile | —         | 120068-37-3 | Acute Tox. 3 *<br>Acute Tox. 3 *<br>Acute Tox. 3 *<br>STOT RE 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H331<br>H311<br>H301<br>H372**<br>H400<br>H410 | GHS06<br>GHS08<br>GHS09<br>Dgr     | H331<br>H311<br>H301<br>H372**<br>H410 |   | M=10                                     |          |
| 608-056-00-3   | N-methyl-N-cyanomethylmorpholiniummethylsulfate  | 429-340-1 | —           | Acute Tox. 4 *<br>Eye Dam. 1  | H302<br>H318                                   | GHS05<br>GHS07<br>Dgr              | H302<br>H318                           |   |  |          |
| 608-057-00-9   | 4-cyanomethyl-4-methylmorpholin-4-iumhydrogene sulfáte   | 431-200-1 | 208538-34-5 | Acute Tox. 4 *<br>Eye Dam. 1<br>Skin Sens. 1  | H302<br>H318<br>H317                           | GHS05<br>GHS07<br>Dgr              | H302<br>H318<br>H317                   |   |  |          |
| 608-059-00-X   | 5-amino-1-(2,6-dichloro-4-(trifluoromethyl)phenyl)-1H-pyrazole-3-carbonitrile  | 421-240-6 | 120068-79-3 | Aquatic Chronic 2   | H411   | GHS09                              | H411                                   |   |  |          |
| 608-060-00-5   | 5-methyl-2-[(2-nitrophenyl)amino]-3-thiophenecarbonitrile  | 421-300-1 | 138564-59-7 | Aquatic Acute 1<br>Aquatic Chronic 1  | H400<br>H410                                   | GHS09<br>Wng                       | H410                                   |   |  |          |
| 608-062-00-6   | 2-fluoro-4-hydroxybenzonitrile   | 422-810-7 | 82380-18-5  | Acute Tox. 4 *<br>Eye Dam. 1<br>Aquatic Chronic 2   | H302<br>H318<br>H411                           | GHS05<br>GHS07<br>GHS09<br>Dgr     | H302<br>H318<br>H411                   |   |  |          |
| 608-063-00-1   | (S)- $\alpha$ -hydroxy-3-phenoxybenzeneacetonitrile  | 441-070-6 | 61826-76-4  | Acute Tox. 3 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                    | H301<br>H318<br>H317<br>H400<br>H410           | GHS06<br>GHS05<br>GHS09<br>Dgr     | H301<br>H318<br>H317<br>H410           |   |  |          |
| 608-064-00-7   | cyanomethyltrimethylammoniummethylsulfate  | 433-720-2 | —           | Aquatic Chronic 3   | H412   | —                                  | H412                                   |   |  |          |
| 609-069-00-7   | musk ketone;<br>3,5-dinitro-2,6-dimethyl-4-tert-butylacetophenone;<br>4'-tert-butyl-2',6'-dimethyl-3',5'-dinitroacetophenone   | 201-328-9 | 81-14-1     | Carc. 2<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H351<br>H400<br>H410                           | GHS08<br>GHS09<br>Wng              | H351<br>H410                           |   |  |          |
| 609-072-00-3   | 4-mesyl-2-nitrotoluene   | 430-550-0 | 1671-49-4   | Repr. 2<br>Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Chronic 3  | H361f***<br>H302<br>H317<br>H412               | GHS08<br>GHS07<br>Dgr              | H361f***<br>H302<br>H317<br>H412       |   |  |          |

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|----------------|---|-----------|--------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |        | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 609-073-00-9   | lithium potassium sodium N,N'-bis{6-[7-[4-(4-chloro-1,3,5-triazin-2-yl)amino-4-(2-ureidophenylazo)]naphthalene-1,3,6-trisulfonato]}-N'-(2-aminoethyl) piperazine  | 427-850-9 | —      | Skin Sens. 1                            | H317                          | GHS07<br>Wng                       | H317                          |   |  |          |
| 611-050-00-3   | reaction mass of; pentasodium 7-amino-3-[[4-[[[4-[[[4-[[6-amino-1-hydroxy-3-sulfonato-2-naphthyl]azo]-7-sulfonato-1-naphthyl]azo]phenyl]amino]-3-sulfonatophenyl]azo]-6-sulfonato-1-naphthyl]azo]-4-hydroxynaphthalen-2-sulfonate;<br>pentasodium 7-amino-8-[4-[4-[4-(2-amino-5-hydroxy-7-sulfonato-naphthalen-1-ylazo)-7-sulfonatonaphthalen-1-ylazo]-phenylamino]-3-sulfonato-phenylazo]-6-sulfonato-naphthalen-1-ylazo]-4-hydroxy-naphthalene-2-sulfonate;<br>pentasodium 7-amino-8-[4-[4-[4-(6-amino-1-hydroxy-3-sulfonato-naphthalen-1-ylazo)-7-sulfonatonaphthalen-1-ylazo]-phenylamino]-3-sulfonato-phenylazo]-6-sulfonato-naphthalen-1-ylazo]-4-hydroxy-naphthalene-2-sulfonate;<br>tetrasodium 7-amino-4-hydroxy-3-[4-[4-[4-(4-hydroxy-7-sulfonato-naphthalen-1-ylazo)-2-sulfonato-phenylamino]phenylazo]-6-sulfonato-naphthalen-1-ylazo]naphthalene-2-sulfonate;<br>tetrasodium 7-amino-4-hydroxy-3-[4-[4-[4-(4-amino-7-sulfonato-naphthalen-1-ylazo)-2-sulfonato-phenylamino]phenylazo]-6-sulfonato-naphthalen-1-ylazo]naphthalene-2-sulfonate | 415-350-3 | —      | Eye Dam. 1<br>Aquatic Chronic 3         | H318<br>H412                  | GHS05<br>Dgr                       | H318<br>H412                  |   |  |          |

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|----------------|---|-----------|--------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |        | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 611-102-00-5   | reaction product of: C.I. Leuco Sulfur Black 1 and reaction mass of: disodium-4-{4-[8-amino-1-hydroxy-7-(4-sulfamoylphenylazo)-3,6-disulfonato-2-naphthylazo]phenylsulfonylamino} benzenediazoniumchlorid; disodium-4-{4-[2,6-dihydroxy-3-(8-hydroxy-3,6-disulfonato-1-naphthylazo)phenylazo]phenylsulfonylamino}benzenediazoniumchlorid  | 424-500-7 | —      | Aquatic Chronic 3                       | H412                          | —                                  | H412                          |   |  |          |
| 611-139-00-7   | reaction product of: C.I. Leuco Sulfur Black 1 with (3-chloro-2-hydroxypropyl)trimethylammonium chloride  | 424-510-1 | —      | Eye Dam. 1<br>Aquatic Chronic 2         | H318<br>H411                  | GHS05<br>GHS09<br>Dgr              | H318<br>H411                  |   |  |          |
| 611-141-00-8   | 5-(4-[4-[4-(3,5-dicarboxy-phenylazo)phenylamino]-6-morpholin-4-yl]-1,3,5-triazin-2-ylamino]phenylazo)isophthalic acid, mixed monosodium and diammonium salt   | 414-410-6 | —      | Eye Dam. 1<br>Skin Sens. 1              | H318<br>H317                  | GHS05<br>GHS07<br>Dgr              | H318<br>H317                  |   |  |          |
| 611-142-00-3   | product-by-process definition polyazodyestuff obtained by coupling 4-[4-(1-amino-8-hydroxy-3,6-disulfo-2-naphthylazo)phenylsulfonylamino] benzenediazonium with reaction mass of 4-carboxybenzenediazonium and diphenylamine-3-sulfo-4,4'-bisdiazonium, and further coupling of the obtained compounds with reaction mass of naphth-2-ol and 3-aminophenol, sodium salts; sodium chloride | 425-740-5 | —      | Eye Dam. 1<br>Aquatic Chronic 3         | H318<br>H412                  | GHS05<br>Dgr                       | H318<br>H412                  |   |  |          |

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|----------------|---|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 611-143-00-9   | <p>reaction mass of: trisodium 2-(2-[α-(2-carboxylato-κ-O-4-sulfonatophenylazo)benzylidene]hydrazino-κ-N')-6-(2,6-difluoropyrimidin-4-ylamino)-4-sulfonatophenolatocuprate (II);</p> <p>trisodium 2-(2-[α-(2-carboxylato-κ-O-4-sulfonatophenylazo)benzylidene]hydrazino-κ-N')-6-(4,6-difluoropyrimidin-2-ylamino)-4-sulfonatophenolatocuprate (II)</p>  | 428-260-4 | —           | Eye Dam. 1                              | H318                          | GHS05<br>Dgr                       | H318                          |   |  |          |
| 611-144-00-4   | <p>reaction mass of: 7-amino-3,8-bis-[4-(2-sulfoxyethylsulfonyl)phenylazo]-4-hydroxynaphthalene-2-sulfonic acid, Na/K salt;</p> <p>7-amino-3-[4-(2-sulfoxyethylsulfonyl)phenylazo]-4-hydroxy-8-[4-(2-sulfoxyethylsulfonyl)-2-sulfophenylazo]naphthalene-2-sulfonic acid, Na/K salt;</p> <p>7-amino-8-[4-(2-sulfoxyethylsulfonyl)-phenylazo]-4-hydroxy-3-[4-(2-sulfoxyethylsulfonyl)-2-sulfophenylazo]naphthalene-2-sulfonic acid, Na/K salt;</p> <p>7-amino-3,8-bis-[4-(2-sulfoxyethylsulfonyl)-2-sulfophenylazo]-4-hydroxynaphthalene-2-sulfonic acid, Na/K salt</p> | 429-070-4 | 214362-06-8 | Eye Dam. 1                              | H318                          | GHS05<br>Dgr                       | H318                          |   |  |          |

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|----------------|---|-----------|--------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |        | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 611-145-00-X   | reaction mass of: tetrasodium 3-(1,5-disulfonatophthalene-2-ylazo)-4-hydroxy-7-[4-chloro-6-[4-(2-sulfoxyethylsulfonyl)phenylamino]-1,3,5-triazine-2-ylamino)naphthalene-2-sulfonate; 3-(2,5-disulfophenylazo)-4-hydroxy-7-[4-chloro-6-[4-(2-sulfoxyethylsulfonyl)phenylamino]-1,3,5-triazine-2-ylamino)naphthalene-2-sulfonic acid, sodium salt   | 429-440-5 | —      | Eye Dam. 1                              | H318                          | GHS05<br>Dgr                       | H318                          |   |  |          |
| 611-146-00-5   | reaction mass of: pentasodium 3-(4-(4-(7-(2,4-diamino-5-sulfonato-3-(4-sulfonatophenylazo)phenylazo)-1-hydroxy-3-sulfonatophthalen-2-ylazo)-2-sulfonatophenylamino)phenylazo)-4-hydroxy-6-(2-oxo-1-phenylcarbamoylpropylazo)naphthalene-2-sulfonate; pentasodium 6-((2,4-diamino-5-sulfonatophenyl)azo)-3-((4-((7-((2,4-diamino-5-sulfonatophenyl)azo)-1-hydroxy-3-sulfonatophthalen-2-yl)azo)phenyl)amino)-2-sulfonatophenyl)azo)-4-hydroxynaphthalene-2-sulfonate; pentasodium 6-((2,4-diamino-5-sulfonato-3-((4-sulfonatophenyl)azo)phenyl)azo)-3-((4-((4-((1,7-dihydroxy-3-sulfonatophthalen-2-yl)azo)-2-sulfonatophenyl)amino)phenyl)azo)-4-hydroxynaphthalene-2-sulfonate; hexasodium 6-((2,4-diamino-5-sulfonatophenyl)azo)-3-((4-((7-((2,4-diamino-5-sulfonato-3-((4-sulfonatophenyl)azo)phenyl)azo)-1-hydroxy-3-sulfonatophthalen-2-yl)azo)-2-sulfonatophenyl)amino)phenyl)azo)-4-hydroxynaphthalene-2-sulfonate | 430-070-1 | —      | Aquatic Chronic 2                       | H411                          | GHS09                              | H411                          |   |  |          |

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|----------------|---|-----------|-------------|--|--------------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení        | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 611-147-00-0   | sodium, potassium, lithium 5-amino-3,6-bis(5-(4-chloro-6-(methyl-(2-methylaminoacetyl)amino)-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo)-4-hydroxynaphthalene-2,7-disulfonate                    | 430-090-0 | 205764-96-1 | Eye Dam. 1<br>Skin Sens. 1   | H318<br>H317                         | GHS05<br>GHS07<br>Dgr              | H318<br>H317                  |   |  |          |
| 611-148-00-6   | reaction mass of: 2-(3-(2,6-dichloro-4-nitrophenylazo)carbazol-9-yl)ethanol;<br>2-(2-(3-(2,6-dichloro-4-nitrophenylazo)-carbazol-9-yl)-ethoxy)ethanol;<br>3-(2,6-dichloro-4-nitrophenylazo)carbazol | 429-590-1 | —           | Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                               | H317<br>H400<br>H410                 | GHS07<br>GHS09<br>Wng              | H317<br>H410                  |   |  |          |
| 611-149-00-1   | 2-(2-chloroacetoxy)ethyl 3-((4-(2,5-dichloro-4-fluorosulfonylphenylazo)-3-methylphenyl)ethylamino) propionate   | 427-570-7 | 193486-83-8 | Aquatic Chronic 2  | H411                                 | GHS09                              | H411                          |   |  |          |
| 611-150-00-7   | tetralithium 2-[6-[7-[2-(carboxylato)phenylazo]-8-hydroxy-3,6-disulfonato-1-naphthylamino]-4-hydroxy-1,3,5-triazine-2-ylamino]benzoate  | 440-460-3 | —           | Eye Irrit. 2<br>Aquatic Chronic 3  | H319<br>H412                         | GHS07<br>Wng                       | H319<br>H412                  |   |  |          |
| 611-151-00-2   | chrysoidine;<br>4-(phenylazo)benzene-1,3-diamine  | 207-803-7 | 495-54-5    | Muta. 2<br>Acute Tox. 4 *<br>Skin Irrit. 2<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H341<br>H302<br>H315<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Wng     | H341<br>H302<br>H315<br>H410  |   |  |          |



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|----------------|---|--|--|--|--|---|--------------------------------------|---|--|----------|
|                |   |  |  | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení        | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 611-152-00-8   | chrysoidine monohydrochloride;<br>4-phenylazophenylene-1,3-diamine monohydrochloride; [1]<br>chrysoidine monoacetate;<br>4-(phenylazo)benzene-1,3-diamine monoacetate; [2]<br>chrysoidine acetate;<br>4-(phenylazo)benzene-1,3-diamine acetate; [3]<br>chrysoidine-p-dodecylbenzenesulfonate;<br>dodecylbenzenesulfonic acid, compound with 4-(phenylazo)benzene-1,3-diamine (1:1); [4]<br>chrysoidine dihydrochloride;<br>4-(phenylazo)benzene-1,3-diamine dihydrochloride; [5]<br>chrysoidine sulfate;<br>bis[4-(phenylazo)benzene-1,3-diamine] sulfate [6] | 208-545-8 [1]<br>278-290-5 [2]<br>279-116-0 [3]<br>264-409-8 [4]<br>281-549-5 [5]<br>282-432-1 [6] | 532-82-1 [1]<br>75660-25-2 [2]<br>79234-33-6 [3]<br>63681-54-9 [4]<br>83968-67-6 [5]<br>84196-22-5 [6] | Muta. 2<br>Acute Tox. 4 *<br>Skin Irrit. 2<br>Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H341<br>H302<br>H315<br>H318<br>H400<br>H410 | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H341<br>H302<br>H315<br>H318<br>H410 |   |  |          |
| 611-153-00-3   | chrysoidine C <sub>10-14</sub> -alkyl derivatives;<br>benzenesulfonic acid, mono-C <sub>10-14</sub> -alkyl derivatives, compounds with 4-(phenylazo)-1,3-benzenediamine; [1]<br>chrysoidine compound with dibutyl-naphthalene sulfonic acid;<br>dibutyl-naphthalenesulfonic acid, compound with 4-(phenylazo)benzene-1,3-diamine (1:1) [2]  | 286-946-7 [1]<br>304-236-8 [2]   | 85407-90-5 [1]<br>94247-67-3 [2]   | Muta. 2<br>Acute Tox. 4 *<br>Skin Irrit. 2<br>Eye Dam. 1   | H341<br>H302<br>H315<br>H318                 | GHS05<br>GHS08<br>GHS07<br>Dgr          | H341<br>H302<br>H315<br>H318         |   |  |          |
| 611-154-00-9   | trisodium 5-benzamido-4-hydroxy-3-(4-methyl-2-sulfonatophenylazo)naphthalene-2,7-disulfonate  | 403-670-6  | 92408-46-3   | Aquatic Chronic 3  | H412   | —                                       | H412                                 |   |  |          |
| 611-155-00-4   | 4,4'-oxybis(benzenesulfonylazide)   | 431-850-4  | 7456-68-0  | Expl. 1.1****<br>STOT RE 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1                             | H201<br>H373**<br>H400<br>H410               | GHS01<br>GHS08<br>GHS09<br>Dgr          | H201<br>H373**<br>H410               |   |  |          |

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|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie     | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 611-156-00-X   | triammonium 4-[4-[7-(4-carboxylatoanilino)-1-hydroxy-3-sulfonato-2-naphthylazo]-2,5-dimethoxyphenylazo]benzoate  | 432-270-4 | 221354-37-6 | Repr. 2<br>STOT RE 2 *<br>Aquatic Chronic 2 | H361f***<br>H373**<br>H411    | GHS08<br>GHS09<br>Wng              | H361f***<br>H373**<br>H411    |   |  |          |
| 611-157-00-5   | benzenesulfonic acid, 3,3'-(methylenebis((dihydroxyphenylene)azo))bis-, potassium sodium salt; potassium sodium 3-[(E)-(6-(3,4-dihydroxy-2-[(Z)-(3-sulfonatophenyl)diazenyl]benzyl)-2,3-dihydroxyphenyl)diazenyl]benzenesulfonate  | 432-590-4 | 243869-48-9 | Eye Irrit. 2<br>Aquatic Chronic 3           | H319<br>H412                  | GHS07<br>Wng                       | H319<br>H412                  |   |  |          |
| 611-158-00-0   | reaction product of: 2,3,4,2',3',4'-hexahydroxy-5,5'-diacetyl-diphenylmethane and 6-diazo-5,6-dihydro-5-oxo-1-naphthalenesulfonylchloride and 3-diazo-3,4-dihydro-6-methoxy-4-oxo-1-naphthalenesulfonylchloride  | 421-520-8 | —           | ****<br>Aquatic Chronic 4                   | ****<br>H413                  | ****                               | ****<br>H413                  |   |  |          |
| 611-159-00-6   | disodium 4-amino-6-((4-((4-(2,4-diaminophenyl)azo)phenylsulfamoyl)phenyl)azo)-5-hydroxy-3-((4-nitrophenyl)azo)naphthalene-2,7-disulfonate  | 421-880-6 | —           | Eye Dam. 1<br>Aquatic Chronic 3             | H318<br>H412                  | GHS05<br>Dgr                       | H318<br>H412                  |   |  |          |
| 611-160-00-1   | reaction mass of: 1,1,1-tris(phenyl-4'-(3"-diazó-3",4"-dihydro-4"-oxo-naphthalene-1"-sulfonato)ethane; 1,1,1-tris(phenyl-4'-(6"-diazó-5",6"-dihydro-5"-oxo-naphthalene-1"-sulfonato)ethane; reaction product of 1,1,1-tris(p-hydroxyphenyl)ethane with 6-diazo-5,6-dihydro-5-oxo-1-naphthylsulfonylchloride and 3-diazo-3,4-dihydro-4-oxo-1-naphthylsulfonylchloride (2:1); reaction product of 1,1,1-tris(p-hydroxyphenyl)ethane with 6-diazo-5,6-dihydro-5-oxo-1-naphthylsulfonylchloride and 3-diazo-3,4-dihydro-4-oxo-1-naphthylsulfonylchloride (1:2) | 422-760-6 | —           | ****<br>Aquatic Chronic 4                   | ****<br>H413                  | ****                               | ****<br>H413                  |   |  |          |

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|----------------|---|-----------|--------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |        | Trieda nebezpečnosti a kód(y) kategórie             | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 611-161-00-7   | trisodium [1,2'-(2-(8-amino-3,5-disulfonatonaphthalene)azo)-(4'-nitrobenzene)diolato-O,O,N][(Z)-2,2-((phenylcarbamoylprop-1'-enyl)azo)-5-sulfamoylbenzene)diolato-O,O,N]chromate(III)   | 423-100-1 | —      | Eye Dam. 1  | H318                          | GHS05<br>Dgr                       | H318                          |   |  |          |
| 611-162-00-2   | 2,4-bis(((2-(dimethylammonio)ethyloxy)carbonyl)phen-2-ylazo)benzene-1,3-diolbis(methanesulfonate)   | 429-600-4 | —      | Acute Tox. 4 *<br>Eye Dam. 1<br>Aquatic Chronic 2   | H302<br>H318<br>H411          | GHS05<br>GHS07<br>GHS09<br>Dgr     | H302<br>H318<br>H411          |   |  |          |
| 611-163-00-8   | 2,4-bis(((2-(dimethylammonio)ethyloxy)carbonyl)phen-2-ylazo)benzene-1,3-diol sulfáte  | 429-610-9 | —      | Acute Tox. 4 *<br>Eye Dam. 1<br>Aquatic Chronic 2   | H302<br>H318<br>H411          | GHS05<br>GHS07<br>GHS09<br>Dgr     | H302<br>H318<br>H411          |   |  |          |
| 611-164-00-3   | reaction mass of: 2,2'-dimethyl-2,2'-azobutanenitrile;<br>2-methylpentanenitrile-2-azo-2'-(2'-methylpropanenitrile);<br>2,2'-dimethyl-2,2'-azoheptanenitrile;<br>2-methylheptanenitrile-2-azo-2'-(2'-methylpropanenitrile);<br>2-methylheptanenitrile-2-azo-2'-(2'-methylbutanenitrile)   | 429-710-2 | —      | Self React D<br>Acute Tox. 4 *<br>Aquatic Chronic 2 | H242<br>H302<br>H411          | GHS02<br>GHS07<br>GHS09<br>Dgr     | H242<br>H302<br>H411          |   |  |          |
| 611-165-00-9   | reaction mass of: tetrasodium 4-amino-6-(5-(2,6-difluoropyrimidin-4-ylamino)-2-sulfonatophenylazo)-5-hydroxy-3-(4-(sulfatoethylsulfonyl)phenylazo)naphthalene-2,7-disulfonate;<br>tetrasodium 4-amino-6-(5-(4,6-difluoropyrimidin-2-ylamino)-2-sulfonatophenylazo)-5-hydroxy-3-(4-(2-sulfatoethylsulfonyl)phenylazo)naphthalene-2,7-disulfonate | 431-830-5 | —      | Aquatic Chronic 3                                   | H412                          | —                                  | H412                          |   |  |          |

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|----------------|---|-----------|--------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |        | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 611-166-00-4   | <p>reaction mass of: pentasodium 4-amino-5-hydroxy-3-[(E)-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]-6-[(E)-2-sulfonato-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]naphthalene-2,7-disulfonate;</p> <p>tetrasodium 4-amino-5-hydroxy-3-[(E)-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]-6-[(E)-2-sulfonato-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate;</p> <p>tetrasodium 4-amino-5-hydroxy-6-[(E)-2-sulfonato-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]-3-[(E)-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate</p> | 432-100-9 | —      | Eye Dam. 1<br>Aquatic Chronic 3         | H318<br>H412                  | GHS05<br>Dgr                       | H318<br>H412                  |   |  |          |
| 611-167-00-X   | sodium bis[tris(2-hydroxyethyl)ammonium][6-anilino-4'-(4,8-disulfonato-2-naphthylazo)-5'-methyl-3-sulfonatonaphthalene-2-azobenzene-1,2'-diolato]cuprate(II)  | 435-240-9 | —      | Aquatic Chronic 3                       | H412                          | —                                  | H412                          |   |  |          |
| 611-168-00-5   | <p>reaction mass of: 3-[[4-chloro-6-[[7-[(1,5-disulfo-2-naphthalenyl)azo]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]-5-[[4-chloro-6-[[8-hydroxy-3,6-disulfo-7-[(2-sulfophenyl)azo]-1-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]benzoic acid;</p> <p>3,5-bis[[4-chloro-6-[[7-[(1,5-disulfo-2-naphthalenyl)azo]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]benzoic acid</p>   | 435-440-6 | —      | Eye Dam. 1                              | H318                          | GHS05<br>Dgr                       | H318                          |   |  |          |

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|----------------|---|-----------|--------|--|--|------------------------------------|--|---|--|----------|
|                |   |           |        | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení              | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení              | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 611-169-00-0   | sodium 5-(2-carboxyphenylazo)-6-hydroxynaphthalene-2-sulfonate  | 435-800-2 | —      | Aquatic Chronic 3  | H412                                       | —                                  | H412                                       |   |  |          |
| 611-170-00-6   | reaction mass of: trisodium 2-((1-(2-hydroxy-κ-O-5-(2-sulfonatoethansulfonyl)phenylazo-κ-N <sup>2</sup> )-1-phenylmethyl)azo-κ-N <sup>1</sup> )-4-sulfonatobenzoate(5-)-κ-O)cuprate(II);<br>disodium 2-((1-(5-ethenesulfonyl-2-hydroxy-κ-O-phenylazo-κ-N <sup>2</sup> )-1-phenylmethyl)azo-κ-N <sup>1</sup> )-4-sulfonatobenzoate-κ-O-(5-)) cuprate(II)   | 435-880-9 | —      | Aquatic Chronic 3  | H412                                       | —                                  | H412                                       |   |  |          |
| 611-171-00-1   | reaction mass of: trisodium 3-(5-(2,6-difluoropyrimidin-4-ylamino)-2-sulfonatophenylazo)-5-(4-fluoro-6-morpholin-4-yl-1,3,5-triazin-2-ylamino)-4-hydroxy-2,7-naphthalenedisulfonate;<br>trisodium 3-(5-(4,6-difluoropyrimidin-2-ylamino)-2-sulfonatophenylazo)-5-(4-fluoro-6-morpholin-4-yl-1,3,5-triazin-2-ylamino)-4-hydroxy-2,7-naphthalenedisulfonate | 436-890-6 | —      | Eye Dam. 1<br>Aquatic Chronic 3  | H318<br>H412                               | GHS05<br>Dgr                       | H318<br>H412                               |   |  |          |
| 611-172-00-7   | reaction mass of: triammonium 6-amino-3-((2,5-diethoxy-4-(3-phosphonophenyl)azo)phenyl)azo-4-hydroxy-2-naphthalenesulfonate;<br>diammonium 3-((4-((7-amino-1-hydroxy-3-sulfo-naphthalen-2-yl)azo)-2,5-diethoxyphenyl)azo)benzoate   | 438-310-7 | —      | Self-react. C****<br>Repr. 2<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Aquatic Chronic 3 | H242<br>H361f***<br>H302<br>H373**<br>H412 | GHS02<br>GHS08<br>GHS07<br>Dgr     | H242<br>H361f***<br>H302<br>H373**<br>H412 |   |  |          |

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|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 611-173-00-2   | <p>reaction mass of: 3-[3-carbamoyl-5-(5-(4-chloro-6-[4-(2-sulfonatooxyethylsulfonyl)anilino]-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo)-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl]propanoic acid, trisodium salt;</p> <p>3-[3-carbamoyl-5-(5-(4-chloro-6-[4-(vinylsulfonyl)anilino]-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo)-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl]propanoic acid, disodium salt</p>  | 440-510-4 | —           | Eye Dam. 1<br>Skin Sens. 1              | H318<br>H317                  | GHS05<br>GHS07<br>Dgr              | H318<br>H317                  |   |  |          |
| 611-174-00-8   | <p>reaction mass of: 3-[5-(4-ethanesulfonylbutyrylamino)-2-sulfophenylazo]-5-[4-chloro-[6-(4-(3-amino-5-hydroxy-2,7-disulfonaphthalene-4-ylazo)-3-sulfophenylamino)-1,3,5-triazin-2-ylamino]-4-hydroxynaphthalene-2,7-disulfonic acid, sodium salt;</p> <p>3-[5-(4-(2-chloroethanesulfonyl)butyrylamino)-2-sulfophenylazo]-5-[4-chloro-[6-(4-(3-amino-5-hydroxy-2,7-disulfonaphthalene-4-ylazo)-3-sulfophenylamino)-1,3,5-triazin-2-ylamino]-4-hydroxynaphthalene-2,7-disulfonic acid, sodium salt</p> | 442-290-5 | 457624-86-1 | Eye Dam. 1                              | H318                          | GHS05<br>Dgr                       | H318                          |   |  |          |

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|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie         | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 611-175-00-3   | reaction mass of: trisodium 5-{4-chloro-6-[N-ethyl-(3-(2-sulfonatooxy)ethylsulfonyl)anilino]-1,3,5-triazin-2-ylamino}-4-hydroxy-3-[4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate;<br>trisodium 5-{4-chloro-6-[N-ethyl-3-(vinylsulfonyl)anilino]-1,3,5-triazin-2-ylamino}-4-hydroxy-3-[4-(2-(sulfonatooxy)ethylsulfonyl)phenylazo]naphthalene-2,7-disulfonate;<br>disodium 5-{4-chloro-6-[N-ethyl-3-(vinylsulfonyl)anilino]-1,3,5-triazin-2-ylamino}-4-hydroxy-3-[4-(2-(sulfonatooxy)ethylsulfonyl)phenylazo]naphthalene-2,7-disulfonate;<br>tetrasodium 5-{4-chloro-6-[N-ethyl-3-(2-(sulfonatooxy)ethylsulfonyl)anilino]-1,3,5-triazin-2-ylamino}-3-[4-(2-(sulfonatooxy)ethylsulfonyl)phenylazo]-4-hydroxynaphthalene-2,7-disulfonate | 444-050-5 | —           | Eye Dam. 1<br>Aquatic Chronic 3                 | H318<br>H412                  | GHS05<br>Dgr                       | H318<br>H412                  |   |  |          |
| 611-176-00-9   | 2,6-bis(2,3,4-trihydroxybenzyl)-p-cresol ester with 6-diazo-5,6-dihydro-5-oxo-1-naphthalenesulfonate   | 444-250-2 | —           | Self-react. C****<br>Aquatic Chronic 2          | H242<br>H411                  | GHS02<br>GHS09<br>Dgr              | H242<br>H411                  |   |  |          |
| 611-177-00-4   | reaction mass of: pentasodium bis[6-anilino-3,5'-disulfonatonaphthalene-2-azobenzene-1,2'-diolato]cobaltate(III);<br>tetrasodium [6-anilino-3,5'-disulfonatonaphthalene-2-azobenzene-1,2'-diolato][6-anilino-5'-sulfamoyl-3-sulfonatonaphthalene-2-azobenzene-1,2'-diolato]cobaltate(III);<br>trisodium bis[6-anilino-5'-sulfamoyl-3-sulfonatonaphthalene-2-azobenzene-1,2'-diolato]cobaltate(III)   | 444-290-0 | 508202-43-5 | Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 3 | H318<br>H317<br>H412          | GHS05<br>GHS07<br>Dgr              | H318<br>H317<br>H412          |   |  |          |

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|----------------|---|-----------|--------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |        | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 611-178-00-X   | <p>reaction mass of: pentasodium 4-amino-5-hydroxy-3-[(E)-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]-6-[(E)-2-sulfonato-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]naphthalene-2,7-disulfonate;</p> <p>tetrasodium 4-amino-5-hydroxy-3-[(E)-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]-6-[(E)-2-sulfonato-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate;</p> <p>tetrasodium 4-amino-5-hydroxy-6-[(E)-2-sulfonato-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]-3-[(E)-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate;</p> <p>trisodium 4-amino-5-hydroxy-3-[(E)-4-(vinylsulfonyl)phenylazo]-6-[(E)-2-sulfonato-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate;</p> <p>trisodium 4-amino-5-hydroxy-3-[(2-hydroxyethylsulfonyl)phenylazo]-6-[(E)-2-sulfonato-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate;</p> <p>trisodium 4-amino-5-hydroxy-3-[(E)-4-(vinylsulfonyl)phenylazo]-6-[-2-sulfonato-4-(2-hydroxyethylsulfonyl)phenylazo]naphthalene-2,7-disulfonate</p> | 445-280-9 | —      | Eye Dam. 1                              | H318                          | GHS05                              | H318                          |   |  |          |
|                |   |           |        | Skin Sens. 1                            | H317                          | GHS07                              | H317                          |   |  |          |
|                |   |           |        | Aquatic Chronic 3                       | H412                          | Dgr                                | H412                          |   |  |          |



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|----------------|---|-----------|-----------|---|--|---|--|---|--|----------|
|                |   |           |           | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 611-179-00-5   | reaction mass of: pentasodium 2-[[8-[[4-chloro-6-[[4-(2-sulfonatoethylsulfonyl)]phenyl]amino]-1,3,5-triazin-2-yl]amino]-1-hydroxy-3,6-disulfonato-2-naphthalenyl]azo]naphthalene-1,5-disulfonate;<br>2-[[8-[[4-chloro-6-[[4-[[2-ethenyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-1-hydroxy-3,6-disulfonato-2-naphthalenyl]azo]naphthalene-1,5-disulfonate | 450-010-8 | —         | Eye Dam. 1<br>Skin Sens. 1  | H318<br>H317   | GHS05<br>GHS07<br>Dgr                   | H318<br>H317   |   |  |          |
| 611-180-00-0   | iron, complexes with diazotised 4-aminobenzenesulfonamide, diazotised 3-aminobenzenesulfonic acid, diazotised 3-amino-4-hydroxybenzenesulfonamide, diazotised 3-amino-4-hydroxy-N-phenylbenzenesulfonamide, diazotised 5-amino-2-(phenylamino)benzenesulfonic acid and resorcinol, sodium salts   | 417-850-7 | —         | Aquatic Chronic 2   | H411   | GHS09                                   | H411   |   |  |          |
| 612-057-01-1   | piperazine;<br>[liquid]   | 203-808-3 | 110-85-0  | Repr. 2<br>Skin Corr. 1B<br>Resp. Sens. 1<br>Skin Sens. 1   | H361fd<br>H314<br>H334<br>H317   | GHS05<br>GHS08<br>Dgr                   | H361fd<br>H314<br>H334<br>H317   |   |  |          |
| 612-122-01-4   | hydroxylamine ... % [≤ 55 % in aqueous solution]  | 232-259-2 | 7803-49-8 | Met. Corr. 1<br>Carc. 2<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT RE 2 *<br>STOT SE 3<br>Skin Irrit. 2<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1 | H290<br>H351<br>H312<br>H302<br>H373**<br>H335<br>H315<br>H318<br>H317<br>H400 | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H290<br>H351<br>H312<br>H302<br>H373**<br>H335<br>H315<br>H318<br>H317<br>H400 |   |  | B        |

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|----------------|---|-----------|-------------|---|--|--|--|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                          | Piktogram, kód(y) výstražných slov               | Kód(y) výstražných upozornení                          | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 612-169-00-3   | bis(N-methyl-N-phenylhydrazine) sulfate   | 423-170-1 | 618-26-8    | Flam. Liq. 2<br>STOT RE 1<br>Acute Tox. 4 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1     | H225<br>H372**<br>H302<br>H318<br>H317<br>H400<br>H410 | GHS02<br>GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H225<br>H372**<br>H302<br>H318<br>H317<br>H410         |   |  |          |
| 612-203-00-7   | C <sub>8-10</sub> alkyl dimethyl hydroxyethyl ammoniumchloride (chain < C <sub>8</sub> : <3 %, chain = C <sub>8</sub> : 15 %-70 %, chain = C <sub>10</sub> : 30 %-85 %, chain > C <sub>10</sub> : <3 %) | 417-360-3 | —           | Acute Tox. 4 *<br>Acute Tox. 4 *<br>Skin Irrit. 2   | H312<br>H302<br>H315                                   | GHS07<br>Wng                                     | H312<br>H302<br>H315                                   |   |  |          |
| 612-208-00-4   | N-methylbenzene-1,2-diammonium hydrogen phosphate   | 424-460-0 | —           | Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Chronic 2   | H302<br>H317<br>H411                                   | GHS07<br>GHS09<br>Wng                            | H302<br>H317<br>H411                                   |   |  |          |
| 612-216-00-8   | 1-amino-1-cyanamino-2,2-dicyanoethylene, sodium salt  | 425-870-2 | 19450-38-5  | Skin Sens. 1<br>Aquatic Chronic 3   | H317<br>H412   | GHS07<br>Wng                                     | H317<br>H412   |   |  |          |
| 612-219-00-4   | (2-hydroxy-3-(3,4-dimethyl-9-oxo-10-thiaanthracen-2-yloxy)propyl)trimethylammonium chloride   | 402-200-7 | —           | Aquatic Chronic 3   | H412   | —  | H412   |   |  |          |
| 612-220-00-X   | N-nitro-N-(3-methyl-3,6-dihydro-2H-1,3,5-oxadiazin-4-yl)amine   | 431-060-1 | 153719-38-1 | Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Chronic 3   | H302<br>H317<br>H412                                   | GHS07<br>Wng                                     | H302<br>H317<br>H412                                   |   |  |          |
| 612-221-00-5   | 2-amino-4-(trifluoromethyl)benzenethiol hydrochloride   | 429-560-8 | 4274-38-8   | Skin Corr. 1B<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Skin Sens. 1<br>Aquatic Acute 1 | H314<br>H332<br>H312<br>H302<br>H373**<br>H317<br>H400 | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr          | H314<br>H332<br>H312<br>H302<br>H373**<br>H317<br>H400 |   |  |          |

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|----------------|--|-----------|-------------|---|--|---|--|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení          | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 612-222-00-0   | cis-1-(3-(4-fluorophenoxy)propyl)-3-methoxy-4-piperidinamine                     | 425-080-8 | 104860-26-6 | Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H312<br>H302<br>H373**<br>H318<br>H400<br>H410 | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H312<br>H302<br>H373**<br>H318<br>H410 |   |  |          |
| 612-223-00-6   | N-benzyl-N-ethyl-(4-(5-nitrobenzo[c]isothiazol-3-ylazo)phenyl)amine              | 425-300-2 | 186450-73-7 | Skin Sens. 1<br>Aquatic Chronic 4   | H317<br>H413                                   | GHS07<br>Wng                            | H317<br>H413                           |   |  |          |
| 612-224-00-1   | N2,N4,N6-tris{4-[(1,4-dimethylpentyl)amino]phenyl}-1,3,5-triazine-2,4,6-triamine | 426-150-0 | 121246-28-4 | Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H317<br>H400<br>H410                           | GHS07<br>GHS09<br>Wng                   | H317<br>H410                           |   |  |          |
| 612-225-00-7   | 1,4,7,10-tetraazacyclododecane   | 425-450-9 | 294-90-6    | Skin Corr. 1B<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1             | H314<br>H312<br>H302<br>H400<br>H410           | GHS05<br>GHS07<br>GHS09<br>Dgr          | H314<br>H312<br>H302<br>H410           |   |  |          |
| 612-226-00-2   | 3-(2'-phenoxyethoxy)propylamine  | 427-870-8 | 6903-18-0   | Acute Tox. 4 *<br>Skin Irrit. 2<br>Eye Dam. 1<br>Aquatic Chronic 3                                    | H302<br>H315<br>H318<br>H412                   | GHS05<br>GHS07<br>Dgr                   | H302<br>H315<br>H318<br>H412           |   |  |          |
| 612-227-00-8   | benzyl-N-(2-(2-methoxyphenoxy)ethyl)amine hydrochloride                          | 428-290-8 | 120606-08-8 | Acute Tox. 4 *<br>Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                                  | H302<br>H318<br>H400<br>H410                   | GHS05<br>GHS07<br>GHS09<br>Dgr          | H302<br>H318<br>H410                   |   |  |          |

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|----------------|---|-----------|-------------|--|--|---|--|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                                | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                                | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 612-228-00-3   | reaction mass of: N-(3-(trimethoxysilyl)propyl)ethylenediamine;<br>N-benzyl-N-(3-(trimethoxysilyl)propyl)ethylenediamine;<br>N-benzyl-N'-[3-(trimethoxysilyl)propyl]ethylenediamine;<br>N,N'-bis-benzyl-N'-[3-(trimethoxysilyl)propyl]ethylenediamine;<br>N,N,N'-tris-benzyl-N'-[3-(trimethoxysilyl)propyl]ethylenediamine;<br>N,N-bis-benzyl-N'-[3-(trimethoxysilyl)propyl]ethylenediamine | 414-340-6 | —           | Flam. Liq. 3<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT SE 2<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 3 | H226<br>H332<br>H312<br>H302<br>H371<br>H318<br>H317<br>H412 | GHS02<br>GHS05<br>GHS08<br>GHS07<br>Dgr | H226<br>H332<br>H312<br>H302<br>H371<br>H318<br>H317<br>H412 |   |  |          |
| 612-229-00-9   | mepanipirim;<br>4-methyl-N-phenyl-6-(1-propynyl)-2-pyrimidinamine   | —         | 110235-47-7 | Carc. 2<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H351<br>H400<br>H410   | GHS08<br>GHS09<br>Wng                   | H351<br>H410   |   |  |          |
| 612-230-00-4   | N,N-bis(cocoyl-2-oxypropyl)-N,N-dibutylammonium bromide   | 431-530-4 | —           | Skin Corr. 1A<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H314<br>H317<br>H400<br>H410                                 | GHS05<br>GHS07<br>GHS09<br>Dgr          | H314<br>H317<br>H410   |   |  |          |
| 612-231-00-X   | 3-((C <sub>12-18</sub> )-acylamino)-N-(2-((2-hydroxyethyl)amino)-2-oxoethyl)-N,N-dimethyl-1-propanaminium chloride  | 427-370-1 | 164288-56-6 | Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H318<br>H400<br>H410   | GHS05<br>GHS09<br>Dgr                   | H318<br>H410   |   |  |          |
| 612-232-00-5   | reaction mass of: triisopropanolamine salt of 1-amino-4-(3-propionamidoanilino)anthraquinone-2-sulfonic acid;<br>triisopropanolamine salt of 1-amino-4-[3,4-dimethyl-5-(2-hydroxyethylaminosulfonyl)anilino]anthraquinone-2-sulfonic acid   | 430-410-9 | 186148-38-9 | Aquatic Chronic 3  | H412   | —                                       | H412   |   |  |          |

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|----------------|---|--|--|---|--|--|--|---|--|----------|
|                |   |  |  | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov     | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 612-237-00-2   | hydroxylammonium hydrogensulfate;<br>hydroxylamine sulfate(1:1); [1]<br>hydroxylamine phosphate; [2]<br>hydroxylamine dihydrogenphosphate; [3]<br>hydroxylamine<br>4-methylbenzenesulfonate [4] | 233-154-4 [1]<br>244-077-0 [2]<br>242-818-2 [3]<br>258-872-5 [4] | 10046-00-1 [1]<br>20845-01-6 [2]<br>19098-16-9 [3]<br>53933-48-5 [4] | Expl. 1.1<br>Carc. 2<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Eye Irrit. 2<br>Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Acute 1 | H201<br>H351<br>H312<br>H302<br>H373**<br>H319<br>H315<br>H317<br>H400 | HS01<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H201<br>H351<br>H312<br>H302<br>H373**<br>H319<br>H315<br>H317<br>H400 |   |  | T        |
| 612-238-00-8   | (3-chloro-2-hydroxypropyl) trimethylammonium chloride ... %   | 222-048-3  | 3327-22-8  | Carc. 2<br>Aquatic Chronic 3  | H351<br>H412   | GHS08<br>Wng                           | H351<br>H412   |   |  | B        |
| 612-239-00-3   | biphenyl-3,3',4,4'-tetrayltetraamine;<br>diaminobenzidine   | 202-110-6  | 91-95-2  | Carc. 1B<br>Muta. 2   | H350<br>H341   | GHS08<br>Dgr                           | H350<br>H341   |   |  |          |
| 612-240-00-9   | pyrimethanil (ISO);<br>N-(4,6-dimethylpyrimidin-2-yl)<br>aniline  | —  | 53112-28-0   | Aquatic Chronic 2   | H411   | GHS09                                  | H411   |   |  |          |
| 612-241-00-4   | piperazine hydrochloride; [1]<br>piperazine dihydrochloride; [2]<br>piperazine phosphate [3]  | 228-042-7 [1]<br>205-551-2 [2]<br>217-775-8 [3]                  | 6094-40-2 [1]<br>142-64-3 [2]<br>1951-97-9 [3]                       | Repr. 2<br>Eye Irrit. 2<br>Skin Irrit. 2<br>Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Chronic 3  | H361fd<br>H319<br>H315<br>H334<br>H317<br>H412                         | GHS08<br>Dgr                           | H361fd<br>H319<br>H315<br>H334<br>H317<br>H412                         |   |  |          |
| 612-242-00-X   | cyprodinil (ISO);<br>4-cyclopropyl-6-methyl-N-phenylpyrimidin-2-amine   | —  | 121552-61-2  | Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H317<br>H400<br>H410   | GHS07<br>GHS09<br>Wng                  | H317<br>H410   |   | M=10                                     |          |
| 612-243-00-5   | (1S-cis)-4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthalenamine 2-hydroxy-2-phenylacetate   | 420-560-3  | 79617-97-3   | Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H318<br>H400<br>H410   | GHS05<br>GHS09<br>Dgr                  | H318<br>H410   |   | M=10                                     |          |
| 612-244-00-0   | 3-(piperazin-1-yl)-benzo[d]isothiazole hydrochloride  | 421-310-6  | 87691-88-1   | Repr. 2<br>Acute Tox. 4 *<br>Eye Irrit. 2<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H361f***<br>H302<br>H319<br>H317<br>H400<br>H410                       | GHS08<br>GHS07<br>GHS09<br>Wng         | H361f***<br>H302<br>H319<br>H317<br>H410                               |   |  |          |

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|----------------|--|-----------|-------------|--|--|---|--|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení                          | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                    | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 612-245-00-6   | 2-ethylphenylhydrazine hydrochloride   | 421-460-2 | 19398-06-2  | Carc. 2<br>STOT RE 1<br>Acute Tox. 4 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H351<br>H372**<br>H302<br>H318<br>H317<br>H400<br>H410 | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H351<br>H372**<br>H302<br>H318<br>H317<br>H410   |   | M=10                                     |          |
| 612-246-00-1   | (2-chloroethyl)(3-hydroxypropyl)ammonium chloride  | 429-740-6 | 40722-80-3  | Carc. 1B<br>Muta. 1B<br>STOT RE 2 *<br>Skin Sens. 1<br>Aquatic Chronic 3                                     | H350<br>H340<br>H373**<br>H317<br>H412                 | GHS08<br>GHS07<br>Dgr                   | H350<br>H340<br>H373**<br>H317<br>H412           |   |  |          |
| 612-247-00-7   | N-[3-(1,1-dimethylethyl)-1H-pyrazol-5-yl]-N'-hydroxy-4-nitrobenzenecarboximidamide                                 | 423-530-8 | 152828-23-4 | STOT RE 1<br>Acute Tox. 4 *<br>Aquatic Chronic 3   | H372**<br>H302<br>H412                                 | GHS08<br>GHS07<br>Dgr                   | H372**<br>H302<br>H412                           |   |  |          |
| 612-248-00-2   | reaction product of diphenylamine, phenothiazine, and alkenes, branched (C <sub>8-10</sub> , C <sub>9</sub> -rich) | 439-540-0 | —           | Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Chronic 4   | H315<br>H317<br>H413                                   | GHS07<br>Wng                            | H315<br>H317<br>H413                             |   |  |          |
| 612-249-00-8   | 4-[(3-chlorophenyl)(1H-imidazol-1-yl)methyl]-1,2-benzenediamine dihydrochloride                                    | 425-030-5 | 159939-85-2 | Repr. 2<br>Acute Tox. 4 *<br>Skin Corr. 1B<br>Skin Sens. 1<br>Aquatic Chronic 2                              | H361f***<br>H302<br>H314<br>H317<br>H411               | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H361f***<br>H302<br>H314<br>H317<br>H411         |   |  |          |
| 612-250-00-3   | chloro-N,N-dimethylformiminium chloride  | 425-970-6 | 3724-43-4   | Repr. 1B<br>Acute Tox. 4 *<br>Skin Corr. 1A  | H360D***<br>H302<br>H314                               | GHS05<br>GHS08<br>GHS07<br>Dgr          | H360D***<br>H302<br>H314                         | EUH014                                      |  |          |
| 612-251-00-9   | cis-1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride   | 426-020-3 | 51229-78-8  | Flam. Sol. 2<br>Repr. 2<br>Acute Tox. 4 *<br>Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Chronic 2              | H228<br>H361d***<br>H302<br>H315<br>H317<br>H411       | GHS02<br>GHS08<br>GHS07<br>GHS09<br>Wng | H228<br>H361d***<br>H302<br>H315<br>H317<br>H411 |   |  |          |

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|----------------|---|-----------|-------------|---|--------------------------------------|---|--------------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení        | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení        | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 612-252-00-4   | imidacloprid (ISO);<br>1-(6-chloropyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylidenamine                         | 428-040-8 | 138261-41-3 | Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1                          | H302<br>H400<br>H410                 | GHS07<br>GHS09<br>Wng                   | H302<br>H410                         |   |  |          |
| 612-253-00-X   | 7-methoxy-6-(3-morpholin-4-yl-propoxy)-3H-quinazolin-4-one;<br>[containing < 0,5 % formamide (EC No 200-842-0)] | 429-400-7 | 199327-61-2 | Aquatic Chronic 3   | H412                                 | —                                       | H412                                 |   |  |          |
| 612-253-01-7   | 7-methoxy-6-(3-morpholin-4-yl-propoxy)-3H-quinazolin-4-one;<br>[containing ≥ 0,5 % formamide (EC No 200-842-0)] | 429-400-7 | 199327-61-2 | Repr. 1B<br>Aquatic Chronic 3   | H360D***<br>H412                     | GHS08<br>Dgr                            | H360D***<br>H412                     |   |  |          |
| 612-254-00-5   | reaction products of diisopropanolamine with formaldehyde (1:4)   | 432-440-8 | 220444-73-5 | Carc. 2<br>Acute Tox. 4 *<br>Skin Corr. 1B<br>Skin Sens. 1<br>Aquatic Chronic 2 | H351<br>H302<br>H314<br>H317<br>H411 | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H351<br>H302<br>H314<br>H317<br>H411 |   |  |          |
| 612-255-00-0   | 1-(3-methoxypropyl)-4-piperidinamine  | 431-950-8 | 179474-79-4 | Acute Tox. 4 *<br>Acute Tox. 4 *<br>Skin Corr. 1B<br>Aquatic Chronic 3          | H312<br>H302<br>H314<br>H412         | GHS05<br>GHS07<br>Dgr                   | H312<br>H302<br>H314<br>H412         |   |  |          |
| 612-256-00-6   | benzyl(S)-2-[(2'-cyanobiphenyl-4-ylmethyl)pentanoylamino]-3-methylbutyrate                                      | 427-470-3 | 137864-22-3 | Acute Tox. 4 *<br>Skin Sens. 1  | H302<br>H317                         | GHS07<br>Wng                            | H302<br>H317                         |   |  |          |
| 612-257-00-1   | tripropylammonium dihydrogenphosphate   | 433-700-3 | 35687-90-2  | Acute Tox. 4 *  | H302                                 | GHS07<br>Wng                            | H302                                 |   |  |          |
| 612-259-00-2   | N-ethyl-3-trimethoxysilyl-2-methylpropanamine   | 437-720-3 | 227085-51-0 | Eye Dam. 1  | H318                                 | GHS05<br>Dgr                            | H318                                 |   |  |          |
| 612-261-00-3   | 3,5-dichloro-2-fluoro-4-(1,1,2,3,3,3-hexafluoropropoxy)aniline  | 441-190-9 | 121451-05-6 | Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1          | H302<br>H317<br>H400<br>H410         | GHS07<br>GHS09<br>Wng                   | H302<br>H317<br>H410                 |   | M=10                                     |          |
| 612-265-00-5   | bis(2-hydroxyethyl)-(2-hydroxypropyl)ammonium acetate   | 444-360-0 | 191617-13-7 | Aquatic Chronic 3   | H412                                 | —                                       | H412                                 |   |  |          |

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|----------------|---|-----------|-------------|--|--|------------------------------------|--------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení          | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 612-266-00-0   | 3-chloro-4-(3-fluorobenzyloxy)aniline   | 445-590-4 | 202197-26-0 | Muta. 2<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H341<br>H302<br>H373**<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Wng     | H341<br>H302<br>H373**<br>H410 |   |  |          |
| 612-267-00-6   | bis(hydrogenated tallow C <sub>16-18</sub> -alkyl)hydroxylamine   | 418-370-0 | —           | Skin Sens. 1<br>Aquatic Chronic 4  | H317<br>H413                           | GHS07<br>Wng                       | H317<br>H413                   |   |  |          |
| 612-269-00-7   | reaction mass of: 1-[di(4-octylphenyl)aminomethyl]-5-methyl-1H-benzotriazole;<br>1-[di(4-octylphenyl)aminomethyl]-4-methyl-1H-benzotriazole;<br>reaction mass of: N-[(5-methyl-1H-benzotriazol-1-yl)methyl]-4-octyl-N-(4-octylphenyl)aniline;<br>N-[(4-methyl-1H-benzotriazol-1-yl)methyl]-4-octyl-N-(4-octylphenyl)aniline | 420-720-2 | —           | Aquatic Chronic 4  | H413                                   | —                                  | H413                           |   |  |          |
| 612-270-00-2   | (S)-azetidine-2-carboxylic acid 4-cyanobenzylamide hydrochloride  | 433-010-2 | —           | Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Chronic 3                              | H302<br>H317<br>H412                   | GHS07<br>Wng                       | H302<br>H317<br>H412           |   |  |          |
| 612-271-00-8   | reaction mass of: ethyl 2-((4-(5,6-dichlorobenzothiazol-2-ylazo)phenyl)ethylamino)benzoate;<br>ethyl 2-((4-(6,7-dichlorobenzothiazol-2-ylazo)phenyl)ethylamino)benzoate   | 434-970-5 | 160987-57-5 | Aquatic Chronic 4  | H413                                   | —                                  | H413                           |   |  |          |
| 612-272-00-3   | ammonium (η-6-2-(2-(1,2-dicarboxylatoethylamino)ethylamino)butane-1,4-dioato(4-)) iron(3+) monohydrate  | 435-210-5 | —           | Aquatic Chronic 2  | H411                                   | GHS09                              | H411                           |   |  |          |
| 612-273-00-9   | alkyl(rapeseed oil), bis(2-hydroxyethyl)ammonium fluoride   | 435-650-8 | —           | Acute Tox. 4 *<br>Skin Corr. 1A<br>Aquatic Acute 1<br>Aquatic Chronic 1          | H302<br>H314<br>H400<br>H410           | GHS05<br>GHS07<br>GHS09<br>Dgr     | H302<br>H314<br>H410           |   |  |          |



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|----------------|--|-----------|-------------|---|--------------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení        | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 612-274-00-4   | (R,S)-1-[2-amino-1-(4-methoxyphenyl)ethyl]cyclohexanol acetate   | 445-750-3 | —           | Acute Tox. 4 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 3                   | H302<br>H318<br>H317<br>H412         | GHS05<br>GHS07<br>Dgr              | H302<br>H318<br>H317<br>H412  |   |  |          |
| 612-275-00-X   | fatty acids, C <sub>18</sub> -unsatd., dimers, reaction products with 1-piperazineethanamine and tall oil  | 447-880-6 | 206565-89-1 | Skin Irrit. 2<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H315<br>H318<br>H317<br>H400<br>H410 | GHS05<br>GHS07<br>GHS09<br>Dgr     | H315<br>H318<br>H317<br>H410  |   | M=10                                     |          |
| 612-276-00-5   | 1-amino-4-[(4-amino-2-sulfophenyl)amino]-9,10-dihydro-9,10-dioxo-2-anthracenesulfonic acid, disodium salt, reaction products with 2-[[3-[(4,6-dichloro-1,3,5-triazin-2-yl)ethylamino]phenyl]sulfonyl]ethyl hydrogen sulfate, sodium salts  | 451-430-4 | 500717-36-2 | Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 3                                     | H318<br>H317<br>H412                 | GHS05<br>GHS07<br>Dgr              | H318<br>H317<br>H412          |   |  |          |
| 612-277-00-0   | reaction mass of: 4-amino-3-(4-ethenesulfonyl-2-sulfonatophenylazo)-5-hydroxy-6-(5-[4-chloro-6-[4-(2-sulfonatooxyethanesulfonyl)phenylamino]-1,3,5-triazin-2-ylamino]-2-sulfonatophenylazo)naphthalene-2,7-disulfonate potassium/sodium; 4-amino-5-hydroxy-6-(5-[4-chloro-6-[4-(2-sulfonatooxyethanesulfonyl)phenylamino]-1,3,5-triazin-2-ylamino]-2-sulfonatophenylazo)-3-(2-sulfonato-4-(2-sulfonatooxyethanesulfonyl)phenylazo)naphthalene-2,7-disulfonate potassium/sodium | 451-440-9 | 586372-44-3 | Eye Dam. 1  | H318                                 | GHS05<br>Dgr                       | H318                          |   |  |          |
| 612-278-00-6   | ethidium bromide;<br>3,8-diamino-1-ethyl-6-phenylphenanthridinium bromide  | 214-984-6 | 1239-45-8   | Muta. 2<br>Acute Tox. 2 *<br>Acute Tox. 4 *   | H341<br>H330<br>H302                 | GHS06<br>GHS08<br>Dgr              | H341<br>H330<br>H302          |   |  |          |

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|----------------|--|-----------|-------------|---|--|------------------------------------|--|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie                                       | Kód(y) výstražných upozornení              | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení              | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 612-279-00-1   | (R,S)-2-amino-3,3-dimethylbutane amide   | 447-860-7 | 144177-62-8 | Repr. 2<br>STOT RE 2 *<br>Eye Irrit. 2<br>Skin Irrit. 2<br>Skin Sens. 1       | H361f***<br>H373**<br>H319<br>H315<br>H317 | GHS08<br>GHS07<br>Wng              | H361f***<br>H373**<br>H319<br>H315<br>H317 |   |  |          |
| 612-280-00-7   | 3-amino-9-ethyl carbazole;<br>9-ethylcarbazol-3-ylamine  | 205-057-7 | 132-32-1    | Carc. 1B  | H350                                       | GHS08<br>Dgr                       | H350                                       |   |  | H        |
| 613-116-01-4   | tolyfluamid (ISO);<br>dichloro-N-<br>[(dimethylamino)sulphonyl]fluoro-N-<br>(p-tolyl)methanesulphenamide;<br>[containing < 0,1 % (w/w) of particles with an aerodynamic diameter of below 50 µm] | 211-986-9 | 731-27-1    | Eye Irrit. 2<br>STOT SE 3<br>Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Acute 1 | H319<br>H335<br>H315<br>H317<br>H400       | GHS07<br>GHS09<br>Wng              | H319<br>H335<br>H315<br>H317<br>H400       |   | M=10                                     |          |
| 613-161-00-2   | 2,4-diamino-6-hydroxymethylpteridinehydrobromide   | 430-620-0 | 76145-91-0  | STOT RE 2 *<br>Skin Sens. 1<br>Aquatic Chronic 3                              | H373**<br>H317<br>H412                     | GHS08<br>GHS07<br>Wng              | H373**<br>H317<br>H412                     |   |  |          |
| 613-162-00-8   | (6R-trans)-1-((7-ammonio-2-carboxylato-8-oxo-5-thia-1-azabicyclo-[4.2.0]oct-2-en-3-yl)methyl)pyridinium iodide   | 423-260-0 | 100988-63-4 | Muta. 2<br>Skin Sens. 1<br>Aquatic Chronic 2                                  | H341<br>H317<br>H411                       | GHS08<br>GHS07<br>GHS09<br>Wng     | H341<br>H317<br>H411                       |   |  |          |
| 613-187-00-4   | 5-(2-amino-5-cyano-6-[2-(2-hydroxyethoxy)ethylamino]-4-methylpyridin-3-ylazo)-3-methyl-2,4-dicarbonitrilethiophene   | 410-530-8 | —           | Skin Sens. 1  | H317                                       | GHS07<br>Wng                       | H317                                       |   |  |          |
| 613-192-00-1   | 3-benzyl-exo-6-nitro-2,4-dioxo-3-aza-cis-bicyclo[3.1.0]hexane  | 426-750-2 | 151860-15-0 | Skin Sens. 1<br>Aquatic Chronic 3   | H317<br>H412                               | GHS07<br>Wng                       | H317<br>H412                               |   |  |          |
| 613-198-00-4   | 2-amino-4-dimethylamino-6-trifluoroethoxy-1,3,5-triazine   | 415-500-8 | 145963-84-4 | Acute Tox. 4 *<br>STOT RE 2 *<br>Aquatic Chronic 3                            | H302<br>H373**<br>H412                     | GHS08<br>GHS07<br>Wng              | H302<br>H373**<br>H412                     |   |  |          |
| 613-229-00-1   | 1-acetyl-4-(3-dodecyl-2,5-dioxo-1-pyrrolidinyl)-2,2,6,6-tetramethylpiperidine  | 411-930-5 | 106917-31-1 | Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1         | H315<br>H317<br>H400<br>H410               | GHS07<br>GHS09<br>Wng              | H315<br>H317<br>H410                       |   |  |          |

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|----------------|--|-----------|-------------|--|--|---|--|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení          | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení          | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 613-231-00-2   | 2,6-diamino-3-((pyridine-3-yl)azo)pyridine   | 421-430-9 | 28365-08-4  | Acute Tox. 4 *<br>STOT RE 2 *<br>Aquatic Chronic 2                                   | H302<br>H373**<br>H411                 | GHS08<br>GHS07<br>GHS09<br>Wng          | H302<br>H373**<br>H411                 |   |  |          |
| 613-232-00-8   | 3-(benzo[b]thien-2-yl)-5,6-dihydro-1,4,2-oxathiazine-4-oxide                       | 431-030-6 | 163269-30-5 | Acute Tox. 3 *<br>STOT RE 2 *<br>Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H331<br>H373**<br>H318<br>H400<br>H410 | GHS06<br>GHS05<br>GHS08<br>GHS09<br>Dgr | H331<br>H373**<br>H318<br>H410         |   |  |          |
| 613-234-00-9   | imidazo[1,2-b]pyridazin hydrochloride  | 431-510-5 | 18087-70-2  | Acute Tox. 4 *<br>Eye Irrit. 2   | H302<br>H319                           | GHS07<br>Wng                            | H302<br>H319                           |   |  |          |
| 613-235-00-4   | 2,3-dihydro-2,2-dimethyl-1H-perimidine   | 424-060-6 | 6364-17-6   | Acute Tox. 4*<br>STOT RE 2 *<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H302<br>H373**<br>H317<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Wng          | H302<br>H373**<br>H317<br>H410         |   |  |          |
| 613-236-00-X   | 2-chloro-3-trifluoromethylpyridine   | 424-520-6 | 65753-47-1  | Acute Tox. 3 *<br>Acute Tox. 3 *<br>STOT RE 1<br>Skin Corr. 1B<br>Aquatic Chronic 3  | H311<br>H301<br>H372**<br>H314<br>H412 | GHS06<br>GHS05<br>GHS08<br>Dgr          | H311<br>H301<br>H372**<br>H314<br>H412 |   |  |          |
| 613-237-00-5   | 6-tert-butyl-3-(3-dodecylsulfonyl)propyl-7H-1,2,4-triazolo[3.4b][1,3,4]thiadiazine | 424-950-4 | 133949-92-5 | Aquatic Chronic 4  | H413                                   | —                                       | H413                                   |   |  |          |
| 613-238-00-0   | sodium 2-[[4-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]phenyl]sulfonyl]ethyl sulfate | 430-890-1 | 81992-66-7  | Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                                 | H317<br>H400<br>H410                   | GHS07<br>GHS09<br>Wng                   | H317<br>H410                           |   |  |          |
| 613-239-00-6   | 2-[3-(methylamino)propyl]-1H-benzimidazole   | 425-760-4 | 64137-52-6  | Eye Dam. 1<br>Aquatic Chronic 3  | H318<br>H412                           | GHS05<br>Dgr                            | H318<br>H412                           |   |  |          |
| 613-241-00-7   | 3-(2H-tetrazol-5-yl)pyridine   | 426-810-8 | 3250-74-6   | Eye Dam. 1   | H318                                   | GHS05<br>Dgr                            | H318                                   |   |  |          |

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|----------------|---|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie                               | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 613-242-00-2   | reaction products of 3,10-bis((2-aminopropyl)amino)-6,13-dichloro-4,11-triphenodioxazinedisulfonic acid with 2-amino-1,4-benzenedisulfonic acid, 2-((4-aminophenyl)sulfonyl)ethyl hydrogen sulfate and 2,4,6-trifluoro-1,3,5-triazine, sodium salts | 426-860-0 | 191877-09-5 | Eye Dam. 1  | H318                          | GHS05<br>Dgr                       | H318                          |   |  |          |
| 613-243-00-8   | 4,4'-(1,6-hexamethylenebis(formylimino))bis(2,2,6,6-tetramethyl-1-oxypiperidine)  | 427-350-0 | 182235-14-9 | Aquatic Chronic 2   | H411                          | GHS09                              | H411                          |   |  |          |
| 613-244-00-3   | 5,7-dichloro-4-hydroxyquinoline   | 427-420-0 | 21873-52-9  | Aquatic Chronic 2   | H411                          | GHS09                              | H411                          |   |  |          |
| 613-245-00-9   | 2-fluoro-6-trifluoromethylpyridine  | 428-100-3 | 94239-04-0  | Flam. Liq. 3<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Aquatic Chronic 3 | H226<br>H332<br>H302<br>H412  | GHS02<br>GHS07<br>Wng              | H226<br>H332<br>H302<br>H412  |   |  |          |
| 613-246-00-4   | 2-hydroxymethyl-3-methyl-4-(2,2,2-trifluoroethoxy)pyridine  | 428-200-7 | 103577-66-8 | Aquatic Chronic 3   | H412                          | —                                  | H412                          |   |  |          |
| 613-247-00-X   | 3-(2-methoxy-4-methoxycarboxybenzyl)-5-nitroindole  | 428-910-7 | 107786-36-7 | Aquatic Chronic 4   | H413                          | —                                  | H413                          |   |  |          |
| 613-248-00-5   | 3,4-dimethyl-1H-pyrazole  | 429-130-1 | 2820-37-3   | Acute Tox. 4 *<br>Eye Dam. 1<br>Aquatic Chronic 3                     | H302<br>H318<br>H412          | GHS05<br>GHS07<br>Dgr              | H302<br>H318<br>H412          |   |  |          |
| 613-249-00-0   | 1-(2-hydroxyethyl)-1H-pyrazol-4,5-diyldiammoniumsulfate   | 429-300-3 | 155601-30-2 | Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 2                       | H318<br>H317<br>H411          | GHS05<br>GHS07<br>GHS09<br>Dgr     | H318<br>H317<br>H411          |   |  |          |
| 613-250-00-6   | reaction mass of: carbonato-bis-N-ethyl-2-isopropyl-1,3-oxazolidine; methyl carbonato-N-ethyl-2-isopropyl-1,3-oxazolidine; 2-isopropyl-N-hydroxyethyl 1,3-oxazolidine   | 429-990-6 | —           | Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 3                       | H318<br>H317<br>H412          | GHS05<br>GHS07<br>Dgr              | H318<br>H317<br>H412          |   |  |          |

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|----------------|---|-----------|-------------|---|--------------------------------|------------------------------------|--------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie                     | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 613-251-00-1   | (R)-3-[(1-methylpyrrolidin-2-yl)methyl]-5-[2-(phenylsulfonyl)ethenyl]-1H-indole   | 430-560-5 | 180637-89-2 | Acute Tox. 4 *<br>STOT RE 2 *<br>Eye Dam. 1<br>Skin Sens. 1 | H302<br>H373**<br>H318<br>H317 | GHS05<br>GHS08<br>GHS07<br>Dgr     | H302<br>H373**<br>H318<br>H317 |   |  |          |
| 613-253-00-2   | 2,2-dialkyl-4-hydroxymethyl-1,3-dioxolane;<br>reaction products with ethylene oxide (alkyl is C <sub>1-12</sub> and the sum to C <sub>13</sub> , average degree of ethoxylation is 3,5)                             | 430-580-4 | —           | Skin Irrit. 2<br>Aquatic Chronic 2                          | H315<br>H411                   | GHS07<br>GHS09<br>Wng              | H315<br>H411                   | EUH019                                      |  |          |
| 613-254-00-8   | forchlorfenuron (ISO);<br>1-(2-chloro-4-pyridyl)-3-phenylurea   | —         | 68157-60-8  | Carc. 2<br>Aquatic Chronic 2                                | H351<br>H411                   | GHS08<br>GHS09<br>Wng              | H351<br>H411                   |   |  |          |
| 613-255-00-3   | reaction mass of isomers of: sodium [(2-hydroxyethylsulfamoyl) {[2-(2-piperazin-1-ylethylamino)ethylsulfamoyl] [2-(4-aminoethylpiperazine-1-yl)ethylsulfamoyl]}(sulfamoyl)} (sulfonatophthalocyaninato)] copper(II) | 424-270-8 | —           | Eye Dam. 1  | H318                           | GHS05<br>Dgr                       | H318                           |   |  |          |
| 613-256-00-9   | 3'5'-anhydro thymidine  | 425-810-5 | 38313-48-3  | Aquatic Chronic 3   | H412                           | —                                  | H412                           |   |  |          |
| 613-257-00-4   | 2-phthalimidoethyl N-[4-(2-cyano-4-nitrophenylazo)phenyl]-N-methyl-β-alaninate  | 426-400-9 | 170222-39-6 | Skin Sens. 1<br>Aquatic Chronic 4                           | H317<br>H413                   | GHS07<br>Wng                       | H317<br>H413                   |   |  |          |
| 613-258-00-X   | reaction mass of: 4-chloro-7-methylbenzotriazole sodium salt;<br>4-chloro-5-methylbenzotriazole sodium salt;<br>5-chloro-4-methylbenzotriazole sodium salt  | 427-730-6 | 202420-04-0 | Skin Corr. 1B<br>Aquatic Chronic 3                          | H314<br>H412                   | GHS05<br>Dgr                       | H314<br>H412                   |   |  |          |
| 613-259-00-5   | reaction mass of: [2,4-dioxo-(2-propyn-1-yl)imidazolidin-3-yl]methyl(1R)-cis-chrysanthemate;<br>[2,4-dioxo-(2-propyn-1-yl)imidazolidin-3-yl]methyl(1R)-trans-chrysanthemate   | 428-790-6 | 72963-72-5  | Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1      | H302<br>H400<br>H410           | GHS07<br>GHS09<br>Wng              | H302<br>H410                   |   |  |          |

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|----------------|---|-----------|-------------|--|--|---|--|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení          | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení          | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 613-260-00-0   | (±)-4-(3-chlorophenyl)-6-[(4-chlorophenyl)hydroxy(1-methyl-1H-imidazol-5-yl)methyl]-1-methyl-2(1H)-quinolin               | 430-730-9 | —           | Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                                     | H318<br>H400<br>H410                   | GHS05<br>GHS09<br>Dgr                   | H318<br>H410                           |   |  |          |
| 613-261-00-6   | pyrazole-1-carboxamide monohydrochloride  | 429-520-1 | 4023-02-3   | Acute Tox. 4 *<br>STOT RE 2 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 3       | H302<br>H373**<br>H318<br>H317<br>H412 | GHS05<br>GHS08<br>GHS07<br>Dgr          | H302<br>H373**<br>H318<br>H317<br>H412 |   |  |          |
| 613-262-00-1   | disodium (E)-1,2-bis-(4-(4-methylamino-6-(4-methylcarbamoylphenylamino)-1,3,5-triazin-2-ylamino)phenyl-2-sulfonato)ethene | 427-310-2 | 180850-95-7 | Eye Dam. 1   | H318                                   | GHS05<br>Dgr                            | H318                                   |   |  |          |
| 613-263-00-7   | monosodium 3-cyano-5-fluoro-6-hydroxypyridine-2-olate   | 429-570-2 | —           | Skin Sens. 1   | H317                                   | GHS07<br>Wng                            | H317                                   |   |  |          |
| 613-266-00-3   | 2-chloro-5-chloromethylthiazole   | 429-830-5 | 105827-91-6 | Acute Tox. 3 *<br>Skin Corr. 1B<br>Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Chronic 2 | H311<br>H314<br>H302<br>H317<br>H411   | GHS06<br>GHS05<br>GHS09<br>Dgr          | H311<br>H314<br>H302<br>H317<br>H411   |   |  |          |
| 613-267-00-9   | thiamethoxam (ISO); 3-(2-chloro-thiazol-5-ylmethyl)-5-methyl[1,3,5]oxadiazinan-4-ylidene-N-nitroamine                     | 428-650-4 | 153719-23-4 | Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1                                 | H302<br>H400<br>H410                   | GHS07<br>GHS09<br>Wng                   | H302<br>H410                           |   | M=10                                     |          |
| 613-268-00-4   | (4aS-cis)-6-benzyl-octahydropyrrolo[3.4-b]pyridine  | 425-930-8 | 151213-39-7 | Skin Corr. 1B<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>STOT RE 2 *<br>Aquatic Chronic 2  | H314<br>H332<br>H302<br>H373**<br>H411 | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H314<br>H332<br>H302<br>H373**<br>H411 |   |  |          |
| 613-269-00-X   | 2-thiazolidinylidenecyanamide   | 427-720-1 | 26364-65-8  | Acute Tox. 4*<br>STOT RE 2 *<br>Aquatic Chronic 3                                      | H302<br>H373**<br>H412                 | GHS08<br>GHS07<br>Wng                   | H302<br>H373**<br>H412                 |   |  |          |
| 613-270-00-5   | 5-amino-N-(2,6-dichloro-3-methylphenyl)-1H-1,2,4-triazole-3-sulfonamide   | 428-150-6 | 113171-13-4 | Aquatic Chronic 3  | H412                                   | —                                       | H412                                   |   |  |          |

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|----------------|---|-----------|-------------|---|--|---|--|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                    | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 613-271-00-0   | tritosulfuron (ISO)<br>(containing ≤ 0,02 % AMTT);<br>1-[4-methoxy-6-(trifluoromethyl)-1,3,5-triazin-2-yl]-3-[2-(trifluoromethyl)benzenesulfonyl]urea<br>(containing ≤ 0,02 % AMTT) | —         | 142469-14-5 | Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1  | H317<br>H400<br>H410                             | GHS07<br>GHS09<br>Wng                   | H317<br>H410                                   |   | M=10                                     |          |
| 613-272-00-6   | pyraclostrobin (ISO);<br>methyl N-{2-[1-(4-chlorophenyl)-1H-pyrazol-3-yloxymethyl]phenyl}<br>(N-methoxy)carbamate   | —         | —           | Acute Tox. 3 *<br>Skin Irrit. 2<br>Aquatic Acute 1<br>Aquatic Chronic 1                       | H331<br>H315<br>H400<br>H410                     | GHS06<br>GHS09<br>Dgr                   | H331<br>H315<br>H410                           |   | M=100                                    |          |
| 613-273-00-1   | tetrahydro-3-methyl-5-((2-phenylthio)thiazol-5-ylmethyl)-[4H]-1,3,5-oxadiazinan-4-ylidene-N-nitroamine  | 427-600-9 | 192439-46-6 | Aquatic Chronic 2   | H411   | GHS09                                   | H411   |   |  |          |
| 613-274-00-7   | 2,6-dichloro-1-fluoropyridiniumtetrafluoroborate  | 427-400-1 | 140623-89-8 | Skin Corr. 1B<br>Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1       | H314<br>H302<br>H317<br>H400<br>H410             | GHS05<br>GHS07<br>GHS09<br>Dgr          | H314<br>H302<br>H317<br>H410                   |   |  |          |
| 613-275-00-2   | 3-(2-chloroethyl)-6,7,8,9-tetrahydro-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one monohydrochloride   | 424-530-0 | 93076-03-0  | Acute Tox. 3 *<br>STOT SE 2<br>STOT RE 2 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 2 | H301<br>H371**<br>H373**<br>H318<br>H317<br>H411 | GHS06<br>GHS05<br>GHS08<br>GHS09<br>Dgr | H301<br>H371<br>H373**<br>H318<br>H317<br>H411 |   |  |          |
| 613-276-00-8   | 1-(2-chlorophenyl)-1,2-dihydro-5H-tetrazol-5-one  | 426-110-2 | 98377-35-6  | Skin Sens. 1<br>Aquatic Chronic 3   | H317<br>H412                                     | GHS07<br>Wng                            | H317<br>H412                                   |   |  |          |
| 613-277-00-3   | (4-(6-diethylamino-2-methylpyridin-3-yl)imino-4,5-dihydro-3-methyl-1-(4-methylphenyl)-1H-pyrazol-5-one  | 427-070-9 | —           | Aquatic Chronic 4   | H413   | —                                       | H413   |   |  |          |
| 613-278-00-9   | (3-aminophenyl)pyridin-3-ylmethanone  | 428-230-0 | 79568-06-2  | STOT RE 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H373**<br>H400<br>H410                           | GHS08<br>GHS09<br>Wng                   | H373**<br>H410                                 |   |  |          |

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|----------------|---|--------------------------------|----------------------------------|---|--|------------------------------------|--|---|--|----------|
|                |   |                                |                                  | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                        | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení                        | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 613-279-00-4   | 2-ethyl-2,3-dihydro-2-methyl-1H-perimidine  | 424-380-6                      | 43057-68-7                       | Acute Tox. 4 *<br>STOT RE 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H302<br>H373**<br>H400<br>H410                       | GHS08<br>GHS07<br>GHS09<br>Wng     | H302<br>H373**<br>H410                               |   |  |          |
| 613-280-00-X   | tetrahydro-1,3-dimethyl-1H-pyrimidin-2-one;<br>dimethyl propyleneurea   | 230-625-6                      | 7226-23-5                        | Repr. 2<br>Acute Tox. 4 *<br>Eye Dam. 1   | H361f***<br>H302<br>H318                             | GHS05<br>GHS08<br>GHS07<br>Dgr     | H361f***<br>H302<br>H318                             |   |  |          |
| 613-281-00-5   | quinoline   | 202-051-6                      | 91-22-5                          | Carc. 1B<br>Muta. 2<br>Acute Tox. 4 *<br>Acute Tox. 4 *<br>Eye Irrit. 2<br>Skin Irrit. 2<br>Aquatic Chronic 2 | H350<br>H341<br>H312<br>H302<br>H319<br>H315<br>H411 | GHS08<br>GHS07<br>GHS09<br>Dgr     | H350<br>H341<br>H312<br>H302<br>H319<br>H315<br>H411 |   |  |          |
| 613-282-00-0   | triticonazole (ISO);<br>(RS)-(E)-5-(4-chlorobenzylidene)-2,2-dimethyl-1-(1H-1,2,4-triazol-1-methyl)cyclopentanol                              | —                              | 131983-72-7                      | Aquatic Chronic 2   | H411   | GHS09                              | H411   |   |  |          |
| 613-283-00-6   | ketoconazole;<br>1-[4-[4-[[[(2SR,4RS)-2-(2,4-dichlorophenyl)-2-(imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazin-1-yl]ethanone | 265-667-4                      | 65277-42-1                       | Repr. 1B<br>Acute Tox. 3 *<br>STOT RE 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1                             | H360F***<br>H301<br>H373**<br>H400<br>H410           | GHS06<br>GHS08<br>GHS09<br>Dgr     | H360F***<br>H301<br>H373**<br>H410                   |   |  |          |
| 613-284-00-1   | metconazole (ISO);<br>(1RS,5RS;1RS,5SR)-5-(4-chlorobenzyl)-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol                          | —                              | 125116-23-6                      | Repr. 2<br>Acute Tox. 4 *<br>Aquatic Chronic 2  | H361d***<br>H302<br>H411                             | GHS08<br>GHS07<br>GHS09<br>Wng     | H361d***<br>H302<br>H411                             |   |  |          |
| 613-285-00-7   | 1-hydroxybenzotriazole, anhydrous; [1]<br>1-hydroxybenzotriazole, monohydrated [2]  | 219-989-7 [1]<br>219-989-7 [2] | 2592-95-2 [1]<br>123333-53-9 [2] | Expl. 1.3   | H203   | GHS01<br>Dgr                       | H203   |   |  |          |



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|----------------|--|-----------|-------------|--|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie                            | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 613-286-00-2   | potassium 1-methyl-3-morpholinocarbonyl-4-[3-(1-methyl-3-morpholinocarbonyl-5-oxo-2-pyrazolin-4-ylidene)-1-propenyl]pyrazole-5-olate; [containing < 0,5 % N,N-dimethylformamide (EC no 200-679-5)] | 418-260-2 | 183196-57-8 | Skin Sens. 1   | H317                          | GHS07<br>Wng                       | H317                          |   |  |          |
| 613-286-01-X   | potassium 1-methyl-3-morpholinocarbonyl-4-[3-(1-methyl-3-morpholinocarbonyl-5-oxo-2-pyrazolin-4-ylidene)-1-propenyl]pyrazole-5-olate; [containing ≥ 0,5 % N,N-dimethylformamide (EC No 200-679-5)] | 418-260-2 | 183196-57-8 | Repr. 1B<br>Skin Sens. 1   | H360D***<br>H317              | GHS08<br>GHS07<br>Dgr              | H360D***<br>H317              |   |  |          |
| 613-287-00-8   | 1-(3-iodo-4-aminobenzyl)-1H-1,2,4-triazole   | 419-540-7 | 160194-26-3 | Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Chronic 2                | H302<br>H317<br>H411          | GHS07<br>GHS09<br>Wng              | H302<br>H317<br>H411          |   |  |          |
| 613-288-00-3   | 1,3-bis(dimethylcarbamoyl)-imidazolium chloride  | 420-930-4 | 135756-61-5 | Acute Tox. 4 *<br>Eye Dam. 1<br>Aquatic Chronic 3                  | H302<br>H318<br>H412          | GHS05<br>GHS07<br>Dgr              | H302<br>H318<br>H412          |   |  |          |
| 613-289-00-9   | 3-(4-chloro-2-fluoro-5-methylphenyl)-1-methyl-5-(trifluoromethyl)-1H-pyrazole  | 432-020-4 | 142623-48-1 | Aquatic Acute 1<br>Aquatic Chronic 1                               | H400<br>H410                  | GHS09<br>Wng                       | H410                          |   |  |          |
| 613-290-00-4   | 4-hydroxy-7-(2-aminoethyl)-1,3-benzothiazol-2(3H)-one hydrochloride  | 432-470-1 | 189012-93-9 | Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H318<br>H317<br>H400<br>H410  | GHS05<br>GHS07<br>GHS09<br>Dgr     | H318<br>H317<br>H410          |   |  |          |
| 613-291-00-X   | 2,4-dihydro-4-(4-(4-(4-hydroxyphenyl)-1-piperazinyl)phenyl)-2-(1-methylpropyl)-3H-1,2,4-triazol-3-one  | 434-820-9 | 106461-41-0 | STOT RE 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1                | H373**<br>H400<br>H410        | GHS08<br>GHS09<br>Wng              | H373**<br>H410                |   |  |          |
| 613-292-00-5   | N,N',N"-tris(2-methyl-2,3-epoxypropyl)-perhydro-2,4,6-oxo-1,3,5-triazine   | 435-010-8 | 26157-73-3  | Muta. 2<br>Aquatic Chronic 3                                       | H341<br>H412                  | GHS08<br>Wng                       | H341<br>H412                  |   |  |          |

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|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie             | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 613-293-00-0   | 2-(4- <i>tert</i> -butylphenyl)-6-cyano-5-[bis(ethoxycarbonylmethyl)carbamoyloxy]-1 <i>H</i> -pyrrolo[1,2- <i>b</i> ][1,2,4] triazole-7-carboxylic acid 2,6-di- <i>tert</i> -butyl-4-methylcyclohexylester | 448-050-6 | 444065-11-6 | Aquatic Chronic 4                                   | H413                          | —                                  | H413                          |   |  |          |
| 613-294-00-6   | 2-hexyldecanoic acid [4-(6- <i>tert</i> -butyl-7-chloro-1 <i>H</i> -pyrazolo[1,5- <i>b</i> ][1,2,4]triazol-2-yl)phenylcarbamoyl]methylester  | 448-260-8 | 379268-96-9 | Aquatic Chronic 4                                   | H413                          | —                                  | H413                          |   |  |          |
| 613-295-00-1   | 11-amino-3-chloro-6,11-dihydro-5,5-dioxo-6-methyl-dibenzo[ <i>c,f</i> ][1,2]thiazepine hydrochloride   | 448-720-8 | 363138-44-7 | Acute Tox. 4 *<br>Eye Dam. 1<br>Aquatic Chronic 3   | H302<br>H318<br>H412          | GHS05<br>GHS07<br>Dgr              | H302<br>H318<br>H412          |   |  |          |
| 613-296-00-7   | pentapotassium 2-(4-(5-[1-(2,5-disulfonatophenyl)-4,5-dihydro-3-methylcarbamoyl-5-oxopyrazol-4-ylidene]-3-methyl-1,3-pentadienyl)-3-methylcarbamoyl-5-oxidopyrazol-1-yl)benzene-1,4-disulfonate            | 418-270-7 | —           | Skin Sens. 1<br>Aquatic Chronic 3                   | H317<br>H412                  | GHS07<br>Wng                       | H317<br>H412                  |   |  |          |
| 613-297-00-2   | 5-(2-bromophenyl)-2- <i>tert</i> -butyl-2 <i>H</i> -tetrazole  | 420-820-6 | —           | Flam. Liq. 3<br>Acute Tox. 4 *<br>Aquatic Chronic 2 | H226<br>H302<br>H411          | GHS02<br>GHS07<br>GHS09<br>Wng     | H226<br>H302<br>H411          |   |  |          |
| 613-298-00-8   | bis-(6-hydroxy-4-methyl-5-(3-methylimidazolium-1-yl)-3-(4-phenylazo)-1 <i>H</i> -pyridin-2-one)ethylene dilactate  | 421-560-6 | —           | STOT RE 2 *<br>Eye Dam. 1<br>Aquatic Chronic 2      | H373**<br>H318<br>H411        | GHS05<br>GHS08<br>GHS09<br>Dgr     | H373**<br>H318<br>H411        |   |  |          |

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|----------------|---|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 613-299-00-3   | main component 1 (isomer 1): 2-(6-fluoro-4-[3-(2,5-disulfo-phenylazo)-4-hydroxy-2-sulfonaphth-7-ylamino]-1,3,5-triazin-2-ylamino)-3-(6-fluoro-4-[3-(1,5-disulfonaphth-2-ylazo)-4-hydroxy-2-sulfonaphth-7-ylamino]-1,3,5-triazin-2-ylamino)-propane sodium salt;<br>main component 1 (isomer 2): 2-(6-fluoro-4-[3-(2,5-disulfo-phenylazo)-4-hydroxy-2-sulfonaphth-7-ylamino]-1,3,5-triazin-2-ylamino)-3-(6-fluoro-4-[3-(2,5-disulfo-phenylazo)-4-hydroxy-2-sulfonaphth-7-ylamino]-1,3,5-triazin-2-ylamino)-propane sodium salt;<br>main component 2: 2,3-bis-(6-fluoro-4-[3-(2,5-disulfo-phenylazo)-4-hydroxy-2-sulfonaphth-7-ylamino]-1,3,5-triazin-2-ylamino)-propane sodium salt;<br>main component 3: 2,3-bis-(6-fluoro-4-[3-(1,5-disulfonaphth-2-ylazo)-4-hydroxy-2-sulfonaphth-7-ylamino]-1,3,5-triazin-2-ylamino)-propane sodium salt | 422-610-1 | —           | Eye Dam. 1                              | H318                          | GHS05<br>Dgr                       | H318                          |   |  |          |
| 613-300-00-7   | 1-imidazol-1-yl-octadecan-2-ol  | 434-120-3 | —           | Skin Sens. 1<br>Aquatic Chronic 4       | H317<br>H413                  | GHS07<br>Wng                       | H317<br>H413                  |   |  |          |
| 613-301-00-2   | dimethyl-1-([2-methoxy-5-(2-methyl-butoxycarbonyl)phenylcarbamoyl]-[2-octadecyl-1,1-dioxo-1,2,4-benzothiadiazin-3-yl]methyl)imidazole-4,5-dicarboxylate   | 443-910-7 | —           | Aquatic Chronic 4                       | H413                          | —                                  | H413                          |   |  |          |
| 613-302-00-8   | disodium 2-(5-carbamoyl-1-ethyl-2-hydroxy-4-methyl-6-oxo-1,6-dihydro-pyridine-3-ylazo)-4-(4-fluoro-6-(4-(2-sulfonyloxy-ethylsulfonyl)-phenylamino)-1,3,5-triazine-2-ylamino)benzene sulfonate   | 432-980-4 | 243858-60-8 | Eye Dam. 1                              | H318                          | GHS05<br>Dgr                       | H318                          |   |  |          |

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|----------------|---|-----------|-------------|--|--------------------------------------|------------------------------------|--------------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení        | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení        | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 613-303-00-3   | 2-(1-methyl-2-(4-phenoxyphenoxy)ethoxy)pyridine   | 429-800-1 | 95737-68-1  | Aquatic Acute 1<br>Aquatic Chronic 1   | H400<br>H410                         | GHS09<br>Wng                       | H410                                 |   |  |          |
| 613-304-00-9   | 5,6-dihydroxy-2,3-dihydro-1H-indolium bromide   | 421-170-6 | 138937-28-7 | Acute Tox. 4 *<br>Eye Dam. 1   | H302<br>H318                         | GHS05<br>GHS07<br>Dgr              | H302<br>H318                         |   |  |          |
| 613-305-00-4   | 2-(2-hydroxy-4-octyloxyphenyl)-2H-benzotriazole   | 448-630-9 | 3147-77-1   | Aquatic Chronic 4  | H413                                 | —                                  | H413                                 |   |  |          |
| 613-306-00-X   | (2,5-dioxopyrrolidin-1-yl)-9H-fluoren-9-ylmethyl carbonate  | 433-520-5 | 82911-69-1  | Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Chronic 2                                  | H302<br>H317<br>H411                 | GHS07<br>GHS09<br>Wng              | H302<br>H317<br>H411                 |   |  |          |
| 613-307-00-5   | clothianidin (ISO);<br>3-[(2-chloro-1,3-thiazol-5-yl)methyl]-2-methyl-1-nitroguanidine              | —         | 210880-92-5 | Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1                               | H302<br>H400<br>H410                 | GHS07<br>GHS09<br>Wng              | H302<br>H410                         |   | M=10                                     |          |
| 613-308-00-0   | 2-amino-5-methylthiazole  | 423-800-5 | 7305-71-7   | Acute Tox. 4 *<br>STOT RE 2 *<br>Aquatic Acute 1<br>Aquatic Chronic 1                | H302<br>H373**<br>H400<br>H410       | GHS08<br>GHS07<br>GHS09<br>Wng     | H302<br>H373**<br>H410               |   |  |          |
| 613-309-00-6   | 1-methyl-3-phenyl-1-piperazine  | 431-180-2 | 5271-27-2   | Acute Tox. 4 *<br>Acute Tox. 4 *<br>Skin Irrit. 2<br>Eye Dam. 1<br>Aquatic Chronic 3 | H312<br>H302<br>H315<br>H318<br>H412 | GHS05<br>GHS07<br>Dgr              | H312<br>H302<br>H315<br>H318<br>H412 |   |  |          |
| 613-310-00-1   | (-)(3S,4R)-4-(4-fluorophenyl)-3-(3,4-methylenedioxy-phenoxy)methyl-N-benzylpiperidine hydrochloride | 432-360-3 | 105813-13-6 | Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1               | H302<br>H317<br>H400<br>H410         | GHS07<br>GHS09<br>Wng              | H302<br>H317<br>H410                 |   |  |          |
| 613-311-00-7   | methyl-5-nitrophenyl-guanidine  | 435-500-1 | 152460-07-6 | Acute Tox. 4 *<br>Eye Irrit. 2<br>Skin Sens. 1<br>Aquatic Chronic 3                  | H302<br>H319<br>H317<br>H412         | GHS07<br>Wng                       | H302<br>H319<br>H317<br>H412         |   |  |          |
| 613-312-00-2   | 2-(4-methyl-2-phenyl-1-piperaziny)benzenemethanol mono-hydrochloride                                | 420-200-5 | —           | Acute Tox. 4 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 3                    | H302<br>H318<br>H317<br>H412         | GHS05<br>GHS07<br>Dgr              | H302<br>H318<br>H317<br>H412         |   |  |          |

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|----------------|--|-----------|-------------|---|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 613-313-00-8   | 2-(4-(4-(3-pyridinyl)-1H-imidazol-1-yl)butyl)-1H-isoindole-1,3(2H)-dione   | 442-780-9 | 173838-67-0 | Aquatic Chronic 3                       | H412                          | —                                  | H412                          |   |  |          |
| 613-314-00-3   | 4-decyloxazolidin-2-one;<br>4-decyl-1,3-oxazolidin-2-one   | 443-770-7 | 7693-82-5   | Aquatic Acute 1<br>Aquatic Chronic 1    | H400<br>H410                  | GHS09<br>Wng                       | H410                          |   |  |          |
| 613-315-00-9   | tetrapotassium 4-[5-[3-carboxylato-4,5-dihydro-5-oxo-1-(4-sulfonatophenyl)pyrazol-4-ylidene]-3-(piperidinocarbonyl)penta-1,3-dienylidene]-5-hydroxy-1-(4-sulfonatophenyl)pyrazole-3-carboxylate      | 430-390-1 | —           | Acute Tox. 4 *<br>Aquatic Chronic 3     | H332<br>H412                  | GHS07<br>Wng                       | H332<br>H412                  |   |  |          |
| 613-316-00-4   | trimethylpropane tri(3-aziridinylpropanoate);<br>(TAZ)   | 257-765-0 | 52234-82-9  | Muta. 2<br>Eye Dam. 1<br>Skin Sens. 1   | H341<br>H318<br>H317          | GHS05<br>GHS08<br>GHS07<br>Dgr     | H341<br>H318<br>H317          |   |  | H        |
| 615-033-00-1   | reaction product of diphenylmethane-diisocyanate, octylamine, oleylamine and cyclohexylamine (1:1.58:0.32:0.097)   | 430-980-9 | —           | Aquatic Chronic 4                       | H413                          | —                                  | H413                          |   |  |          |
| 615-034-00-7   | reaction product of diphenylmethane-diisocyanate, octylamine, 4-ethoxyaniline and ethylenediamine (1:0,37:1,53:0,05)   | 430-750-8 | —           | Aquatic Chronic 4                       | H413                          | —                                  | H413                          |   |  |          |
| 615-035-00-2   | reaction product of diphenylmethane-diisocyanate, octylamine and oleylamine (molar ratio 1:1.86:0.14)  | 430-930-6 | 122886-55-9 | Aquatic Chronic 4                       | H413                          | —                                  | H413                          |   |  |          |
| 615-036-00-8   | reaction product of diphenylmethane-diisocyanate, toluenediisocyanate (reaction of isomers: 65 % 2,4- and 35 % 2,6-diisocyanate), octylamine, oleylamine and 4-ethoxyaniline (molar ratio 4:1:7:1:2) | 430-940-0 | —           | Aquatic Chronic 4                       | H413                          | —                                  | H413                          |   |  |          |
| 615-037-00-3   | reaction product of diphenylmethane-diisocyanate, toluenediisocyanate (reaction mass of isomers: 65 % 2,4- and 35 % 2,6-diisocyanate), octylamine and oleylamine (molar ratio 4:1:9:1)               | 430-950-5 | —           | Aquatic Chronic 4                       | H413                          | —                                  | H413                          |   |  |          |

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|----------------|---|-----------|-------------|---|--|---|--|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení                                | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení                        | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 615-038-00-9   | reaction product of toluenediisocyanate (reaction mass of isomers: 65 % 2,4- and 35 % 2,6-diisocyanate) and aniline (molarratio 1:2)  | 430-960-1 | —           | Aquatic Chronic 4   | H413   | —                                       | H413   |   |  |          |
| 615-039-00-4   | reaction product of diphenylmethanediiisocyanate, toluenediisocyanate (reaction mass of isomers: 65 % 2,4- and 35 % 2,6-diisocyanate), octylamine, oleylamine and 4-ethoxyaniline (molar ratio 3.88:1:6.38:0.47:2.91) | 430-970-4 | —           | Aquatic Chronic 4   | H413   | —                                       | H413   |   |  |          |
| 615-044-00-1   | 4-chlorophenylisocyanate  | 203-176-9 | 104-12-1    | Acute Tox. 2 *<br>Acute Tox. 4 *<br>STOT SE 3<br>Skin Irrit. 2<br>Eye Dam. 1<br>Resp. Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H330<br>H302<br>H335<br>H315<br>H318<br>H334<br>H400<br>H410 | GHS06<br>GHS05<br>GHS08<br>GHS09<br>Dgr | H330<br>H302<br>H335<br>H315<br>H318<br>H334<br>H410 |   |  |          |
| 615-045-00-7   | 4,4'-methylene bis(3-chloro-2,6-diethylphenylisocyanate)  | 420-530-1 | —           | Resp. Sens. 1<br>Skin Sens. 1<br>Aquatic Chronic 4  | H334<br>H317<br>H413   | GHS08<br>Dgr                            | H334<br>H317<br>H413                                 |   |  |          |
| 616-107-00-6   | cinidon ethyl (ISO); ethyl (Z)-2-chloro-3-[2-chloro-5-(cyclohex-1-ene-1,2-dicarboximido)phenyl]acrylate   | —         | 142891-20-1 | Carc. 2<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1   | H351<br>H317<br>H400<br>H410                                 | GHS08<br>GHS07<br>GHS09<br>Wng          | H351<br>H317<br>H410                                 |   |  |          |
| 616-122-00-8   | methyl neodecanamide  | 414-460-9 | 105726-67-8 | Acute Tox. 4 *  | H302   | GHS07<br>Wng                            | H302   |   |  |          |
| 616-126-00-X   | 1-methyl-4-nitro-3-propyl-1H-pyrazole-5-carboxamide   | 423-960-6 | 139756-01-7 | Acute Tox. 4 *<br>STOT RE 2 *<br>Aquatic Chronic 3  | H302<br>H373**<br>H412                                       | GHS08<br>GHS07<br>Wng                   | H302<br>H373**<br>H412                               |   |  |          |
| 616-131-00-7   | 1-aminocyclopentanecarboxamide  | 422-950-9 | 17193-28-1  | STOT RE 1<br>Acute Tox. 4 *<br>Eye Dam. 1   | H372**<br>H302<br>H318                                       | GHS05<br>GHS08<br>GHS07<br>Dgr          | H372**<br>H302<br>H318                               |   |  |          |

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|----------------|--|-----------|-------------|--|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie                                | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 616-136-00-4   | reaction product of cocoalkyldiethanolamides and cocoalkylmonoglycerides and molybdenumtrioxide (1.75-2.2:0.75-1.0:0.1-1.1)    | 430-380-7 | —           | Aquatic Chronic 2  | H411                          | GHS09                              | H411                          |   |  |          |
| 616-137-00-X   | 4-dichloroacetyl-1-oxa-4-azaspiro [4,5]decane  | 401-130-4 | 71526-07-3  | Skin Sens. 1<br>Aquatic Chronic 2                                      | H317<br>H411                  | GHS07<br>GHS09<br>Wng              | H317<br>H411                  |   |  |          |
| 616-138-00-5   | benzoic acid, <i>N</i> - <i>tert</i> -butyl- <i>N'</i> -(4-chlorobenzoyl)hydrazide   | 431-600-4 | 112226-61-6 | Skin Sens. 1<br>Aquatic Chronic 2                                      | H317<br>H411                  | GHS07<br>GHS09<br>Wng              | H317<br>H411                  |   |  |          |
| 616-139-00-0   | (3 <i>S</i> ,4 <i>aS</i> ,8 <i>aS</i> )- <i>N</i> - <i>tert</i> -butyldecahydro-3-isoquinolinecarboxamide                      | 420-380-5 | 136465-81-1 | Acute Tox. 4 *<br>Eye Dam. 1<br>Aquatic Chronic 3                      | H302<br>H318<br>H412          | GHS05<br>GHS07<br>Dgr              | H302<br>H318<br>H412          |   |  |          |
| 616-140-00-6   | <i>N,N'</i> -(methylenedi-4,1-phenylene)bis[ <i>N'</i> -(4-methylphenyl)urea]  | 429-380-1 | 133336-92-2 | Skin Sens. 1<br>Aquatic Chronic 4                                      | H317<br>H413                  | GHS07<br>Wng                       | H317<br>H413                  |   |  |          |
| 616-141-00-1   | zoxamide (ISO);<br>( <i>RS</i> )-3,5-dichloro- <i>N</i> -(3-chloro-1-ethyl-1-methyl-2-oxopropyl)- <i>p</i> -toluamide          | —         | 156052-68-5 | Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1                   | H317<br>H400<br>H410          | GHS07<br>GHS09<br>Wng              | H317<br>H410                  |   | M=10                                     |          |
| 616-144-00-8   | 3,4-dichloro- <i>N</i> -[5-chloro-4-[2-[4-dodecyloxyphenylsulfonyl]butyramido]-2-hydroxyphenyl]benzamide                       | 431-130-1 | —           | Aquatic Chronic 4  | H413                          | —                                  | H413                          |   |  |          |
| 616-145-00-3   | pethoxamide (ISO);<br>2-chloro- <i>N</i> -(2-ethoxyethyl)- <i>N</i> -(2-methyl-1-phenylprop-1-enyl)acetamide                   | —         | 106700-29-2 | Acute Tox. 4 *<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H302<br>H317<br>H400<br>H410  | GHS07<br>GHS09<br>Wng              | H302<br>H317<br>H410          |   | M=100                                    |          |
| 616-146-00-9   | <i>N</i> -(2-methoxy-5-octadecanoylamino)phenyl)-2-(3-benzyl-2,5-dioxoimidazolidin-1-yl)-4,4-dimethyl-3-oxopentanoic acidamide | 431-330-7 | 142776-95-2 | Aquatic Chronic 4  | H413                          | —                                  | H413                          |   |  |          |
| 616-147-00-4   | 1-methyl-4-(2-methyl-2 <i>H</i> -tetrazol-5-yl)-1 <i>H</i> -pyrazole-5-sulfonamide   | 424-160-1 | 139481-22-4 | Acute Tox. 4 *<br>Aquatic Chronic 3                                    | H302<br>H412                  | GHS07<br>Wng                       | H302<br>H412                  |   |  |          |

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|----------------|--|-----------|-------------|--|--------------------------------|---|--------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie                            | Kód(y) výstražných upozornení  | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení  | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 616-148-00-X   | N-[6,9-dihydro-9-[[2-hydroxy-1-(hydroxymethyl)ethoxy]methyl]-6-oxo-1H-purin-2-yl]acetamide                               | 424-550-1 | 84245-12-5  | Carc. 1B<br>Muta. 1B<br>Repr. 1B                                   | H350<br>H340<br>H360FD         | GHS08<br>Dgr                            | H350<br>H340<br>H360FD         |   |  |          |
| 616-150-00-0   | (2R,3S)-N-(3-amino-2-hydroxy-4-phenylbutyl)-N-isobutyl-4-nitrobenzenesulfonamide hydrochloride                           | 425-260-6 | —           | STOT RE 2 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 2     | H373**<br>H318<br>H317<br>H411 | GHS05<br>GHS08<br>GHS07<br>GHS09<br>Dgr | H373**<br>H318<br>H317<br>H411 |   |  |          |
| 616-151-00-6   | N-(2-amino-4,6-dichloropyrimidin-5-yl)formamide  | 425-650-6 | 171887-03-9 | Acute Tox. 4 *<br>Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Chronic 3  | H302<br>H318<br>H317<br>H412   | GHS05<br>GHS07<br>Dgr                   | H302<br>H318<br>H317<br>H412   |   |  |          |
| 616-152-00-1   | 4-(4-fluorophenyl)-2-(2-methyl-1-oxopropyl)-4-oxo-3, N-diphenylbutanamide  | 425-850-3 | 125971-96-2 | Aquatic Chronic 4  | H413                           | —                                       | H413                           |   |  |          |
| 616-153-00-7   | 4-methyl-3-oxo-N-phenyl-2-(phenylmethylene)pentanamide   | 425-860-8 | 125971-57-5 | Skin Sens. 1<br>Aquatic Chronic 2                                  | H317<br>H411                   | GHS07<br>GHS09<br>Wng                   | H317<br>H411                   |   |  |          |
| 616-154-00-2   | 3,4-dichloro-N-[5-chloro-4-[2-[4-(hexadecyloxy)phenylsulfonyl]butyramido]-2-hydroxyphenyl]benzamide                      | 431-110-0 | —           | Aquatic Chronic 4  | H413                           | —                                       | H413                           |   |  |          |
| 616-155-00-8   | N,N,N',N'-tetracyclohexyl-1,3-benzenedicarboxamide   | 431-040-0 | 104560-40-9 | Aquatic Acute 1<br>Aquatic Chronic 1                               | H400<br>H410                   | GHS09<br>Wng                            | H410                           |   |  |          |
| 616-156-00-3   | 6-(2-chloro-6-cyano-4-nitrophenylazo)-4-methoxy-3-[N-(methoxycarbonylmethyl)-N-(1-methoxycarbonylethyl)amino]acetanilide | 430-500-8 | 204277-61-2 | Aquatic Chronic 4  | H413                           | —                                       | H413                           |   |  |          |
| 616-157-00-9   | 3-amino-4-hydroxy-N-(3-isopropoxypropyl)benzenesulfonamide hydrochloride   | 427-780-9 | 114565-70-7 | Acute Tox. 4 *<br>Eye Dam. 1<br>Aquatic Acute 1<br>Aquatic Chronic | H302<br>H318<br>H400<br>H410   | GHS05<br>GHS07<br>GHS09<br>Dgr          | H302<br>H318<br>H410           |   |  |          |
| 616-158-00-4   | N-[4-cyano-3-trifluoromethylphenyl]methacrylamide  | 427-880-2 | 90357-53-2  | STOT RE 2 *<br>Aquatic Chronic 2                                   | H373**<br>H411                 | GHS08<br>GHS09<br>Wng                   | H373**<br>H411                 |   |  |          |



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|----------------|---|-----------|-------------|--|--|------------------------------------|----------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie                                      | Kód(y) výstražných upozornení            | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení    | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 616-160-00-5   | 2,2'-azobis[N-(2-hydroxyethyl)-2-methylpropionamide]  | 429-090-3 | 61551-69-7  | Skin Sens. 1<br>Aquatic Chronic 3  | H317<br>H412                             | GHS07<br>Wng                       | H317<br>H412                     |   |  |          |
| 616-161-00-0   | 2,4-dichloro-5-hydroxyacetanilide   | 429-110-0 | 67669-19-6  | Aquatic Chronic 3  | H412                                     | —                                  | H412                             |   |  |          |
| 616-162-00-6   | isostearic acid monoisopropanolamide  | 431-540-9 | —           | Skin Irrit. 2<br>Aquatic Chronic 2   | H315<br>H411                             | GHS07<br>GHS09<br>Wng              | H315<br>H411                     |   |  |          |
| 616-163-00-1   | 4,4'-methylenebis[N-(4-chlorophenyl)-3-hydroxynaphthalene-2-carboxamide]  | 430-350-3 | 192463-88-0 | Aquatic Chronic 4  | H413                                     | —                                  | H413                             |   |  |          |
| 616-164-00-7   | dimoxystrobin (ISO);<br>(E)-2-(methoxyimino)-N-methyl-2-[α-(2,5-xylyloxy)-o-tolyl]acetamide   | —         | 149961-52-4 | Carc. 2<br>Repr. 2<br>Acute Tox. 4 *<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H351<br>H361d***<br>H332<br>H400<br>H410 | GHS08<br>GHS07<br>GHS09<br>Wng     | H351<br>H361d***<br>H332<br>H410 |   | M=10                                     |          |
| 616-165-00-2   | beflubutamid (ISO);<br>(RS)-N-benzyl-2-(α,α,α,4-tetrafluorom-tolyloxy)butyramide  | —         | 113614-08-7 | Aquatic Acute 1<br>Aquatic Chronic 1   | H400<br>H410                             | GHS09<br>Wng                       | H410                             |   | M=100                                    |          |
| 616-166-00-8   | cyazofamid (ISO);<br>4-chloro-2-cyano-N,N-dimethyl-5-p-tolyimidazole-1-sulfonamide  | —         | 120116-88-3 | Aquatic Acute 1<br>Aquatic Chronic 1   | H400<br>H410                             | GHS09<br>Wng                       | H410                             |   | M=10                                     |          |
| 616-167-00-3   | N,N-dibutyl-(2,5-dihydro-5-thioxo-1H-tetrazol-1-yl)acetamide  | 418-290-6 | 168612-06-4 | Eye Irrit. 2<br>Skin Sens. 1   | H319<br>H317                             | GHS07<br>Wng                       | H319<br>H317                     |   |  |          |
| 616-168-00-9   | 1-dimethylcarbamoyl-4-(2-sulfonatoethyl)pyridinium  | 418-440-0 | 136997-71-2 | Skin Sens. 1   | H317                                     | GHS07<br>Wng                       | H317                             |   |  |          |
| 616-169-00-4   | 4-[4-(2,2-dimethylpropanamido)]phenylazo-3-(2-chloro-5-(2-(3-pentadecylphenoxy)butylamido)anilino)-1-(2,4,6-trichlorophenyl)-2-pyrazoline-5-one | 420-220-4 | 92771-56-7  | Skin Sens. 1<br>Aquatic Chronic 4  | H317<br>H413                             | GHS07<br>Wng                       | H317<br>H413                     |   |  |          |
| 616-170-00-X   | (2R)-2-amino-2-phenylacetamide  | 420-370-0 | 6485-67-2   | Eye Irrit. 2<br>Skin Sens. 1   | H319<br>H317                             | GHS07<br>Wng                       | H319<br>H317                     |   |  |          |
| 616-171-00-5   | 2-(para-chlorophenyl)glycineamide   | 420-830-0 | 102333-75-5 | Eye Dam. 1<br>Skin Sens. 1   | H318<br>H317                             | GHS05<br>GHS07<br>Dgr              | H318<br>H317                     |   |  |          |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.      | Klasifikácia   |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|---|-----------|-------------|--|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie                            | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 616-172-00-0   | N-(2,2,6,6-tetrametyl-1-oxylpiperidin-4-yl)acetamide;<br>(4-acetamido-2,2,6,6-tetrametyl-1-piperidinyloxidanyl  | 423-840-3 | 14691-89-5  | Acute Tox. 4 *   | H302                          | GHS07<br>Wng                       | H302                          |   |  |          |
| 616-174-00-1   | 2-butyl-1,3-diazaspiro[4.4]non-1-en-4-one hydrochloride   | 424-560-4 | 151257-01-1 | Acute Tox. 4 *<br>Eye Irrit. 2                                     | H302<br>H319                  | GHS07<br>Wng                       | H302<br>H319                  |   |  |          |
| 616-175-00-7   | 2-(2-hexyldecyloxy)benzamide  | 431-230-3 | 202483-62-3 | Aquatic Chronic 4  | H413                          | —                                  | H413                          |   |  |          |
| 616-176-00-2   | 3-N,N-bis(methoxyethyl)aminoacetanilide   | 432-530-7 | 24294-01-7  | Acute Tox. 4 *<br>Aquatic Chronic 3                                | H302<br>H412                  | GHS07<br>Wng                       | H302<br>H412                  |   |  |          |
| 616-177-00-8   | (3-(4-(2-(butyl-(4-methylphenylsulfonyl)amino)phenylthio)-5-oxo-1-(2,4,6-trichlorophenyl)-4,5-dihydro-1H-pyrazole-3-ylamino)-4-chlorophenyl)tetradecanamide;<br>N-[3-({4-[(2-{butyl[(4-methylphenylsulfonyl)amino]phenylthio)-5-oxo-1-(2,4,6-trichlorophenyl)-4,5-dihydro-1H-pyrazol-3-yl]amino)-4-chlorophenyl]tetradecanamide | 432-970-1 | 217324-98-6 | Aquatic Chronic 4  | H413                          | —                                  | H413                          |   |  |          |
| 616-178-00-3   | N-(5-(bis(2-methoxyethyl)amino)-2-((2-cyano-4,6-dinitrophenyl)azo)phenyl)acetamide  | 434-500-9 | 52583-35-4  | Aquatic Chronic 4  | H413                          | —                                  | H413                          |   |  |          |
| 616-179-00-9   | 2-chloro-N-(4-methylphenyl)acetamide  | 435-170-9 | 16634-82-5  | Eye Dam. 1<br>Skin Sens. 1<br>Aquatic Acute 1<br>Aquatic Chronic 1 | H318<br>H317<br>H400<br>H410  | GHS05<br>GHS07<br>GHS09<br>Dgr     | H318<br>H317<br>H410          |   |  |          |
| 616-180-00-4   | N,N-(dimethylamino)thioacetamide hydrochloride  | 435-470-1 | 27366-72-9  | Repr. 1B<br>Aquatic Acute 1<br>Aquatic Chronic 1                   | H360D***<br>H400<br>H410      | GHS08<br>GHS09<br>Dgr              | H360D***<br>H410              |   |  |          |
| 616-181-00-X   | 4'-methyldecane-1-sulfonanilide   | 435-490-9 | 17417-32-2  | Aquatic Acute 1<br>Aquatic Chronic 1                               | H400<br>H410                  | GHS09<br>Wng                       | H410                          |   |  |          |
| 616-182-00-5   | N'-(1,3-dimethylbutylidene)-3-hydroxy-2-naphthohydrazide  | 435-860-1 | 214417-91-1 | Skin Sens. 1<br>Aquatic Chronic 2                                  | H317<br>H411                  | GHS07<br>GHS09<br>Wng              | H317<br>H411                  |   |  |          |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.      | Klasifikácia   |                                      | Označovanie                        |                                      |   | Špecifické koncentračné limity M-faktory | Poznámky |
|----------------|---|-----------|-------------|--|--------------------------------------|------------------------------------|--------------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie  | Kód(y) výstražných upozornení        | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení        | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 616-183-00-0   | N-dodecyl-4-methoxybenzamide  | 442-340-6 | 1854-15-5   | Aquatic Chronic 4  | H413                                 | —                                  | H413                                 |   |  |          |
| 616-184-00-6   | 3-methyl-N-(5,8,13,14-tetrahydro-5,8,14-trioxonaphth[2,3-c]acridin-6-yl)benzamide   | 442-560-2 | 105043-55-8 | Aquatic Chronic 4  | H413                                 | —                                  | H413                                 |   |  |          |
| 616-186-00-7   | N,N'-(2-chloro-1,4-phenylene)bis(3-oxobutaneamide)  | 443-010-4 | 53641-10-4  | Aquatic Chronic 3  | H412                                 | —                                  | H412                                 |   |  |          |
| 616-188-00-8   | 2-(5,5-dimethyl-2,4-dioxooxazolidin-3-yl)-4,4-dimethyl-3-oxo-N-(2-methoxy-5-octadecanoylamino-phenyl)pentanoic acid amide                                   | 443-980-9 | 221215-20-9 | Skin Sens. 1<br>Aquatic Chronic 4  | H317<br>H413                         | GHS07<br>Wng                       | H317<br>H413                         |   |  |          |
| 616-189-00-3   | N-[5-(bis-(2-methoxy-ethyl)-amino)-2-(6-bromo-2-methyl-1,3-dioxo-2,3-dihydro-1H-isoindol-5-ylazo)-phenyl]acetamide  | 444-780-4 | 452962-97-9 | Aquatic Chronic 4  | H413                                 | —                                  | H413                                 |   |  |          |
| 616-190-00-9   | N-decyl-4-nitrobenzamide  | 445-880-0 | 64026-19-3  | Aquatic Chronic 4  | H413                                 | —                                  | H413                                 |   |  |          |
| 616-191-00-4   | 2-ethyl-N-methyl-N-(3-methylphenyl)butanamide   | 446-190-2 | 406488-30-0 | Acute Tox. 4 *<br>Eye Irrit. 2<br>Skin Irrit. 2<br>Skin Sens. 1<br>Aquatic Chronic 2 | H302<br>H319<br>H315<br>H317<br>H411 | GHS07<br>GHS09<br>Wng              | H302<br>H319<br>H315<br>H317<br>H411 |   |  |          |
| 616-192-00-X   | 2-[2-(3-butoxypropyl)-1,1-dioxo-1,2,4-benzothiadiazin-3-yl]-5'-tert-butyl-2-(5,5-dimethyl-2,4-dioxo-1,3-oxazolidin-3-yl)-2'-[(2-ethylhexyl)thio]acetanilide | 448-060-0 | 727678-39-9 | Aquatic Chronic 4  | H413                                 | —                                  | H413                                 |   |  |          |
| 616-193-00-5   | N-[2-(2-butyl-4,6-dicyano-1,3-dioxo-2,3-dihydro-1H-isoindol-5-ylazo)-5-diethylamino-phenyl]acetamide  | 449-940-7 | 368450-39-9 | Aquatic Chronic 4  | H413                                 | —                                  | H413                                 |   |  |          |
| 616-194-00-0   | 2,2-diethoxy-N,N-dimethylacetamide  | 449-950-1 | 34640-92-1  | Eye Irrit. 2   | H319                                 | GHS07<br>Wng                       | H319                                 |   |  |          |
| 616-196-00-1   | disodium salt of 1-hydroxy-4-(β-(4-(1-hydroxy-3,6-disulfo-8-acetylamino-2-naphthylazo)phenoxy)ethoxy)-N-dodecyl-2-naphthamide                               | 419-990-4 | —           | Aquatic Acute 1<br>Aquatic Chronic 1   | H400<br>H410                         | GHS09<br>Wng                       | H410                                 |   |  |          |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.      | Klasifikácia                                 |                               | Označovanie                        |                               |   | Špecifické koncentračné limity M-factory | Poznámky |
|----------------|--|-----------|-------------|--|-------------------------------|------------------------------------|-------------------------------|---|--|----------|
|                |  |           |             | Trieda nebezpečnosti a kód(y) kategórie      | Kód(y) výstražných upozornení | Piktogram, kód(y) výstražných slov | Kód(y) výstražných upozornení | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 616-197-00-7   | reaction mass of: potassium N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane sulfonamide;<br>N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane sulfonamide  | 422-500-1 | —           | STOT RE 2 *                                  | H373**                        | GHS08<br>Wng                       | H373**                        |   |  |          |
| 616-198-00-2   | 1,3-bis[12-hydroxy-octadecamide-N-methylene]-benzene   | 423-300-7 | —           | Skin Sens. 1<br>Aquatic Chronic 4            | H317<br>H413                  | GHS07<br>Wng                       | H317<br>H413                  |   |  |          |
| 616-200-00-1   | reaction mass of: N,N'-ethane-1,2-diylbis(hexanamide);<br>12-hydroxy-N-[2-[(1-oxyhexyl)amino]ethyl]octadecanamide;<br>N,N'-ethane-1,2-diylbis(12-hydroxyoctadecanamide)  | 432-430-3 | —           | Skin Sens. 1<br>Aquatic Chronic 4            | H317<br>H413                  | GHS07<br>Wng                       | H317<br>H413                  |   |  |          |
| 616-201-00-7   | 12-hydroxyoctadecanoic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamine  | 432-840-2 | 220926-97-6 | Acute Tox. 4 *<br>Aquatic Chronic 4          | H332<br>H413                  | GHS07<br>Wng                       | H332<br>H413                  |   |  |          |
| 616-202-00-2   | reaction mass of: 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2,4-dimethylphenyl)]-3-oxo-butanamide;<br>2-[[[3,3'-dichloro-4'-[[1[[[(2,4-dimethylphenyl)amino]carbonyl]-2-oxopropyl]azo][1,1'-biphenyl]-4-yl]azo]-N-(2-methylphenyl)-3-oxo-butanamide];<br>2-[[[3,3'-dichloro-4'-[[1[[[(2,4-dimethylphenyl)amino]carbonyl]-2-oxopropyl]azo][1,1'-biphenyl]-4-yl]azo]-N-(2-carboxylphenyl)-3-oxo-butanamide | 434-330-5 | —           | Carc. 2<br>Skin Sens. 1<br>Aquatic Chronic 4 | H351<br>H317<br>H413          | GHS08<br>GHS07<br>Wng              | H351<br>H317<br>H413          |   |  |          |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.      | Klasifikácia  |                                      | Označovanie                             |                                      |   | Špecifické koncentračné limity M-faktory | Poznámky |
|----------------|---|-----------|-------------|---|--------------------------------------|---|--------------------------------------|---|--|----------|
|                |   |           |             | Trieda nebezpečnosti a kód(y) kategórie   | Kód(y) výstražných upozornení        | Piktogram, kód(y) výstražných slov      | Kód(y) výstražných upozornení        | Doplňujúci(e) kód(y) výstražných upozornení |  |          |
| 616-203-00-8   | reaction mass of: N-[5-[bis-(2-methoxyethyl)amino]-2-(2-butyl-4,6-dicyano-1,3-dioxo-2,3-dihydro-1H-isoindol-5-yl-azo)phenyl]acetamide; N-[2-(2-butyl-4,6-dicyano-1,3-dioxo-2,3-dihydro-1H-isoindol-5-ylazo)5-diethylaminophenyl]acetamide | 442-280-0 | —           | Aquatic Chronic 4   | H413                                 | —                                       | H413                                 |   |  |          |
| 616-204-00-3   | N,N''-(methylenedi-4,1-phenylene)bis[N'-octylurea]  | 451-060-3 | 122886-55-9 | Aquatic Chronic 4   | H413                                 | —                                       | H413                                 |   |  |          |
| 617-021-00-1   | methylethylketone peroxide trimer   | 429-320-2 | —           | Org. Perox. B****<br>Asp. Tox. 1<br>Skin Irrit. 2<br>Skin Sens. 1                     | H241<br>H304<br>H315<br>H317         | GHS01<br>GHS02<br>GHS08<br>GHS07<br>Dgr | H241<br>H304<br>H315<br>H317         |   |  |          |
| 617-022-00-7   | reaction mass of: 1,2-dimethylpropylidene dihydroperoxide; dimethyl 1,2-benzenedicarboxylate  | 442-480-8 | —           | Org. Perox. C<br>Acute Tox. 4 *<br>Skin Corr. 1B<br>Skin Sens. 1<br>Aquatic Chronic 2 | H242<br>H302<br>H314<br>H317<br>H411 | GHS02<br>GHS05<br>GHS07<br>GHS09<br>Dgr | H242<br>H302<br>H314<br>H317<br>H411 |   |  |          |
| 647-017-00-5   | laccase   | 420-150-4 | 80498-15-3  | Resp. Sens. 1   | H334                                 | GHS08<br>Dgr                            | H334                                 |   |  |          |

## PRÍLOHA III

V tabuľke 3.1 a tabuľke 3.2 sa vypúšťajú záznamy s týmito indexovými číslami:

006-089-00-2, 006-089-01-X, 024-004-01-4, 603-037-01-3, 603-155-00-8, 606-080-00-9, 607-443-00-4,  
607-472-00-2, 611-084-00-9 a 650-033-00-5.

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## PRÍLOHA IV

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia  | Označovanie   | Limity koncentrácie  | Poznámky |
|----------------|---|-----------|------------|---|---|--|----------|
| 001-002-00-4   | aluminium lithium hydride   | 240-877-9 | 16853-85-3 | F; R15<br>C; R35  | F; C<br>R: 15-35<br>S: (1/2-)7/8-26-36/37/39-43-45            |  |          |
| 005-006-00-7   | dibutyltin hydrogen borate  | 401-040-5 | 75113-37-0 | Muta. Cat. 3; R68<br>Repr. Cat. 2; R60-61<br>T; R48/25<br>Xn; R21/22<br>Xi; R41<br>R43<br>N; R50-53 | T; N<br>R: 60-61-21/22-41-43-48/25-68-50/53<br>S: 53-45-60-61 |  | E        |
| 006-007-00-5   | salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex | —         | —          | T+; R26/27/28<br>R32<br>N; R50-53   | T+; N<br>R: 26/27/28-32-50/53<br>S: (1/2-)7-28-29-45-60-61    |  | A        |
| 006-011-00-7   | carbaryl (ISO);<br>1-naphthyl methylcarbamate   | 200-555-0 | 63-25-2    | Carc. Cat. 3; R40<br>Xn; R20/22<br>N; R50   | Xn; N<br>R: 20/22-40-50<br>S: (2-)36/37-46-61                 | N; R50: C ≥ 0,25 %   |          |
| 006-015-00-9   | diuron (ISO);<br>3-(3,4-dichlorophenyl)-1,1-dimethylurea  | 206-354-4 | 330-54-1   | Carc. Cat. 3; R40<br>Xn; R22-48/22<br>N; R50-53   | Xn; N<br>R: 22-40-48/22-50/53<br>S: (2-)13-36/37-46-60-61     | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 %      |          |
| 006-045-00-2   | methomyl (ISO);<br>1-(methylthio)ethylideneamino<br>N-methylcarbamate   | 240-815-0 | 16752-77-5 | T+; R28<br>N; R50-53  | T+; N<br>R: 28-50/53<br>S: (1/2-)28-36/37-45-60-61            | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 % |          |
| 006-076-00-1   | mancozeb (ISO);<br>manganese ethylenebis(dithiocarbamate)<br>(polymeric) complex with zinc salt   | —         | 8018-01-7  | Repr. Cat. 3; R63<br>R43<br>N; R50  | Xn; N<br>R: 43-63-50<br>S: (2-)36/37-46-61                    | N; R50: C ≥ 2,5 %  |          |
| 006-077-00-7   | maneb (ISO);<br>manganese ethylenebis(dithiocarbamate)<br>(polymeric)   | 235-654-8 | 12427-38-2 | Repr. Cat. 3; R63<br>Xn; R20<br>Xi; R36<br>R43<br>N; R50-53   | Xn; N<br>R: 20-36-43-63-50/53<br>S: (2-)36/37-46-60-61        | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 %      |          |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.                          | CAS č.                           | Klasifikácia  | Označovanie   | Limity koncentrácie  | Poznámky |
|----------------|--|--------------------------------|----------------------------------|---|---|--|----------|
| 006-084-00-5   | carbosulfan (ISO);<br>2,3-dihydro-2,2-dimethyl-7-benzofuryl<br>[(dibutylamino)thio]methylcarbamate                                       | 259-565-9                      | 55285-14-8                       | T+; R26<br>T; R25<br>R43<br>N; R50-53                             | T+; N<br>R: 25-26-43-50/53<br>S: (1/2-)28-36/37-38-<br>45-63-60-61              |  |          |
| 006-087-00-1   | furathiocarb (ISO);<br>2,3-dihydro-2,2-dimethyl-7-benzofuryl<br>2,4-dimethyl-6-oxa-5-oxo-3-thia-2,4-<br>diazadecanoate                   | 265-974-3                      | 65907-30-4                       | T+; R26<br>T; R25<br>Xn; R48/22<br>Xi; R36/38<br>R43<br>N; R50-53 | T+; N<br>R: 25-26-36/38-43-<br>48/22-50/53<br>S: (1/2-)28-36/37-38-<br>45-60-61 | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤<br>C < 0,25 %<br>R52-53: 0,0025 % ≤<br>C < 0,025 % |          |
| 006-088-00-7   | benfuracarb (ISO);<br>ethyl N-[2,3-dihydro-2,2-<br>dimethylbenzofuran-7-<br>yloxycarbonyl(methyl)aminothio]-N-<br>isopropyl- β-alaninate | —                              | 82560-54-1                       | Repr. Cat. 3; R62<br>T; R23<br>Xn; R22<br>N; R50-53               | T; N<br>R: 22-23-62-50/53<br>S: (1/2-)36/37-45-60-61                            |  |          |
| 007-002-00-0   | nitrogen dioxide; [1]<br>dinitrogen tetroxide [2]  | 233-272-6 [1]<br>234-126-4 [2] | 10102-44-0 [1]<br>10544-72-6 [2] | O; R8<br>T+; R26<br>C; R34  | O; T+<br>R: 8-26-34<br>S: (1/2-)9-26-28-<br>36/37/39-45                         | T+; R26: C ≥ 10 %<br>T; R23: 1 % ≤ C < 10 %<br>Xn; R20: 0,1 % ≤<br>C < 1 %                       | 5        |
| 007-007-00-8   | ethyl nitrate  | 210-903-3                      | 625-58-1                         | E; R3   | E<br>R: 3<br>S: (2-)23-24/25  |  |          |
| 009-001-00-0   | fluorine   | 231-954-8                      | 7782-41-4                        | O; R8<br>T+; R26<br>C; R35  | O; T+; C<br>R: 8-26-35<br>S: (1/2-)9-26-28-<br>36/37/39-45                      |  |          |
| 013-002-00-1   | aluminium powder (stabilised)  | 231-072-3                      | 7429-90-5                        | F; R11-15   | F<br>R: 11-15<br>S: (2-)7/8-43  |  | T        |
| 015-003-00-2   | calcium phosphide;<br>tricalcium diphosphide   | 215-142-0                      | 1305-99-3                        | F; R15<br>T+; R28<br>R29<br>N; R50                                | F; T+; N<br>R: 15/29-28-50<br>S: (1/2-)22-28-36/37-<br>43-45-61                 | N; R50: C ≥ 0,25 %   |          |
| 015-004-00-8   | aluminium phosphide  | 244-088-0                      | 20859-73-8                       | F; R15<br>T+; R28<br>R29<br>R32<br>N; R50                         | F; T+; N<br>R: 15/29-28-32-50<br>S: (1/2-)3/9/14-28-30-<br>36/37-43-45-61       | N; R50: C ≥ 0,25 %   |          |



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|----------------|---|-----------|------------|--|--|---|----------|
| 015-005-00-3   | magnesium phosphide;<br>trimagnesium diphosphide  | 235-023-7 | 12057-74-8 | F; R15<br>T+; R28<br>R29<br>N; R50                           | F; T+; N<br>R: 15/29-28-50<br>S: (1/2-)22-28-43-45-61                | N; R50: C ≥ 0,25 %  |          |
| 015-006-00-9   | trizinc diphosphide;<br>zinc phosphide  | 215-244-5 | 1314-84-7  | F; R15<br>T+; R28<br>R29<br>R32<br>N; R50-53                 | F; T+; N<br>R: 15/29-28-32-50/53<br>S: (1/2-)28-30-36/37-43-45-60-61 | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 %      | T        |
| 015-019-00-X   | dichlorvos (ISO);<br>2,2-dichlorovinyl dimethyl phosphate   | 200-547-7 | 62-73-7    | T+; R26<br>T; R24/25<br>R43<br>N; R50                        | T+; N<br>R: 24/25-26-43-50<br>S: (1/2-)28-36/37-45-61                | N; R50: C ≥ 0,025 %   |          |
| 015-041-00-X   | malathion (ISO);<br>1,2-bis(ethoxycarbonyl)ethyl O,O-dimethyl phosphorodithioate;<br>[containing ≤ 0,03 % isomalathion] | 204-497-7 | 121-75-5   | Xn; R22<br>R43<br>N; R50-53                                  | Xn; N<br>R: 22-43-50/53<br>S: (2-)24-37-46-60-61                     | N; R50-53: C ≥ 0,025 %<br>N; R51-53: 0,0025 % ≤ C < 0,025 %<br>R52-53: 0,00025 % ≤ C < 0,0025 % |          |
| 015-048-00-8   | fenthion (ISO);<br>O,O-dimethyl-O-(4-methylthion- <i>m</i> -tolyl) phosphorothioate                                     | 200-231-9 | 55-38-9    | Muta. Cat. 3; R68<br>T; R23-48/25<br>Xn; R21/22<br>N; R50-53 | T; N<br>R: 21/22-23-48/25-68-50/53<br>S: (1/2-)36/37-45-60-61        | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 %      |          |
| 015-056-00-1   | azinphos-ethyl (ISO);<br>O,O-diethyl 4-oxobenzotriazin-3-ylmethyl phosphorodithioate                                    | 220-147-6 | 2642-71-9  | T+; R28<br>T; R24<br>N; R50-53                               | T+; N<br>R: 24-28-50/53<br>S: (1/2-)28-36/37-45-60-61                | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 %      |          |
| 015-067-00-1   | phosalone (ISO);<br>S-(6-chloro-2-oxobenzoxazolin-3-ylmethyl) O,O-diethyl phosphorodithioate                            | 218-996-2 | 2310-17-0  | T; R25<br>Xn; R20/21<br>R43<br>N; R50-53                     | T; N<br>R: 20/21-25-43-50/53<br>S: (1/2-)36/37-45-60-61              | N; R50-53: C ≥ 0,025 %<br>N; R51-53: 0,0025 % ≤ C < 0,025 %<br>R52-53: 0,00025 % ≤ C < 0,0025 % |          |
| 015-100-00-X   | phoxim (ISO);<br>α-(diethoxyphosphinothioylimino) phenylacetone nitrile   | 238-887-3 | 14816-18-3 | Repr. Cat. 3; R62<br>Xn; R22<br>R43<br>N; R50-53             | Xn; N<br>R: 22-43-62-50/53<br>S: (2-)36/37-46-60-61                  | N; R50-53: C ≥ 0,025 %<br>N; R51-53: 0,0025 % ≤ C < 0,025 %<br>R52-53: 0,00025 % ≤ C < 0,0025 % |          |

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|----------------|---|-----------|------------|--|--|---|----------|
| 015-102-00-0   | tris(2-chloroethyl)phosphate  | 204-118-5 | 115-96-8   | Carc. Cat. 3; R40<br>Repr. Cat. 2; R60<br>Xn; R22<br>N; R51-53   | T; N<br>R: 60-22-40-51/53<br>S: 53-45-61                   |   | E        |
| 015-114-00-6   | chlormephos (ISO);<br>S-chloromethyl O,O-diethyl phosphorodithioate   | 246-538-1 | 24934-91-6 | T+; R27/28<br>N; R50-53  | T+; N<br>R: 27/28-50/53<br>S: (1/2-)27-28-36/37-45-60-61   | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 %           |          |
| 015-115-00-1   | chlorthiophos (ISO);<br>[isomeric reaction mass in which O-2,5-dichlorophenyl-4-methylthiophenyl O,O-diethyl phosphorothioate predominates] | 244-663-6 | 21923-23-9 | T+; R28<br>T; R24<br>N; R50-53                                   | T+; N<br>R: 24-28-50/53<br>S: (1/2-)28-36/37-45-60-61      | N; R50-53: C ≥ 0,025 %<br>N; R51-53: 0,0025 % ≤ C < 0,025 %<br>R52-53: 0,00025 % ≤ C < 0,0025 % |          |
| 015-140-00-8   | triazophos (ISO);<br>O,O-diethyl-O-1-phenyl-1H-1,2,4-triazol-3-yl phosphorothioate  | 245-986-5 | 24017-47-8 | T; R23/25<br>Xn; R21<br>N; R50-53                                | T; N<br>R: 21-23/25-50/53<br>S: (1/2-)36/37-45-60-61       | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 %      |          |
| 015-155-00-X   | glufosinate ammonium (ISO);<br>ammonium 2-amino-4-(hydroxymethylphosphinyl)butyrate   | 278-636-5 | 77182-82-2 | Repr. Cat. 2; R60<br>Repr. Cat. 3; R63<br>Xn; R20/21/22-48/20/22 | T<br>R: 60-20/21/22-48/20/22-63<br>S: 53-45                |   | E        |
| 016-009-00-8   | disodium sulfide;<br>sodium sulfide   | 215-211-5 | 1313-82-2  | T; R24<br>Xn; R22<br>C; R34<br>R31<br>N; R50                     | T; C; N<br>R: 22-24-31-34-50<br>S: (1/2-)26-36/37/39-45-61 |   |          |
| 016-084-00-7   | prosulfuron (ISO);<br>1-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)-3-[2-(3,3,3-trifluoropropyl)phenylsulfonyl]urea                             | —         | 94125-34-5 | Xn; R22<br>N; R50-53   | Xn; N<br>R: 22-50/53<br>S: (2-)60-61                       | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 %      |          |
| 017-001-00-7   | chlorine  | 231-959-5 | 7782-50-5  | T; R23<br>Xi; R36/37/38<br>N; R50                                | T; N<br>R: 23-36/37/38-50<br>S: (1/2-)9-45-61              | N; R50: C ≥ 0,25 %  |          |
| 017-009-00-0   | ammonium perchlorate;<br>[containing ≥ 80 % of 0-30 µm particles]   | 232-235-1 | 7790-98-9  | E; R3<br>O; R9   | E<br>R: 3-9<br>S: (2-)14-16-36/37                          |   | T        |

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|----------------|---|-----------|------------|--|--|--|----------|
| 017-012-00-7   | calcium hypochlorite                        | 231-908-7 | 7778-54-3  | O; R8<br>C; R34<br>Xn; R22<br>R31<br>N; R50  | O; C; N<br>R: 8-22-31-34-50<br>S: (1/2-)26-36/37/39-45-61                    | C; R34: C ≥ 10 %<br>Xi; R37/38-41: 3 % ≤ C < 10 %<br>Xi; R36: 0,5 % ≤ C < 3 %<br>N; R50: C ≥ 2,5 % |          |
| 017-026-00-3   | chlorine dioxide                            | 233-162-8 | 10049-04-4 | O; R8<br>R6<br>T+; R26<br>C; R34<br>N; R50   | O; T+; N<br>R: 6-8-26-34-50<br>S: (1/2-)23-26-28-36/37/39-38-45-61           | N; R50: C ≥ 2,5 %  | 5        |
| 017-026-01-0   | chlorine dioxide ... %                      | 233-162-8 | 10049-04-4 | T; R25<br>C; R34<br>N; R50   | T; N<br>R: 25-34-50<br>S: (1/2-)23-26-28-36/37/39-45-61                      | C; R34: C ≥ 10 %<br>Xi; R37/38: 3 % ≤ C < 10 %<br>Xi; R36: 0,3 % ≤ C < 10 %<br>N; R50: C ≥ 2,5 %   | B        |
| 024-004-00-7   | sodium dichromate                           | 234-190-3 | 10588-01-9 | O; R8<br>Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Repr. Cat. 2; R60-61<br>T+; R26<br>T; R25-48/23<br>Xn; R21<br>C; R34<br>R42/43<br>N; R50-53 | O; T+; N<br>R: 45-46-60-61-8-21-25-26-34-42/43-48/23-50/53<br>S: 53-45-60-61 | C; R34: C ≥ 25 %<br>Xi; R36/37/38: 5 % ≤ C < 10 %<br>R42/43: C ≥ 0,2 %                             | E        |
| 027-002-00-4   | cobalt oxide                                | 215-154-6 | 1307-96-6  | Xn; R22<br>R43<br>N; R50-53  | Xn; N<br>R: 22-43-50/53<br>S: (2-)24-37-60-61                                | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 %              |          |
| 027-003-00-X   | cobalt sulfide                              | 215-273-3 | 1317-42-6  | R43<br>N; R50-53   | Xi; N<br>R: 43-50/53<br>S: (2-)24-37-60-61                                   | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 %              |          |

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|----------------|---|---|---|---|--|---|----------|
| 027-004-00-5   | cobalt dichloride   | 231-589-4                               | 7646-79-9   | Carc. Cat. 2; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R60<br>Xn; R22<br>R42/43<br>N; R50-53 | T; N<br>R: 49-60-22-42/43-68-50/53<br>S: 53-45-60-61 | Carc. Cat. 2; R49:<br>C ≥ 0,01 %<br>N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 % | E<br>1   |
| 027-005-00-0   | cobalt sulfate  | 233-334-2                               | 10124-43-3  | Carc. Cat. 2; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R60<br>Xn; R22<br>R42/43<br>N; R50-53 | T; N<br>R: 49-60-22-42/43-68-50/53<br>S: 53-45-60-61 | Carc. Cat. 2; R49:<br>C ≥ 0,01 %<br>N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 % | E<br>1   |
| 028-002-00-7   | nickel  | 231-111-4                               | 7440-02-0   | Carc. Cat. 3; R40<br>T; R48/23<br>R43   | T<br>R: 40-43-48/23<br>S: (2-)36/37/39-45            |   | S<br>7   |
| 028-003-00-2   | nickel monoxide; [1]<br>nickel oxide; [2]<br>bunsenite [3]          | 215-215-7 [1]<br>234-323-5 [2]<br>- [3] | 1313-99-1 [1]<br>11099-02-8 [2]<br>34492-97-2 [3] | Carc. Cat. 1; R49<br>T; R48/23<br>R43<br>R53  | T<br>R: 49-43-48/23-53<br>S: 53-45-61                |   | E        |
| 028-004-00-8   | nickel dioxide  | 234-823-3                               | 12035-36-8  | Carc. Cat. 1; R49<br>T; R48/23<br>R43<br>R53  | T<br>R: 49-43-48/23-53<br>S: 53-45-61                |   | E        |
| 028-005-00-3   | dinickel trioxide   | 215-217-8                               | 1314-06-3   | Carc. Cat. 1; R49<br>T; R48/23<br>R43<br>R53  | T<br>R: 49-43-48/23-53<br>S: 53-45-61                |   | E        |
| 028-006-00-9   | nickel (II) sulfide; [1]<br>nickel sulfide; [2]<br>millerite [3]    | 240-841-2 [1]<br>234-349-7 [2]<br>- [3] | 16812-54-7 [1]<br>11113-75-0 [2]<br>1314-04-1 [3] | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>T; R48/23<br>R43<br>N; R50-53                       | T; N<br>R: 49-43-48/23-68-50/53<br>S: 53-45-60-61    |   | E        |
| 028-007-00-4   | trinickel disulfide;<br>nickel subsulfide; [1]<br>heazlewoodite [2] | 234-829-6 [1]<br>- [2]                  | 12035-72-2 [1]<br>12035-71-1 [2]                  | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>T; R48/23<br>R43<br>N; R50-53                       | T; N<br>R: 49-43-48/23-68-50/53<br>S: 53-45-60-61    |   | E        |

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|----------------|--|--|---|--|--|---|----------|
| 028-008-00-X   | nickel dihydroxide; [1]<br>nickel hydroxide [2]  | 235-008-5 [1]<br>234-348-1 [2]                                   | 12054-48-7 [1]<br>11113-74-9 [2]                                    | Carc. Cat. 1; R49<br>Repr. Cat. 2; R61<br>Muta. Cat. 3; R68<br>T; R48/23<br>Xn; R20/22<br>Xi; R38<br>R42/43<br>N; R50-53 | T; N<br>R: 49-61-20/22-38-42/43-48/23-68-50/53<br>S: 53-45-60-61 |   | E        |
| 028-009-00-5   | nickel sulfate   | 232-104-9  | 7786-81-4   | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>Xn; R20/22<br>Xi; R38<br>R42/43<br>N; R50-53 | T; N<br>R: 49-61-20/22-38-42/43-48/23-68-50/53<br>S: 53-45-60-61 | T; R48/23: C ≥ 1 %<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>Xi; R38: C ≥ 20 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % | E        |
| 028-010-00-0   | nickel carbonate;<br>basic nickel carbonate;<br>carbonic acid, nickel (2+) salt; [1]<br>carbonic acid, nickel salt; [2]<br>[μ-[carbonato(2-)-O:O']] dihydroxytrinickel; [3]<br>[carbonato(2-)] tetrahydroxytrinickel [4] | 222-068-2 [1]<br>240-408-8 [2]<br>265-748-4 [3]<br>235-715-9 [4] | 3333-67-3 [1]<br>16337-84-1 [2]<br>65405-96-1 [3]<br>12607-70-4 [4] | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>Xn; R20/22<br>Xi; R38<br>R42/43<br>N; R50-53 | T; N<br>R: 49-61-20/22-38-42/43-48/23-68-50/53<br>S: 53-45-60-61 |   | E        |
| 029-013-00-X   | trisodium(2-(α-(3-(4-chloro-6-(2-(2-(vinylsulfonyl)ethoxy)ethylamino)-1,3,5-triazin-2-ylamino)-2-oxido-5-sulfonatophenylazo)benzylidenehydrazino)-4-sulfonatobenzoato)copper(II)   | 407-580-8  | 130201-51-3   | Xi; R41  | Xi<br>R: 41<br>S: (2-)26-39                                      |   |          |
| 033-005-00-1   | arsenic acid and its salts with the exception of those specified elsewhere in this Annex   | —  | —   | Carc. Cat. 1; R45<br>T; R23/25<br>N; R50-53  | T; N<br>R: 45-23/25-50/53<br>S: 53-45-60-61                      |   | AE       |
| 034-002-00-8   | selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex  | —  | —   | T; R23/25<br>R33<br>N; R50-53  | T; N<br>R: 23/25-33-50/53<br>S: (1/2-)20/21-28-45-60-61          |   | A        |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.      | Klasifikácia   | Označovanie   | Limity koncentrácie  | Poznámky |
|----------------|---|-----------|-------------|--|---|--|----------|
| 042-001-00-9   | molybdenum trioxide   | 215-204-7 | 1313-27-5   | Carc. Cat. 3; R40<br>Xi; R36/37  | Xn<br>R: 36/37-40<br>S: (2-)22-36/37  |  |          |
| 042-002-00-4   | tetrakis(dimethylditetradecylammonium) hexa- $\mu$ -oxotetra- $\mu$ 3-oxodi- $\mu$ 5-oxotetradecaooctamolybdate(4-) | 404-760-8 | 117342-25-3 | T; R23<br>Xi; R41  | T<br>R: 23-41<br>S: (1/2-)26-36/37/39-45  |  |          |
| 047-001-00-2   | silver nitrate  | 231-853-9 | 7761-88-8   | O; R8<br>C; R34<br>N; R50-53   | O; C; N<br>R: 8-34-50/53<br>S: (1/2-)26-36/37/39-45-60-61                           |  |          |
| 050-002-00-0   | cyhexatin (ISO);<br>hydroxytricyclohexylstannane;<br>tri(cyclohexyl)tin hydroxide                                   | 236-049-1 | 13121-70-5  | Xn; R20/21/22<br>N; R50-53   | Xn; N<br>R: 20/21/22-50/53<br>S: (2-)13-60-61                                       | N; R50-53: C $\geq$ 0,025 %<br>N; R51-53: 0,0025 % $\leq$ C < 0,025 %<br>R52-53: 0,00025 % $\leq$ C < 0,0025 %                 |          |
| 050-003-00-6   | fentin acetate (ISO);<br>triphenyltin acetate   | 212-984-0 | 900-95-8    | Carc. Cat. 3; R40<br>Repr. Cat. 3; R63<br>T+; R26<br>T; R24/25-48/23<br>Xi; R37/38-41<br>N; R50-53 | T+; N<br>R: 24/25-26-37/38-40-41-48/23-63-50/53<br>S: (1/2-)26-28-36/37/39-45-60-61 | Xi; R37: C $\geq$ 20 %<br>N; R50-53: C $\geq$ 2,5 %<br>N; R51-53: 0,25 % $\leq$ C < 2,5 %<br>R52-53: 0,025 % $\leq$ C < 0,25 % |          |
| 050-004-00-1   | fentin hydroxide (ISO);<br>triphenyltin hydroxide   | 200-990-6 | 76-87-9     | Carc. Cat. 3; R40<br>Repr. Cat. 3; R63<br>T+; R26<br>T; R24/25-48/23<br>Xi; R37/38-41<br>N; R50-53 | T+; N<br>R: 24/25-26-37/38-40-41-48/23-63-50/53<br>S: (1/2-)26-28-36/37/39-45-60-61 | Xi; R37: C $\geq$ 20 %<br>N; R50-53: C $\geq$ 2,5 %<br>N; R51-53: 0,25 % $\leq$ C < 2,5 %<br>R52-53: 0,025 % $\leq$ C < 0,25 % |          |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia   | Označovanie   | Limity koncentrácie  | Poznámky |
|----------------|---|-----------|------------|--|---|--|----------|
| 050-008-00-3   | tributyltin compounds, with the exception of those specified elsewhere in this Annex  | —         | —          | T; R25-48/23/25<br>Xn; R21<br>Xi; R36/38<br>N; R50-53  | T; N<br>R: 21-25-36/38-48/23/25-50/53<br>S: (1/2-)36/37/39-45-60-61 | T; R25: C ≥ 2,5 %<br>Xn; R22: 0,25 % ≤ C < 2,5 %<br>Xn; R21: C ≥ 1 %<br>T; R48/23/25: C ≥ 1 %<br>Xn; R48/20/22: 0,25 % ≤ C < 1 %<br>Xi; R36/38: C ≥ 1 %<br>N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 % | A<br>1   |
| 050-011-00-X   | triphenyltin compounds, with the exception of those specified elsewhere in this Annex | —         | —          | T; R23/24/25<br>N; R50-53                              | T; N<br>R: 23/24/25-50/53<br>S: (1/2-)26-27-28-45-60-61             | T; R23/24/25: C ≥ 1 %<br>Xn; R20/21/22: 0,25 % ≤ C < 1 %<br>N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 %   | A<br>1   |
| 050-018-00-8   | tin(II) methanesulphonate   | 401-640-7 | 53408-94-9 | C; R34<br>Xn; R22<br>R43<br>N; R51-53                  | C; N<br>R: 22-34-43-51/53<br>S: (1/2-)22-26-36/37/39-45-61          |  |          |
| 053-003-00-4   | iodoxybenzene   | —         | 696-33-3   | E; R2  | E<br>R: 2<br>S: (2-)35  |  |          |
| 053-004-00-X   | calcium iodoxybenzoate  | —         | —          | E; R2  | E<br>R: 2<br>S: (2-)35  |  | C        |
| 080-001-00-0   | mercury   | 231-106-7 | 7439-97-6  | Repr. Cat. 2; R61<br>T+; R26<br>T; R48/23<br>N; R50-53 | T+; N<br>R: 61-26-48/23-50/53<br>S: 53-45-60-61                     |  | E        |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.  | CAS č.  | Klasifikácia   | Označovanie   | Limity koncentrácie | Poznámky |
|----------------|--|--|---|--|---|---------------------|----------|
| 080-006-00-8   | dimercury dicyanide oxide;<br>mercuric oxycyanide  | 215-629-8  | 1335-31-5   | E; R2<br>T; R23/24/25<br>R33<br>N; R50-53  | E; T; N<br>R: 2-23/24/25-33-50/53<br>S: (1/2-)28-36/37-45-60-61         |                     |          |
| 080-010-00-X   | mercury dichloride;<br>mercuric chloride   | 231-299-8  | 7487-94-7   | Muta. Cat. 3; R68<br>Repr. Cat. 3; R62<br>T+; R28<br>T; R48/24/25<br>C; R34<br>N; R50-53 | T+; N<br>R: 28-34-48/24/25-62-68-50/53<br>S: (1/2-)26-36/37/39-45-60-61 |                     |          |
| 082-004-00-2   | lead chromate  | 231-846-0  | 7758-97-6   | Carc. Cat. 2; R45<br>Repr. Cat. 1; R61<br>Repr. Cat. 3; R62<br>R33<br>N; R50-53          | T; N<br>R: 45-61-33-62-50/53<br>S: 53-45-60-61                          |                     | 1        |
| 082-009-00-X   | lead sulfochromate yellow;<br>C.I. Pigment Yellow 34;<br>[This substance is identified in the Colour Index by Colour Index Constitution Number, C.I. 77603.]         | 215-693-7  | 1344-37-2   | Carc. Cat. 2; R45<br>Repr. Cat. 1; R61<br>Repr. Cat. 3; R62<br>R33<br>N; R50-53          | T; N<br>R: 45-61-33-62-50/53<br>S: 53-45-60-61                          |                     | 1        |
| 082-010-00-5   | lead chromate molybdate sulfate red;<br>C.I. Pigment Red 104;<br>[This substance is identified in the Colour Index by Colour Index Constitution Number, C.I. 77605.] | 235-759-9  | 12656-85-8  | Carc. Cat. 2; R45<br>Repr. Cat. 1; R61<br>Repr. Cat. 3; R62<br>R33<br>N; R50-53          | T; N<br>R: 45-61-33-62-50/53<br>S: 53-45-60-61                          |                     | 1        |
| 092-002-00-3   | uranium compounds with the exception of those specified elsewhere in this Annex  | —  | —   | T+; R26/28<br>R33<br>N; R51-53   | T+; N<br>R: 26/28-33-51/53<br>S: (1/2-)20/21-45-61                      |                     | A        |
| 601-007-00-7   | hexane (containing < 5 % <i>n</i> -hexane (203-777-6));<br>2-methylpentane; [1]<br>3-methylpentane; [2]<br>2,2-dimethylbutane; [3]<br>2,3-dimethylbutane [4]         | 203-523-4 [1]<br>202-481-4 [2]<br>200-906-8 [3]<br>201-193-6 [4] | 107-83-5 [1]<br>96-14-0 [2]<br>75-83-2 [3]<br>79-29-8 [4] | F; R11<br>Xn; R65<br>Xi; R38<br>R67<br>N; R51-53   | F; Xn; N<br>R: 11-38-65-67-51/53<br>S: (2-)9-16-29-33-61-62             |                     | C        |



| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.   | CAS č.  | Klasifikácia                                     | Označovanie  | Limity koncentrácie  | Poznámky |
|----------------|--|---|---|--|--|--|----------|
| 601-008-00-2   | heptane;<br><i>n</i> -heptane; [1]<br>2,4-dimethylpentane; [2]<br>2,2,3-trimethylbutane; [3]<br>3,3-dimethylpentane; [4]<br>2,3-dimethylpentane; [5]<br>3-methylhexane; [6]<br>2,2-dimethylpentane; [7]<br>2-methylhexane; [8]<br>3-ethylpentane; [9]<br>isoheptane; [10]  | 205-563-8 [1]<br>203-548-0 [2]<br>207-346-3 [3]<br>209-230-8 [4]<br>209-280-0 [5]<br>209-643-3 [6]<br>209-680-5 [7]<br>209-730-6 [8]<br>210-529-0 [9]<br>250-610-8 [10]   | 142-82-5 [1]<br>108-08-7 [2]<br>464-06-2 [3]<br>562-49-2 [4]<br>565-59-3 [5]<br>589-34-4 [6]<br>590-35-2 [7]<br>591-76-4 [8]<br>617-78-7 [9]<br>31394-54-4 [10]   | F; R11<br>Xn; R65<br>Xi; R38<br>R67<br>N; R50-53 | F; Xn; N<br>R: 11-38-65-67-50/53<br>S: (2-)9-16-29-33-60-61-62 |  | C        |
| 601-009-00-8   | octane;<br><i>n</i> -octane; [1]<br>2,2,4-trimethylpentane; [2]<br>2,3,3-trimethylpentane; [3]<br>3,3-dimethylhexane; [4]<br>2,2,3-trimethylpentane; [5]<br>2,3,4-trimethylpentane; [6]<br>3,4-dimethylhexane; [7]<br>2,3-dimethylhexane; [8]<br>2,4-dimethylhexane; [9]<br>4-methylheptane; [10]<br>3-methylheptane; [11]<br>2,2-dimethylhexane; [12]<br>2,5-dimethylhexane; [13]<br>2-methylheptane; [14]<br>2,2,3,3-tetramethylbutane; [15]<br>3-ethyl-2-methylpentane; [16]<br>3-ethylhexane; [17]<br>3-ethyl-3-methylpentane; [18]<br>isooctane; [19] | 203-892-1 [1]<br>208-759-1 [2]<br>209-207-2 [3]<br>209-243-9 [4]<br>209-266-4 [5]<br>209-292-6 [6]<br>209-504-7 [7]<br>209-547-1 [8]<br>209-649-6 [9]<br>209-650-1 [10]<br>209-660-6 [11]<br>209-689-4 [12]<br>209-745-8 [13]<br>209-747-9 [14]<br>209-855-6 [15]<br>210-187-2 [16]<br>210-621-0 [17]<br>213-923-0 [18]<br>247-861-0 [19] | 111-65-9 [1]<br>540-84-1 [2]<br>560-21-4 [3]<br>563-16-6 [4]<br>564-02-3 [5]<br>565-75-3 [6]<br>583-48-2 [7]<br>584-94-1 [8]<br>589-43-5 [9]<br>589-53-7 [10]<br>589-81-1 [11]<br>590-73-8 [12]<br>592-13-2 [13]<br>592-27-8 [14]<br>594-82-1 [15]<br>609-26-7 [16]<br>619-99-8 [17]<br>1067-08-9 [18]<br>26635-64-3 [19] | F; R11<br>Xn; R65<br>Xi; R38<br>R67<br>N; R50-53 | F; Xn; N<br>R: 11-38-65-67-50/53<br>S: (2-)9-16-29-33-60-61-62 |  | C        |
| 601-033-00-9   | benz[ <i>a</i> ]anthracene   | 200-280-6   | 56-55-3   | Carc. Cat. 2; R45<br>N; R50-53                   | T; N<br>R: 45-50/53<br>S: 53-45-60-61                          | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 % |          |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.                          | CAS č.                         | Klasifikácia  | Označovanie  | Limity koncentrácie   | Poznámky |
|----------------|---|--------------------------------|--------------------------------|---|--|---|----------|
| 601-041-00-2   | dibenz[ <i>a,h</i> ]anthracene  | 200-181-8                      | 53-70-3                        | Carc. Cat. 2; R45<br>N; R50-53                                      | T; N<br>R: 45-50/53<br>S: 53-45-60-61                                  | Carc. Cat. 2; R45: C ≥ 0,01 %<br>N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 % |          |
| 601-065-00-3   | reaction mass of: (1' <i>α</i> ,3' <i>α</i> ,6' <i>α</i> )-2,2,3',7',7'-pentamethylspiro(1,3-dioxane-5,2'-norcarane);<br>(1' <i>α</i> ,3' <i>β</i> ,6' <i>α</i> )-2,2,3',7',7'-pentamethylspiro(1,3-dioxane-5,2'-norcarane) | 416-930-9                      | —                              | Xi; R38<br>N; R51-53  | Xi; N<br>R: 38-51/53<br>S: (2-)36/37-61                                |   |          |
| 602-007-00-X   | bromoform;<br>tribromomethane   | 200-854-6                      | 75-25-2                        | T; R23<br>Xn; R22<br>Xi; R36/38<br>N; R51-53                        | T; N<br>R: 22-23-36/38-51/53<br>S: (1/2-)28-45-63-61                   |   |          |
| 602-030-00-5   | 1,3-dichloropropene; [1]<br>( <i>Z</i> )-1,3-dichloropropene [2]  | 208-826-5 [1]<br>233-195-8 [2] | 542-75-6 [1]<br>10061-01-5 [2] | R10<br>T; R24/25<br>Xn; R20-65<br>Xi; R36/37/38<br>R43<br>N; R50-53 | T; N<br>R: 10-20-24/25-36/37/38-43-65-50/53<br>S: (1/2-)36/37-45-60-61 |   | C D      |
| 602-050-00-4   | isodrin;<br>(1 <i>α</i> ,4 <i>α</i> ,4 <i>αβ</i> ,5 <i>β</i> ,8 <i>β</i> ,8 <i>αβ</i> )-1,2,3,4,10,10-hexachloro-1,4,4 <i>a</i> ,5,8,8 <i>a</i> -hexahydro-1,4:5,8-dimethanonaphthalene                                     | 207-366-2                      | 465-73-6                       | T+; R26/27/28<br>N; R50-53  | T+; N<br>R: 26/27/28-50/53<br>S: (1/2-)13-28-36/37-45-60-61            | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 %                                  |          |
| 602-052-00-5   | endosulfan (ISO);<br>1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite;<br>1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite  | 204-079-4                      | 115-29-7                       | T+; R26/28<br>Xn; R21<br>N; R50-53                                  | T+; N<br>R: 21-26/28-50/53<br>S: (1/2-)28-36/37-45-60-61-63            |   |          |
| 602-054-00-6   | 3-iodpropene;<br>allyl iodide   | 209-130-4                      | 556-56-9                       | F; R11<br>C; R34  | F; C<br>R: 11-34<br>S: (1/2-)7-16-26-45                                |   |          |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia   | Označovanie   | Limity koncentrácie               | Poznámky |
|----------------|--|-----------|------------|--|---|-----------------------------------|----------|
| 602-076-00-6   | 2,3,4-trichlorobut-1-ene   | 219-397-9 | 2431-50-7  | Carc. Cat. 3; R40<br>T; R23<br>Xn; R22<br>Xi; R36/37/38<br>N; R50-53               | T; N<br>R: 22-23-36/37/38-40-50/53<br>S: (1/2-)36/37-45-60-61 | Carc. Cat. 3; R40: C ≥ 0,1 %      |          |
| 602-080-00-8   | alkanes, C <sub>10-13</sub> ; chloro;<br>chlorinated paraffins, C <sub>10-13</sub> | 287-476-5 | 85535-84-8 | Carc. Cat. 3; R40<br>R66<br>N; R50-53  | Xn; N<br>R: 40-66-50/53<br>S: (2-)24-36/37-46-60-61           |                                   |          |
| 603-005-00-1   | 2-methylpropan-2-ol;<br>tert-butyl alcohol   | 200-889-7 | 75-65-0    | F; R11<br>Xn; R20<br>Xi; R36/37  | F; Xn<br>R: 11-20-36/37<br>S: (2-)9-16-46                     |                                   |          |
| 603-018-00-2   | furfuryl alcohol   | 202-626-1 | 98-00-0    | Carc. Cat. 3; R40<br>T; R23<br>Xn; R21/22-48/20<br>Xi; R36/37                      | T<br>R: 21/22-23-36/37-40-48/20<br>S: (1/2-)36/37-45-63       |                                   |          |
| 603-023-00-X   | ethylene oxide;<br>oxirane   | 200-849-9 | 75-21-8    | F+; R12<br>R6<br>Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>T; R23<br>Xi; R36/37/38 | F+; T<br>R: 45-46-6-12-23-36/37/38<br>S: 53-45                |                                   | E        |
| 603-029-00-2   | bis(2-chloroethyl) ether   | 203-870-1 | 111-44-4   | Carc. Cat. 3; R40<br>T+; R26/27/28   | T+<br>R: 26/27/28-40<br>S: (1/2-)7/9-27-28-36/37-45           |                                   |          |
| 603-032-00-9   | ethylene dinitrate;<br>ethylene glycol dinitrate                                   | 211-063-0 | 628-96-6   | E; R3<br>T+; R26/27/28<br>R33  | E; T+<br>R: 3-26/27/28-33<br>S: (1/2-)27/28-33-35-36/37-45    |                                   |          |
| 603-037-00-6   | cellulose nitrate;<br>nitrocellulose   | —         | —          | E; R3  | E<br>R: 3<br>S: (2-)35  |                                   | T        |
| 603-046-00-5   | bis(chloromethyl) ether;<br>oxybis(chloromethane)                                  | 208-832-8 | 542-88-1   | F; R11<br>Carc. Cat. 1; R45<br>T+; R26<br>T; R24<br>Xn; R22                        | F; T+<br>R: 45-11-22-24-26<br>S: 53-45                        | Carc. Cat. 1; R45:<br>C ≥ 0,001 % | E        |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.  | CAS č.   | Klasifikácia  | Označovanie  | Limity koncentrácie                                     | Poznámky |
|----------------|---|--|--|---|--|---|----------|
| 603-064-00-3   | 1-methoxy-2-propanol;<br>monopropylene glycol methyl ether                            | 203-539-1  | 107-98-2   | R10<br>R67  | R: 10-67<br>S: (2-)                                    |   |          |
| 603-066-00-4   | 1,2-epoxy-4-epoxyethylcyclohexane;<br>4-vinylcyclohexene diepoxide                    | 203-437-7  | 106-87-6   | Carc. Cat. 3; R40<br>T; R23/24/25   | T<br>R: 23/24/25-40<br>S: (1/2-)36/37-45-63            | T; R23/24/25: C ≥ 1 %<br>Xn; R20/21/22: 0,1 % ≤ C < 1 % |          |
| 603-085-00-8   | bronopol (INN);<br>2-bromo-2-nitropropane-1,3-diol                                    | 200-143-0  | 52-51-7  | Xn; R21/22<br>Xi; R37/38-41<br>N; R50   | Xn; N<br>R: 21/22-37/38-41-50<br>S: (2-)26-36/37/39-61 | N; R50: C ≥ 2,5 %                                       |          |
| 603-127-00-5   | butan-2-ol; [1]<br>(S)-butan-2-ol; [2]<br>(R)-butan-2-ol; [3]<br>(±)-butan-2-ol [4]   | 201-158-5 [1]<br>224-168-1 [2]<br>238-967-8 [3]<br>240-029-8 [4] | 78-92-2 [1]<br>4221-99-2 [2]<br>14898-79-4 [3]<br>15892-23-6 [4] | R10<br>Xi; R36/37<br>R67  | Xi<br>R: 10-36/37-67<br>S: (2-)7/9-13-24/25-26-46      |   | C        |
| 604-005-00-4   | 1,4-dihydroxybenzene;<br>hydroquinone;<br>quinol                                      | 204-617-8  | 123-31-9   | Carc. Cat. 3; R40<br>Muta. Cat. 3; R68<br>Xn; R22<br>Xi; R41<br>R43<br>N; R50 | Xn; N<br>R: 22-40-41-43-68-50<br>S: (2-)26-36/37/39-61 | N; R50: C ≥ 2,5 %                                       |          |
| 604-030-00-0   | bisphenol A;<br>4,4'-isopropylidenediphenol   | 201-245-8  | 80-05-7  | Repr. Cat. 3; R62<br>Xi; R37-41<br>R43<br>R52                                 | Xn<br>R: 37-41-43-62-52<br>S: (2-)26-36/37-39-46-61    |   |          |
| 604-055-00-7   | 2,2'-((3,3',5,5'-tetramethyl-(1,1'-biphenyl)-4,4'-diyl)-bis(oxyethylene))-bis-oxirane | 413-900-7  | 85954-11-6   | Carc. Cat. 3; R40<br>R43  | Xn<br>R: 40-43<br>S: (2-)22-36/37                      |   |          |
| 605-004-00-1   | 2,4,6-trimethyl-1,3,5-trioxane;<br>paraldehyde  | 204-639-8  | 123-63-7   | R10   | R: 10<br>S: (2-)29                                     |   |          |
| 605-005-00-7   | 2,4,6,8-tetramethyl-1,3,5,7-tetraoxacyclooctane;<br>metaldehyde                       | 203-600-2  | 108-62-3   | F; R11<br>Xn; R22   | F; Xn<br>R: 11-22<br>S: (2-)13-16-25-46                |   |          |
| 605-010-00-4   | 2-furaldehyde   | 202-627-7  | 98-01-1  | Carc. Cat. 3; R40<br>T; R23/25<br>Xn; R21<br>Xi; R36/37/38                    | T<br>R: 21-23/25-36/37/38-40<br>S: (1/2-)26-36/37-45   |   |          |
| 606-013-00-3   | p-benzoquinone;<br>quinone  | 203-405-2  | 106-51-4   | T; R23/25<br>Xi; R36/37/38<br>N; R50  | T; N<br>R: 23/25-36/37/38-50<br>S: (1/2-)26-28-45-61   | N; R50: C ≥ 2,5 %                                       |          |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                                 | Označovanie   | Limity koncentrácie   | Poznámky |
|----------------|---|-----------|------------|--|---|---|----------|
| 606-021-00-7   | N-methyl-2-pyrrolidone;<br>1-methyl-2-pyrrolidone   | 212-828-1 | 872-50-4   | Repr. Cat. 2; R61<br>Xi; R36/37/38           | T<br>R: 61-36/37/38<br>S: 53-45                                   | Repr. Cat. 2; R61:<br>C ≥ 5 %<br>Xi; R36/37/38:<br>C ≥ 10 %                                 |          |
| 606-034-00-8   | metribuzin (ISO);<br>4-amino-6- <i>tert</i> -butyl-3-methylthio-1,2,4-<br>triazin-5(4 <i>H</i> )-one;<br>4-amino-4,5-dihydro-6-(1,1-dimethylethyl)-<br>3-methylthio-1,2,4-triazin-5-one | 244-209-7 | 21087-64-9 | Xn; R22<br>N; R50-53                         | Xn; N<br>R: 22-50/53<br>S: (2-)60-61                              | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤<br>C < 2,5 %<br>R52-53: 0,025 % ≤<br>C < 0,25 % |          |
| 607-003-00-1   | chloroacetic acid   | 201-178-4 | 79-11-8    | T; R23/24/25<br>C; R34<br>N; R50             | T; N<br>R: 23/24/25-34-50<br>S: (1/2-)26-36/37/39-<br>45-61-63    | C; R34: C ≥ 10 %<br>Xn; 36/37/38: 5 % ≤<br>C < 10 %   |          |
| 607-007-00-3   | salts of oxalic acid with the exception of<br>those specified elsewhere in this Annex   | —         | —          | Xn; R21/22                                   | Xn<br>R: 21/22<br>S: (2-)24/25                                    | Xn; R21/22: C ≥ 5 %   | A        |
| 607-012-00-0   | benzoyl chloride  | 202-710-8 | 98-88-4    | Xn; R20/21/22<br>C; R34<br>R43               | C<br>R: 20/21/22-34-43<br>S: (1/2-)26-36/37/39-45                 |   |          |
| 607-037-00-7   | 2-ethoxyethyl acetate;<br>ethylglycol acetate   | 203-839-2 | 111-15-9   | R10<br>Repr. Cat. 2; R60-61<br>Xn; R20/21/22 | T<br>R: 60-61-10-20/21/22<br>S: 53-45                             |   | E        |
| 607-051-00-3   | MCPA (ISO);<br>4-chloro- <i>o</i> -tolylxyacetic acid   | 202-360-6 | 94-74-6    | Xn; R22<br>Xi; R38-41<br>N; R50-53           | Xn; N<br>R: 22-38-41-50/53<br>S: (2-)26-37-39-60-61               |   |          |
| 607-052-00-9   | salts and esters of MCPA  | —         | —          | Xn; R20/21/22<br>N; R50-53                   | Xn; N<br>R: 20/21/22-50/53<br>S: (2-)13-60-61                     |   | A        |
| 607-065-00-X   | bromoacetic acid  | 201-175-8 | 79-08-3    | T; R23/24/25<br>C; R35<br>R43<br>N; R50      | T; C; N<br>R: 23/24/25-35-43-50<br>S: (1/2-)26-36/37/39-<br>45-61 |   |          |
| 607-085-00-9   | benzyl benzoate   | 204-402-9 | 120-51-4   | Xn; R22<br>N; R51-53                         | Xn; N<br>R: 22-51/53<br>S: (2-)25-46-61                           |   |          |
| 607-095-00-3   | maleic acid   | 203-742-5 | 110-16-7   | Xn; R22<br>Xi; R36/37/38<br>R43              | Xn<br>R: 22-36/37/38-43<br>S: (2-)24-26-28-37-46                  | R43: C ≥ 0,1 %  |          |

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|----------------|--|--------------------------------|-----------------------------|---|---|--|----------|
| 607-103-00-5   | succinic anhydride   | 203-570-0                      | 108-30-5                    | Xn; R22<br>Xi; R36/37                                     | Xn<br>R: 22-36/37<br>S: (2-)25-46                               | Xn; R22: C ≥ 5 %<br>Xi; R36/37: C ≥ 1 %  |          |
| 607-142-00-8   | propyl chloroformate;<br>chloroformic acid propylester;<br><i>n</i> -propyl chloroformate  | 203-687-7                      | 109-61-5                    | F; R11<br>T; R23<br>C; R34                                | F; T<br>R: 11-23-34<br>S: (1/2-)16-26-36-45                     |  |          |
| 607-162-00-7   | dalapon;<br>2,2-dichloropropionic acid; [1]<br>dalapon-sodium;<br>sodium 2,2-dichloropropionate [2]  | 200-923-0 [1]<br>204-828-5 [2] | 75-99-0 [1]<br>127-20-8 [2] | Xi; R38-41<br>R52-53                                      | Xi<br>R: 38-41-52/53<br>S: (2-)26-39-61                         |  |          |
| 607-177-00-9   | Tribenuron-methyl (ISO);<br>2-[4-methoxy-6-methyl-1,3,5-triazin-2-yl(methyl)carbamoylsulfamoyl]benzoic acid methyl ester;<br>methyl 2-(3-(4-methoxy-6-methyl-1,3,5-triazin-2-yl)-3-methylureidosulfonyl)benzoate | 401-190-1                      | 101200-48-0                 | R43<br>N; R50-53  | Xi; N<br>R: 43-50/53<br>S: (2-)24-37-46-60-61                   | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 % |          |
| 607-189-00-4   | trimethylenediaminetetraacetic acid  | 400-400-9                      | 1939-36-2                   | Xn; R22<br>Xi; R41  | Xn<br>R: 22-41<br>S: (2-)22-26-39                               |  |          |
| 607-195-00-7   | 2-methoxy-1-methylethyl acetate  | 203-603-9                      | 108-65-6                    | R10   | R: 10<br>S: (2-)  |  |          |
| 607-213-00-3   | ethyl 3,3-bis( <i>tert</i> -pentylperoxy)butyrate  | 403-320-2                      | 67567-23-1                  | E; R3<br>O; R7<br>R10<br>N; R51-53                        | E; N<br>R: 3-7-10-51/53<br>S: (2-)3/7-14-33-36/37/39-61         |  |          |
| 607-216-00-X   | glutamic acid, reaction products with<br><i>N</i> -(C <sub>12-14</sub> -alkyl)propylenediamine   | 403-950-8                      | —                           | T+; R26<br>Xn; R22<br>C; R34<br>N; R50                    | T+; N<br>R: 22-26-34-50<br>S: (1/2-)26-36/37/39-38-45-61        |  |          |
| 607-231-00-1   | clopyralid (ISO);<br>3,6-dichloropyridine-2-carboxylic acid  | 216-935-4                      | 1702-17-6                   | Xi; R41   | Xi<br>R: 41<br>S: (2-)26-39                                     |  |          |
| 607-245-00-8   | <i>tert</i> -butyl acrylate  | 216-768-7                      | 1663-39-4                   | F; R11<br>Xn; R20/21/22<br>Xi; R37/38<br>R43<br>N; R51-53 | F; Xn; N<br>R: 11-20/21/22-37/38-43-51/53<br>S: (2-)16-25-37-61 |  | D        |

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|----------------|--|-----------|------------|--|--|---|----------|
| 607-252-00-6   | lambda-cyhalothrin (ISO);<br>reaction mass of (S)- $\alpha$ -cyano-3-phenoxybenzyl(Z)-(1R)-cis-3-(2-chloro-3,3,3-trifluoropropenyl)-2,2-dimethylcyclopropanecarboxylate and (R)- $\alpha$ -cyano-3-phenoxybenzyl (Z)-(1S)-cis-3-(2-chloro-3,3,3-trifluoropropenyl)-2,2-dimethylcyclopropanecarboxylate (1:1) | 415-130-7 | 91465-08-6 | T+; R26<br>T; R25<br>Xn; R21<br>N; R50-53    | T+; N<br>R: 21-25-26-50/53<br>S: (1/2-)28-36/37/39-38-45-60-61 | N; R50-53:<br>C $\geq$ 0,0025 %<br>N; R51-53: 0,00025 % $\leq$ C < 0,0025 %<br>R52-53: 0,000025 % $\leq$ C < 0,00025 %              |          |
| 607-253-00-1   | cyfluthrin (ISO);<br>$\alpha$ -cyano-4-fluoro-3-phenoxybenzyl-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate  | 269-855-7 | 68359-37-5 | T+; R28<br>T; R23<br>N; R50-53               | T+; N<br>R: 23-28-50/53<br>S: (1/2-)28-36/37/39-45-60-61       | N; R50-53: C $\geq$ 0,025 %<br>N; R51-53: 0,0025 % $\leq$ C < 0,025 %<br>R52-53: 0,00025 % $\leq$ C < 0,0025 %                      |          |
| 607-319-00-X   | deltamethrin (ISO);<br>(S)- $\alpha$ -cyano-3-phenoxybenzyl (1R, 3R)-3-(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate  | 258-256-6 | 52918-63-5 | T; R23/25<br>N; R50-53                       | T; N<br>R: 23/25-50/53<br>S: (1/2-)24-28-36/37/39-38-45-60-61  | N; R50-53:<br>C $\geq$ 0,000025 %<br>N; R51-53:<br>0,0000025 % $\leq$ C < 0,000025 %<br>R52-53: 0,00000025 % $\leq$ C < 0,0000025 % |          |
| 607-397-00-5   | reaction mass of: Ca salicylates (branched C <sub>10-14</sub> and C <sub>18-30</sub> alkylated);<br>Ca phenates (branched C <sub>10-14</sub> and C <sub>18-30</sub> alkylated);<br>Ca sulfurised phenates (branched C <sub>10-14</sub> and C <sub>18-30</sub> alkylated)                                     | 415-930-6 | —          | Repr. Cat. 3; R62<br>R43                     | Xn<br>R: 43-62<br>S: (2-)23-36/37                              |   |          |
| 607-422-00-X   | $\alpha$ -cypermethrin (ISO);<br>racemate comprising (R)- $\alpha$ -cyano-3-phenoxybenzyl (1S,3S)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate;<br>(S)- $\alpha$ -cyano-3-phenoxybenzyl (1R,3R)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate                                       | 257-842-9 | 67375-30-8 | T; R25<br>Xn; R48/22<br>Xi; R37<br>N; R50-53 | T; N<br>R: 25-37-48/22-50/53<br>S: (1/2-)36/37/39-45-60-61     | N; R50-53: C $\geq$ 0,025 %<br>N; R51-53: 0,0025 % $\leq$ C < 0,025 %<br>R52-53: 0,00025 % $\leq$ C < 0,0025 %                      |          |
| 608-005-00-5   | n-butyronitrile  | 203-700-6 | 109-74-0   | F; R11<br>T; R23/24/25                       | F; T<br>R: 11-23/24/25<br>S: (1/2-)16-36/37-45-63              |   |          |
| 608-011-00-8   | oxalonnitrile;<br>cyanogen   | 207-306-5 | 460-19-5   | F+; R12<br>T; R23<br>N; R50-53               | F+; T; N<br>R: 12-23-50/53<br>S: (1/2-)9-16-23-33-45-63-60-61  |   |          |

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|----------------|---|--------------------------------|--------------------------------|--|---|---|----------|
| 608-014-00-4   | chlorothalonil (ISO);<br>tetrachloroisophthalonitrile   | 217-588-1                      | 1897-45-6                      | Carc. Cat. 3; R40<br>T+; R26<br>Xi; R37-41<br>R43<br>N; R50-53   | T+; N<br>R: 26-37-40-41-43-50/53<br>S: (1/2-)28-36/37/39-45-60-61 | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 %                   |          |
| 608-034-00-3   | chlorfenapyr (ISO);<br>4-bromo-2-(4-chlorophenyl)-1-ethoxymethyl-5-trifluoromethylpyrrole-3-carbonitrile  | —                              | 122453-73-0                    | T; R23<br>Xn; R22<br>N; R50-53   | T; N<br>R: 22-23-50/53<br>S: (1/2-)13-36/37-45-60-61              | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 %              |          |
| 608-058-00-4   | esfenvalerate (ISO);<br>(S)-α-cyano-3-phenoxybenzyl-(S)-2-(4-chlorophenyl)-3-methylbutyrate   | —                              | 66230-04-4                     | T; R23/25<br>R43<br>N; R50-53  | T; N<br>R: 23/25-43-50/53<br>S: (1/2-)24-36/37/39-45-60-61        | N; R50-53:<br>C ≥ 0,0025 %<br>N; R51-53: 0,00025 % ≤ C < 0,0025 %<br>R52-53: 0,000025 % ≤ C < 0,00025 % |          |
| 609-005-00-8   | 1,3,5-trinitrobenzene   | 202-752-7                      | 99-35-4                        | E; R3<br>T+; R26/27/28<br>R33<br>N; R50-53   | E; T+; N<br>R: 3-26/27/28-33-50/53<br>S: (1/2-)28-36/37-45-60-61  |   |          |
| 609-007-00-9   | 2,4-dinitrotoluene; [1]<br>dinitrotoluene [2]   | 204-450-0 [1]<br>246-836-1 [2] | 121-14-2 [1]<br>25321-14-6 [2] | Carc. Cat. 2; R45<br>Muta. Cat. 3; R68<br>Repr. Cat. 3; R62<br>T; R23/24/25<br>Xn; R48/22<br>N; R50-53 | T; N<br>R: 45-23/24/25-48/22-62-68-50/53<br>S: 53-45-60-61        |   | E        |
| 609-009-00-X   | 2,4,6-trinitrophenol;<br>picric acid  | 201-865-9                      | 88-89-1                        | E; R3<br>R4<br>T; R23/24/25  | E; T<br>R: 3-4-23/24/25<br>S: (1/2-)28-35-36/37-45                |   |          |
| 609-018-00-9   | 2,4,6-trinitroresorcinol;<br>styphnic acid  | 201-436-6                      | 82-71-3                        | E; R3<br>R4<br>Xn; R20/21/22   | E; Xn<br>R: 3-4-20/21/22<br>S: (2-)35-36/37                       |   |          |
| 609-023-00-6   | dinocap (ISO);<br>(RS)-2,6-dinitro-4-octylphenyl crotonates and (RS)-2,4-dinitro-6-octylphenyl crotonates in which „octyl“ is a reaction mass of 1-methylheptyl, 1-ethylhexyl and 1-propylpentyl groups | 254-408-0                      | 39300-45-3                     | Repr. Cat. 2; R61<br>Xn; R20/22-48/22<br>Xi; R38<br>R43<br>N; R50-53                                   | T; N<br>R: 61-20/22-38-43-48/22-50/53<br>S: 53-45-60-61           | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 %              | E        |



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|----------------|---|-----------|-------------|--|--|---|----------|
| 609-046-00-1   | trifluralin (ISO) (containing < 0,5 ppm NPDA);<br>α,α,α-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine (containing < 0,5 ppm NPDA);<br>2,6-dinitro-N,N-dipropyl-4-trifluoromethylaniline (containing < 0,5 ppm NPDA);<br>N,N-dipropyl-2,6-dinitro-4-trifluoromethylaniline (containing < 0,5 ppm NPDA)                                    | 216-428-8 | 1582-09-8   | Carc. Cat. 3; R40<br>R43<br>N; R50-53      | Xn; N<br>R: 40-43-50/53<br>S: (2-)36/37-46-60-61                       | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 % |          |
| 611-028-00-3   | C,C'-azodi(formamide)   | 204-650-8 | 123-77-3    | E; R2<br>R42                               | E; Xn<br>R: 2-42<br>S: (2-)22-24-37                                    |   |          |
| 611-035-00-1   | tetralithium 6-amino-4-hydroxy-3-[7-sulfonato-4-(5-sulfonato-2-naphthylazo)-1-naphthylazo]naphthalene-2,7-disulfonate   | 403-660-1 | 107246-80-0 | N; R51-53                                  | N<br>R: 51/53<br>S: 61   |   |          |
| 611-067-00-6   | reaction mass of: bis(tris(2-(2-hydroxy(1-methyl)ethoxy)ethyl)ammonium) 7-anilino-4-hydroxy-3-(2-methoxy-5-methyl-4-(4-sulfonatophenylazo)phenylazo)naphthalene-2-sulfonate;<br>bis(tris(2-(2-hydroxy(2-methyl)ethoxy)ethyl)ammonium) 7-anilino-4-hydroxy-3-(2-methoxy-5-methyl-4-(4-sulfonatophenylazo)phenylazo)naphthalene-2-sulfonate | 406-910-8 | —           | Xn; R22<br>R52-53                          | Xn<br>R: 22-52/53<br>S: (2-)22-61                                      |   |          |
| 611-130-00-8   | tetra-ammonium 2-[6-[7-(2-carboxylato-phenylazo)-8-hydroxy-3,6-disulfonato-1-naphthylamino]-4-hydroxy-1,3,5-triazin-2-ylamino]benzoate  | 418-520-5 | 183130-96-3 | Xi; R36<br>R52-53                          | Xi<br>R: 36-52/53<br>S: (2-)26-39-61                                   |   |          |
| 612-017-00-6   | N-methyl-N-2,4,6-tetranitroaniline;<br>tetryl   | 207-531-9 | 479-45-8    | E; R3<br>T; R23/24/25<br>R33               | E; T<br>R: 3-23/24/25-33<br>S: (1/2-)35-36/37-45-63                    |   |          |
| 612-018-00-1   | bis(2,4,6-trinitrophenyl)amine;<br>hexyl  | 205-037-8 | 131-73-7    | E; R3<br>T+; R26/27/28<br>R33<br>N; R51-53 | E; T+; N<br>R: 3-26/27/28-33-51/53<br>S: (1/2-)27/28-35-36/37-45-61-63 |   |          |

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|----------------|---|-----------|-------------|---|--|--|----------|
| 612-019-00-7   | dipicrylamine, ammonium salt  | 220-639-0 | 2844-92-0   | E; R3<br>T+; R26/27/28<br>R33<br>N; R51-53                | E; T+; N<br>R: 3-26/27/28-33-51/53<br>S: (1/2-)27/28-36/37-45-61-63    |  |          |
| 612-034-00-9   | 2-amino-4,6-dinitrophenol;<br>picramic acid                         | 202-544-6 | 96-91-3     | E; R2<br>Xn; R20/21/22<br>R52-53                          | E; Xn<br>R: 2-20/21/22-52/53<br>S: (2-)35-36/37-46-61                  |  |          |
| 612-044-00-3   | N,N'-diacetylbenzidine  | 210-338-2 | 613-35-4    | Carc. Cat. 2; R45<br>Muta. Cat. 3; R68<br>Xn; R20/21/22   | T<br>R: 45-20/21/22-68<br>S: 53-45                                     |  | E        |
| 612-050-00-6   | cyclohexylamine   | 203-629-0 | 108-91-8    | R10<br>Repr. Cat. 3; R62<br>Xn; R21/22<br>C; R34          | C<br>R: 10-21/22-34-62<br>S: (1/2-)26-36/37/39-45                      | C; 34: C ≥ 10 %<br>Xi; R36/38: 2 % ≤<br>C < 10 % |          |
| 612-057-00-4   | piperazine;<br>[solid]  | 203-808-3 | 110-85-0    | Repr. Cat. 3; R62-63<br>C; R34<br>R42/43                  | Xn; C<br>R: 34-42/43-62-63<br>S: (1/2-)22-26-36/37/39-45               |  |          |
| 612-076-00-8   | ethyl-dimethylamine   | 209-940-8 | 598-56-1    | F; R11<br>Xn; R20/22<br>C; R34                            | F; C<br>R: 11-20/22-34<br>S: (1/2-)3-16-26-36-45                       |  |          |
| 612-083-00-6   | 1-methyl-3-nitro-1-nitrosoguanidine                                 | 200-730-1 | 70-25-7     | Carc. Cat. 2; R45<br>Xn; R20<br>Xi; R36/38<br>N; R51-53   | T; N<br>R: 45-20-36/38-51/53<br>S: 53-45-61                            | Carc. Cat. 2; R45:<br>C ≥ 0,01 %                 | E        |
| 612-094-00-6   | 4-(2-chloro-4-trifluoromethyl)phenoxy-2-fluoroaniline hydrochloride | 402-190-4 | 113674-95-6 | T; R48/25<br>Xn; R22-48/20<br>Xi; R41<br>R43<br>N; R50-53 | T; N<br>R: 22-41-43-48/20-48/25-50/53<br>S: (1/2-)26-36/37/39-45-60-61 |  |          |
| 612-098-00-8   | nitrosodipropylamine  | 210-698-0 | 621-64-7    | Carc. Cat. 2; R45<br>Xn; R22<br>N; R51-53                 | T; N<br>R: 45-22-51/53<br>S: 53-45-61                                  | Carc. Cat. 2; R45:<br>C ≥ 0,001 %                | E        |

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|----------------|--|--------------------------------|---------------------------------|---|---|--|----------|
| 612-099-00-3   | 4-methyl- <i>m</i> -phenylenediamine;<br>2,4-toluenediamine  | 202-453-1                      | 95-80-7                         | Carc. Cat. 2; R45<br>Muta. Cat. 3; R68<br>Repr. Cat. 3; R62<br>T; R25<br>Xn; R21-48/22<br>R43<br>N; R51-53            | T; N<br>R: 45-21-25-43-48/22-<br>62-68-51/53<br>S: 53-45-61                 |  | E        |
| 612-101-00-2   | methenamine;<br>hexamethylenetetramine   | 202-905-8                      | 100-97-0                        | F; R11<br>R43   | F; Xi<br>R: 11-43<br>S: (2-)24-37   |  |          |
| 612-122-00-7   | hydroxylamine ... % [> 55 % in aqueous<br>solution]  | 232-259-2                      | 7803-49-8                       | E; R2<br>Carc. Cat. 3; R40<br>Xn; R21/22-48/22<br>Xi; R37/38-41<br>R43<br>N; R50                                      | E; Xn; N<br>R: 2-21/22-37/38-40-<br>41-43-48/22-50<br>S: (2-)26-36/37/39-61 |  | B        |
| 612-123-00-2   | hydroxylammonium chloride;<br>hydroxylamine hydrochloride; [1]<br>bis(hydroxylammonium) sulfate;<br>hydroxylamine sulfate (2:1) [2]  | 226-798-2 [1]<br>233-118-8 [2] | 5470-11-1 [1]<br>10039-54-0 [2] | E; R2<br>Carc. Cat. 3; R40<br>Xn; R21/22-48/22<br>Xi; R36/38<br>R43<br>N; R50   | E; Xn; N<br>R: 2-21/22-36/38-40-<br>43-48/22-50<br>S: (2-)36/37-61          |  |          |
| 612-151-00-5   | methyl-phenylene diamine;<br>diaminotoluene;<br>[technical product – reaction mass of<br>4-methyl- <i>m</i> -phenylene diamine<br>(EC No 202-453-1) and 2-methyl- <i>m</i> -<br>phenylene diamine (EC No 212-513-9)] | —                              | —                               | Carc. Cat. 2; R45<br>Muta. Cat. 3; R68<br>Repr. Cat. 3; R62<br>T; R25<br>Xn; R21-48/22<br>Xi; R36<br>R43<br>N; R51-53 | T; N<br>R: 45-21-25-36-43-<br>48/22-62-68-51/53<br>S: 53-45-61              |  | E        |
| 613-003-00-2   | 1,2,3,4-tetranitrocarbazole  | —                              | 6202-15-9                       | E; R2<br>Xn; R20/21/22  | E; Xn<br>R: 2-20/21/22<br>S: (2-)35-36/37                                   |  |          |
| 613-010-00-0   | ametryn (ISO);<br>2-ethylamino-4-isopropylamino-6-<br>methylthio-1,3,5-triazine  | 212-634-7                      | 834-12-8                        | Xn; R22<br>N; R50-53  | Xn; N<br>R: 22-50/53<br>S: (2-)36-60-61                                     | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤<br>C < 0,25 %<br>R52-53: 0,0025 % ≤<br>C < 0,025 % |          |

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|----------------|--|--------------------------------|--------------------------------|---|--|---|----------|
| 613-030-00-X   | troclosene potassium; [1]<br>troclosene sodium [2]   | 218-828-8 [1]<br>220-767-7 [2] | 2244-21-5 [1]<br>2893-78-9 [2] | E; R2<br>O; R8<br>Xn; R22<br>Xi; R36/37<br>R31<br>N; R50-53 | E; Xn; N<br>R: 2-8-22-31-36/37-50/53<br>S: (2-)8-26-41-45-60-61      | Xn; R22: C ≥ 10 %<br>Xi; R36/37: C ≥ 10 %<br>R31: C ≥ 10 %                                      | T        |
| 613-044-00-6   | captan (ISO);<br>1,2,3,6-tetrahydro-N-(trichloromethylthio)phthalimide   | 205-087-0                      | 133-06-2                       | Carc. Cat. 3; R40<br>T; R23<br>Xi; R41<br>R43<br>N; R50     | T; N<br>R: 23-40-41-43-50<br>S: (1/2-)26-29-36/37/39-45-61           | N; R50: C ≥ 2,5 %   |          |
| 613-045-00-1   | folpet (ISO);<br>N-(trichloromethylthio)phthalimide  | 205-088-6                      | 133-07-3                       | Carc. Cat. 3; R40<br>Xn; R20<br>Xi; R36<br>R43<br>N; R50    | Xn; N<br>R: 20-36-40-43-50<br>S: (2-)36/37-46-61                     | N; R50: C ≥ 2,5 %   |          |
| 613-060-00-3   | resmethrin (ISO);<br>5-benzyl-3-furylmethyl (±)-cis-trans-chrysanthemate   | 233-940-7                      | 10453-86-8                     | Xn; R22<br>N; R50-53  | Xn; N<br>R: 22-50/53<br>S: (2-)60-61                                 | N; R50-53: C ≥ 0,025 %<br>N; R51-53: 0,0025 % ≤ C < 0,025 %<br>R52-53: 0,00025 % ≤ C < 0,0025 % |          |
| 613-116-00-7   | tolyfluanid (ISO);<br>dichloro-N-[(dimethylamino)sulphonyl]fluoro-N-(p-tolyl)methanesulphenamide;<br>[containing ≥ 0,1 % (w/w) of particles with an aerodynamic diameter of below 50 µm] | 211-986-9                      | 731-27-1                       | T+; R26<br>T; R48/23<br>Xi; R36/37/38<br>R43<br>N; R50      | T+; N<br>R: 26-36/37/38-43-48/23-50<br>S: (1/2-)28-36/37/39-45-63-61 | N; R50: C ≥ 2,5 %   |          |
| 613-120-00-9   | bioresmethrin (ISO);<br>(5-benzylfur-3-yl)methyl(1R)-trans-2,2-dimethyl-3-(2-methylpropenyl)cyclopropanecarboxylate  | 249-014-0                      | 28434-01-7                     | N; R50-53   | N<br>R: 50/53<br>S: 60-61  | N; R50-53: C ≥ 0,025 %<br>N; R51-53: 0,0025 % ≤ C < 0,025 %<br>R52-53: 0,00025 % ≤ C < 0,0025 % |          |
| 613-139-00-2   | metsulfuron-methyl (ISO);<br>2-(4-methoxy-6-methyl-1,3,5-triazin-2-ylcarbamoylsulfamoyl) benzoic acid  | —                              | 74223-64-6                     | N; R50-53   | N<br>R: 50/53<br>S: 60-61  | N; R50-53: C ≥ 0,025 %<br>N; R51-53: 0,0025 % ≤ C < 0,025 %<br>R52-53: 0,00025 % ≤ C < 0,0025 % |          |

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|----------------|---|----------------|------------------------------------|--|--|---|----------|
| 613-163-00-3   | azimsulfuron (ISO);<br>1-(4,6-dimethoxypyrimidin-2-yl)-3-[1-methyl-4-(2-methyl-2H-tetrazol-5-yl)pyrazol-5-ylsulfonyl]urea   | —              | 120162-55-2                        | N; R50-53  | N<br>R: 50/53<br>S: 60-61                                    | N; R50-53: C ≥ 0,025 %<br>N; R51-53: 0,0025 % ≤ C < 0,025 %<br>R52-53: 0,00025 % ≤ C < 0,0025 % |          |
| 613-164-00-9   | flufenacet (ISO);<br>N-(4-fluorophenyl)-N-isopropyl-2-(5-trifluoromethyl-[1,3,4]thiadiazol-2-yloxy)acetamide  | —              | 142459-58-3                        | Xn; R22-48/22<br>R43<br>N; R50-53                              | Xn; N<br>R: 22-43-48/22-50/53<br>S: (2-)13-24-37-60-61       | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 %      |          |
| 613-165-00-4   | flupyrsulfuron-methyl-sodium (ISO);<br>methyl 2-[[[(4,6-dimethoxypyrimidin-2-ylcarbamoil)sulfamoyl]-6-trifluoromethyl]nicotinate, monosodium salt   | —              | 144740-54-5                        | N; R50-53  | N<br>R: 50/53<br>S: 60-61                                    | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 %      |          |
| 613-166-00-X   | flumioxazin (ISO);<br>N-(7-fluoro-3,4-dihydro-3-oxo-4-prop-2-ynyl-2H-1,4-benzoxazin-6-yl)cyclohex-1-ene-1,2-dicarboxamide   | —              | 103361-09-7                        | Repr. Cat. 2; R61<br>N; R50-53                                 | T; N<br>R: 61-50/53<br>S: 53-45-60-61                        | N; R50-53: C ≥ 0,025 %<br>N; R51-53: 0,0025 % ≤ C < 0,025 %<br>R52-53: 0,00025 % ≤ C < 0,0025 % |          |
| 613-169-00-6   | 9-vinylcarbazole  | 216-055-0      | 1484-13-5                          | Muta. Cat. 3; R68<br>Xn; R21/22<br>Xi; R38<br>R43<br>N; R50-53 | Xn; N<br>R: 21/22-38-43-68-50/53<br>S: (2-)22-23-36/37-60-61 | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 %      |          |
| 613-174-00-3   | tetraconazole (ISO);<br>(±) 2-(2,4-dichlorophenyl)-3-(1H-1,2,4-triazol-1-yl)propyl-1,1,2,2-tetrafluoroethylether  | 407-760-6      | 112281-77-3                        | Xn; R20/22<br>N; R51-53  | Xn; N<br>R: 20/22-51/53<br>S: (2-)36-61                      |   |          |
| 613-203-00-X   | pyraflufen-ethyl (ISO);<br>2-chloro-5-(4-chloro-5-difluoromethoxy-1-methylpyrazol-3-yl)-4-fluorophenoxyacetic acid ethyl ester; [1]<br>pyraflufen (ISO);<br>2-chloro-5-(4-chloro-5-difluoromethoxy-1-methylpyrazol-3-yl)-4-fluorophenoxyacetic acid [2] | - [1]<br>- [2] | 129630-19-9 [1]<br>129630-17-7 [2] | N; R50-53  | N<br>R: 50/53<br>S: 60-61                                    | N; R50-53: C ≥ 0,025 %<br>N; R51-53: 0,0025 % ≤ C < 0,025 %<br>R52-53: 0,00025 % ≤ C < 0,0025 % |          |

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|----------------|---|--|--|--|--|---|----------|
| 613-204-00-5   | oxadiargyl (ISO);<br>3-[2,4-dichloro-5-(2-propynyloxy)phenyl]-<br>5-(1,1-dimethylethyl)-1,3,4-oxadiazol-<br>2(3H)-one;<br>5- <i>tert</i> -butyl-3-[2,4-dichloro-5-(prop-2-<br>ynyloxy)phenyl]-1,3,4-oxadiazol-2(3H)-one   | 254-637-6  | 39807-15-3   | Repr. Cat. 3; R63<br>Xn; R48/22<br>N; R50-53                                   | Xn; N<br>R: 48/22-63-50/53<br>S: (2-)36/37-46-60-61                                      | N; R50-53: C ≥ 0,025 %<br>N; R51-53: 0,0025 % ≤<br>C < 0,025 %<br>R52-53: 0,00025 % ≤<br>C < 0,0025 % |          |
| 614-005-00-6   | colchicine  | 200-598-5  | 64-86-8  | Muta. Cat. 2; R46<br>T+; R28   | T+<br>R: 46-28<br>S: 53-45   |   | E        |
| 615-001-00-7   | methyl isocyanate   | 210-866-3  | 624-83-9   | F; R11<br>Repr. Cat. 3; R63<br>T+; R26<br>T; R24/25<br>R42/43<br>Xi; R37/38-41 | F; T+<br>R: 11-24/25-26-37/38-<br>41-42/43-63<br>S: (1/2-)16-26-27/28-<br>36/37/39-45-63 |   |          |
| 615-004-00-3   | salts of thiocyanic acid, with the exception<br>of those specified elsewhere in this Annex  | —  | —  | Xn; R20/21/22<br>R32<br>R52-53   | Xn<br>R: 20/21/22-32-52/53<br>S: (2-)13-36/37-46-61                                      |   | A        |
| 615-005-00-9   | 4,4'-methylenediphenyl diisocyanate;<br>diphenylmethane-4,4'-diisocyanate; [1]<br>2,2'-methylenediphenyl diisocyanate;<br>diphenylmethane-2,2'-diisocyanate; [2]<br><i>o</i> -( <i>p</i> -isocyanatobenzyl)phenyl isocyanate;<br>diphenylmethane-2,4'-diisocyanate; [3]<br>methylenediphenyl diisocyanate [4] | 202-966-0 [1]<br>219-799-4 [2]<br>227-534-9 [3]<br>247-714-0 [4] | 101-68-8 [1]<br>2536-05-2 [2]<br>5873-54-1 [3]<br>26447-40-5 [4] | Carc. Cat. 3; R40<br>Xn; R20-48/20<br>Xi; R36/37/38<br>R42/43                  | Xn<br>R: 20-36/37/38-40-<br>42/43-48/20<br>S: (1/2-)23-36/37-45                          | Xi; R36/37/38: C ≥ 5 %<br>R42: C ≥ 0,1 %  | C<br>2   |
| 615-022-00-1   | methyl 3-isocyanatosulfonyl-2-thiophene-<br>carboxylate   | 410-550-7  | 79277-18-2   | R14<br>Xn; R48/22<br>R42/43  | Xn<br>R: 14-42/43-48/22<br>S: (2-)22-30-35-36/37-<br>45                                  |   |          |
| 615-028-00-4   | ethyl 2-(isocyanatosulfonyl)benzoate  | 410-220-2  | 77375-79-2   | R14<br>Xn; R22-48/22<br>Xi; R41<br>R42/43                                      | Xn<br>R: 14-22-41-42/43-<br>48/22<br>S: (2-)8-23-26-30-35-<br>36/37/39                   |   |          |
| 615-030-00-5   | alkali salts and alkali earth salts of thiocya-<br>nic acid, with the exception of those speci-<br>fied elsewhere in this Annex   | —  | —  | Xn; R20/21/22<br>R32<br>R52-53   | Xn<br>R: 20/21/22-32-52/53<br>S: (2-)13-36/37-46-61                                      |   | A        |

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|----------------|--|--|---|--|--|---|----------|
| 615-031-00-0   | thallium thiocyanate   | 222-571-7  | 3535-84-0   | T+; R26/28<br>Xn; R21<br>R32<br>R33<br>N; R51-53 | T+; N<br>R: 21-26/28-32-33-51/53<br>S: (1/2-)13-28-36/37-45-61 |   |          |
| 615-032-00-6   | metal salts of thiocyanic acid, with the exception of those specified elsewhere in this Annex  | —  | —   | Xn; R20/21/22<br>R32<br>N; R50-53                | Xn; N<br>R: 20/21/22-32-50/53<br>S: (2-)13-36/37-46-60-61      |   | A        |
| 616-006-00-7   | dichlofluamid (ISO);<br>N-dichlorofluoromethylthio-N',N'-dimethyl-N-phenylsulfamide  | 214-118-7  | 1085-98-9   | Xn; R20<br>Xi; R36<br>R43<br>N; R50              | Xn; N<br>R: 20-36-43-50<br>S: (2-)24-37-61                     | N; R50: C ≥ 2,5 %                                 |          |
| 616-009-00-3   | propanil (ISO);<br>3',4'-dichloropropionanilide  | 211-914-6  | 709-98-8  | Xn; R22<br>N; R50                                | Xn; N<br>R: 22-50<br>S: (2-)22-61                              | N; R50: C ≥ 2,5 %                                 |          |
| 616-124-00-9   | lithium bis(trifluoromethylsulfonyl)imide  | 415-300-0  | 90076-65-6  | T; R24/25<br>Xn; R48/22<br>C; R34<br>R52-53      | T<br>R: 24/25-34-48/22-52/53<br>S: (1/2-)22-26-36/37/39-45-61  |   |          |
| 617-008-00-0   | dibenzoyl peroxide;<br>benzoyl peroxide  | 202-327-6  | 94-36-0   | E; R3<br>O; R7<br>Xi; R36<br>R43                 | E; Xi<br>R: 3-7-36-43<br>S: (2-)3/7-14-36/37/39                |   |          |
| 617-010-00-1   | 1-hydroperoxycyclohexyl<br>1-hydroxycyclohexyl peroxide; [1]<br>1,1'-dioxybiscyclohexan-1-ol; [2]<br>cyclohexylidene hydroperoxide; [3]<br>cyclohexanone, peroxide [4] | 201-091-1 [1]<br>219-306-2 [2]<br>220-279-4 [3]<br>235-527-7 [4] | 78-18-2 [1]<br>2407-94-5 [2]<br>2699-11-8 [3]<br>12262-58-7 [4] | E; R3<br>O; R7<br>C; R34<br>Xn; R22              | E; C<br>R: 3-7-22-34<br>S: (1/2-)3/7-14-36/37/39-45            | C; R34: C ≥ 10 %<br>Xi; R36/37/38: 5 % ≤ C < 10 % | C        |
| 617-017-00-X   | reaction mass of: 2,2'-bis( <i>tert</i> -pentylperoxy)- <i>p</i> -diisopropylbenzene;<br>2,2'-bis( <i>tert</i> -pentylperoxy)- <i>m</i> -diisopropylbenzene            | 412-140-3  | 32144-25-5  | E; R2<br>O; R7<br>R53                            | E<br>R: 2-7-53<br>S: (2-)3/7-14-36/37/39-61                    |   | T        |

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|----------------|--|-----------|-------------|--|---------------------------|---------------------|----------|
| 648-002-00-6   | Tar oils, brown-coal;<br>Light Oil;<br>[The distillate from lignite tar boiling in the range of approximately 80 °C to 250 °C (176 °F to 482 °F). Composed primarily of aliphatic and aromatic hydrocarbons and monobasic phenols.]  | 302-674-4 | 94114-40-6  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-003-00-1   | Benzol forerunnings (coal);<br>Light Oil Redistillate, low boiling;<br>[The distillate from coke oven light oil having an approximate distillation range below 100 °C (212 °F). Composed primarily of C <sub>4</sub> to C <sub>6</sub> aliphatic hydrocarbons.]  | 266-023-5 | 65996-88-5  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-004-00-7   | Distillates (coal tar), benzole fraction, BTX-rich;<br>Light Oil Redistillate, low boiling;<br>[A residue from the distillation of crude benzole to remove benzole fronts. Composed primarily of benzene, toluene and xylenes boiling in the range of approximately 75 °C to 200 °C (167 °F to 392 °F).] | 309-984-9 | 101896-26-8 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-005-00-2   | Aromatic hydrocarbons, C <sub>6-10</sub> , C <sub>8</sub> -rich;<br>Light Oil Redistillate, low boiling  | 292-697-5 | 90989-41-6  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-006-00-8   | Solvent naphtha (coal), light;<br>Light Oil Redistillate, low boiling  | 287-498-5 | 85536-17-0  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-007-00-3   | Solvent naphtha (coal), xylene-styrene cut;<br>Light Oil Redistillate, intermediate boiling  | 287-502-5 | 85536-20-5  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-008-00-9   | Solvent naphtha (coal), coumarone-styrene contg.;<br>Light Oil Redistillate, intermediate boiling  | 287-500-4 | 85536-19-2  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-009-00-4   | Naphtha (coal), distn. residues;<br>Light Oil Redistillate, high boiling;<br>[The residue remaining from the distillation of recovered naphtha. Composed primarily of naphthalene and condensation products of indene and styrene.]  | 292-636-2 | 90641-12-6  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |



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|----------------|---|-----------|-------------|--|---------------------------|---------------------|----------|
| 648-010-00-X   | Aromatic hydrocarbons, C <sub>8</sub> ;<br>Light Oil Redistillate, high boiling   | 292-694-9 | 90989-38-1  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-012-00-0   | Aromatic hydrocarbons, C <sub>8-9</sub> , hydrocarbon resin polymn. by-product;<br>Light Oil Redistillate, high boiling;<br>[A complex combination of hydrocarbons obtained from the evaporation of solvent under vacuum from polymerized hydrocarbon resin. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>8</sub> through C <sub>9</sub> and boiling in the range of approximately 120 °C to 215 °C (248 °F to 419 °F).] | 295-281-1 | 91995-20-9  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-013-00-6   | Aromatic hydrocarbons, C <sub>9-12</sub> , benzene distn.;<br>Light Oil Redistillate, high boiling  | 295-551-9 | 92062-36-7  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-014-00-1   | Extract residues (coal), benzole fraction alk., acid ext.;<br>Light Oil Extract Residues, low boiling;<br>[The redistillate from the distillate, freed of tar acids and tar bases, from bituminous coal high temperature tar boiling in the approximate range of 90 °C to 160 °C (194 °F to 320 °F). It consists predominantly of benzene, toluene and xylenes.]  | 295-323-9 | 91995-61-8  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-015-00-7   | Extract residues (coal tar), benzole fraction alk., acid ext.;<br>Light Oil Extract Residues, low boiling;<br>[A complex combination of hydrocarbons obtained by the redistillation of the distillate of high temperature coal tar (tar acid and tar base free). It consists predominantly of unsubstituted and substituted mononuclear aromatic hydrocarbons boiling in the range of 85 °C to 195 °C (185 °F to 383 °F).]  | 309-868-8 | 101316-63-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-016-00-2   | Extract residues (coal), benzole fraction acid;<br>Light Oil Extract Residues, low boiling;<br>[An acid sludge by-product of the sulfuric acid refining of crude high temperature coal. Composed primarily of sulfuric acid and organic compounds.]   | 298-725-2 | 93821-38-6  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |

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|----------------|--|-----------|-------------|--|---------------------------|---------------------|----------|
| 648-017-00-8   | Extract residues (coal), light oil alk., distn. overheads;<br>Light Oil Extract Residues, low boiling;<br>[The first fraction from the distillation of aromatic hydrocarbons, coumarone, naphthalene and indene rich prefractionator bottoms or washed carbolic oil boiling substantially below 145 °C (293 °F). Composed primarily of C <sub>7</sub> and C <sub>8</sub> aliphatic and aromatic hydrocarbons.]                               | 292-625-2 | 90641-02-4  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-018-00-3   | Extract residues (coal), light oil alk., acid ext., indene fraction;<br>Light Oil Extract Residues, intermediate boiling   | 309-867-2 | 101316-62-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-019-00-9   | Extract residues (coal), light oil alk., indene naphtha fraction;<br>Light Oil Extract Residues, high boiling;<br>[The distillate from aromatic hydrocarbons, coumarone, naphthalene and indene rich prefractionator bottoms or washed carbolic oils, having an approximate boiling range of 155 °C to 180 °C (311 °F to 356 °F). Composed primarily of indene, indan and trimethylbenzenes.]  | 292-626-8 | 90641-03-5  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-020-00-4   | Solvent naphtha (coal);<br>Light Oil Extract Residues, high boiling;<br>[The distillate from either high temperature coal tar, coke oven light oil, or coal tar oil alkaline extract residue having an approximate distillation range of 130 °C to 210 °C (266 °F to 410 °F). Composed primarily of indene and other polycyclic ring systems containing a single aromatic ring. May contain phenolic compounds and aromatic nitrogen bases.] | 266-013-0 | 65996-79-4  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-021-00-X   | Distillates (coal tar), light oils, neutral fraction; Light Oil Extract Residues, high boiling;<br>[A distillate from the fractional distillation of high temperature coal tar. Composed primarily of alkyl-substituted one ring aromatic hydrocarbons boiling in the range of approximately 135 °C to 210 °C (275 °F to 410 °F). May also include unsaturated hydrocarbons such as indene and coumarone.]                                   | 309-971-8 | 101794-90-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |

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|----------------|--|-----------|------------|--|---------------------------|---------------------|----------|
| 648-022-00-5   | Distillates (coal tar), light oils, acid exts.;<br>Light Oil Extract Residues, high boiling;<br>[This oil is a complex reaction mass of aromatic hydrocarbons, primarily indene, naphthalene, coumarone, phenol, and <i>o</i> -, <i>m</i> - and <i>p</i> -cresol and boiling in the range of 140 °C to 215 °C (284 °F to 419 °F).] | 292-609-5 | 90640-87-2 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-023-00-0   | Distillates (coal tar), light oils; Carbolic Oil;<br>[A complex combination of hydrocarbons obtained by distillation of coal tar. It consists of aromatic and other hydrocarbons, phenolic compounds and aromatic nitrogen compounds and distills at the approximate range of 150 °C to 210 °C (302 °F to 410 °F).]                | 283-483-2 | 84650-03-3 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-024-00-6   | Tar oils, coal;<br>Carbolic Oil;<br>[The distillate from high temperature coal tar having an approximate distillation range of 130 °C to 250 °C (266 °F to 410 °F). Composed primarily of naphthalene, alkylnaphthalenes, phenolic compounds, and aromatic nitrogen bases.]  | 266-016-7 | 65996-82-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-026-00-7   | Extract residues (coal), light oil alk., acid ext.;<br>Carbolic Oil Extract Residue;<br>[The oil resulting from the acid washing of alkali-washed carbolic oil to remove the minor amounts of basic compounds (tar bases). Composed primarily of indene, indan and alkybenzenes.]  | 292-624-7 | 90641-01-3 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-027-00-2   | Extract residues (coal), tar oil alk.;<br>Carbolic Oil Extract Residue;<br>[The residue obtained from coal tar oil by an alkaline wash such as aqueous sodium hydroxide after the removal of crude coal tar acids. Composed primarily of naphthalenes and aromatic nitrogen bases.]  | 266-021-4 | 65996-87-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-028-00-8   | Extract oils (coal), light oil;<br>Acid Extract;<br>[The aqueous extract produced by an acidic wash of alkali-washed carbolic oil. Composed primarily of acid salts of various aromatic nitrogen bases including pyridine, quinoline and their alkyl derivatives.]   | 292-622-6 | 90640-99-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |

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|----------------|--|-----------|------------|--|---------------------------|---------------------|----------|
| 648-029-00-3   | Pyridine, alkyl derivs.;<br>Crude Tar Bases;<br>[The complex combination of polyalkylated pyridines derived from coal tar distillation or as high-boiling distillates approximately above 150 °C (302 °F) from the reaction of ammonia with acetaldehyde, formaldehyde or paraformaldehyde.]   | 269-929-9 | 68391-11-7 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-030-00-9   | Tar bases, coal, picoline fraction;<br>Distillate Bases;<br>[Pyridine bases boiling in the range of approximately 125 °C to 160 °C (257 °F 320 °F) obtained by distillation of neutralized acid extract of the base-containing tar fraction obtained by the distillation of bituminous coal tars. Composed chiefly of lutidines and picolines.]                      | 295-548-2 | 92062-33-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-031-00-4   | Tar bases, coal, lutidine fraction;<br>Distillate Bases  | 293-766-2 | 91082-52-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-032-00-X   | Extract oils (coal), tar base, collidine fraction;<br>Distillate Bases;<br>[The extract produced by the acidic extraction of bases from crude coal tar aromatic oils, neutralization, and distillation of the bases. Composed primarily of collidines, aniline, toluidines, lutidines, xyloidines.]  | 273-077-3 | 68937-63-3 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-033-00-5   | Tar bases, coal, collidine fraction;<br>Distillate Bases;<br>[The distillation fraction boiling in the range of approximately 181 °C to 186 °C (356 °F to 367 °F) from the crude bases obtained from the neutralized, acid-extracted base-containing tar fractions obtained by the distillation of bituminous coal tar. It contains chiefly aniline and collidines.] | 295-543-5 | 92062-28-7 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |

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|----------------|--|-----------|------------|--|---------------------------|---------------------|----------|
| 648-034-00-0   | Tar bases, coal, aniline fraction;<br>Distillate Bases;<br>[The distillation fraction boiling in the range of approximately 180 °C to 200 °C (356 °F to 392 °F) from the crude bases obtained by dephenolating and debasing the carbolated oil from the distillation of coal tar. It contains chiefly aniline, collidines, lutidines and toluidines.]  | 295-541-4 | 92062-27-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-035-00-6   | Tar bases, coal, toluidine fraction;<br>Distillate Bases   | 293-767-8 | 91082-53-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-036-00-1   | Distillates (petroleum), alkene-alkyne manuf. pyrolysis oil, mixed with high-temp. coal tar, indene fraction;<br>Redistillates;<br>[A complex combination of hydrocarbons obtained as a redistillate from the fractional distillation of bituminous coal high temperature tar and residual oils that are obtained by the pyrolytic production of alkenes and alkynes from petroleum products or natural gas. It consists predominantly of indene and boils in a range of approximately 160 °C to 190 °C (320 °F to 374 °F).] | 295-292-1 | 91995-31-2 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-037-00-7   | Distillates (coal), coal tar-residual pyrolysis oils, naphthalene oils;<br>Redistillates;<br>[The redistillate obtained from the fractional distillation of bituminous coal high temperature tar and pyrolysis residual oils and boiling in the range of approximately 190 °C to 270 °C (374 °F to 518 °F). Composed primarily of substituted dinuclear aromatics.]  | 295-295-8 | 91995-35-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |

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|----------------|--|-----------|-------------|--|---------------------------|---------------------|----------|
| 648-038-00-2   | Extract oils (coal), coal tar-residual pyrolysis oils, naphthalene oil, redistillate;<br>Redistillates;<br>[The redistillate from the fractional distillation of dephenolated and debased methylnaphthalene oil obtained from bituminous coal high temperature tar and pyrolysis residual oils boiling in the approximate range of 220 °C to 230 °C (428 °F to 446 °F). It consists predominantly of unsubstituted and substituted dinuclear aromatic hydrocarbons.] | 295-329-1 | 91995-66-3  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-039-00-8   | Extract oils (coal), coal tar-residual pyrolysis oils, naphthalene oils;<br>Redistillates;<br>[A neutral oil obtained by debasing and dephenolating the oil obtained from the distillation of high temperature tar and pyrolysis residual oils which has a boiling range of 225 °C to 255 °C (437 °F to 491 °F). Composed primarily of substituted dinuclear aromatic hydrocarbons.]   | 310-170-0 | 122070-79-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-040-00-3   | Extract oils (coal), coal tar residual pyrolysis oils, naphthalene oil, distn. residues;<br>Redistillates;<br>[Residue from the distillation of dephenolated and debased methylnaphthalene oil (from bituminous coal tar and pyrolysis residual oils) with a boiling range of 240 °C to 260 °C (464 °F to 500 °F). Composed primarily of substituted dinuclear aromatic and heterocyclic hydrocarbons.]  | 310-171-6 | 122070-80-8 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-043-00-X   | Creosote oil, acenaphthene fraction, acenaphthene-free;<br>Wash Oil Redistillate;<br>[The oil remaining after removal by a crystallization process of acenaphthene from acenaphthene oil from coal tar. Composed primarily of naphthalene and alkylnaphthalenes.]  | 292-606-9 | 90640-85-0  | Carc. Cat. 2; R45                      | T<br>R: 45<br>S: 53-45    |                     | H M      |

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|----------------|--|-----------|------------|--|---------------------------|---------------------|----------|
| 648-080-00-1   | Residues (coal tar), creosote oil distn.;<br>Wash Oil Redistillate;<br>[The residue from the fractional distillation of wash oil boiling in the approximate range of 270 °C to 330 °C (518 °F to 626 °F). It consists predominantly of dinuclear aromatic and heterocyclic hydrocarbons.]  | 295-506-3 | 92061-93-3 | Carc. Cat. 2; R45                      | T<br>R: 45<br>S: 53-45    |                     | H M      |
| 648-084-00-3   | Distillates (coal), coke-oven light oil, naphthalene cut;<br>Naphthalene Oil;<br>[The complex combination of hydrocarbons obtained from prefractionation (continuous distillation) of coke oven light oil. It consists predominantly of naphthalene, coumarone and indene and boils above 148 °C (298 °F).]  | 285-076-5 | 85029-51-2 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-085-00-9   | Distillates (coal tar), naphthalene oils;<br>Naphthalene Oil;<br>[A complex combination of hydrocarbons obtained by the distillation of coal tar. It consists primarily of aromatic and other hydrocarbons, phenolic compounds and aromatic nitrogen compounds and distills in the approximate range of 200 °C to 250 °C (392 °F to 482 °F).]  | 283-484-8 | 84650-04-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-086-00-4   | Distillates (coal tar), naphthalene oils, naphthalene-low;<br>Naphthalene Oil Redistillate;<br>[A complex combination of hydrocarbons obtained by crystallization of naphthalene oil. Composed primarily of naphthalene, alkyl naphthalenes and phenolic compounds.]   | 284-898-1 | 84989-09-3 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-087-00-X   | Distillates (coal tar), naphthalene oil crystn. mother liquor;<br>Naphthalene Oil Redistillate;<br>[A complex combination of organic compounds obtained as a filtrate from the crystallization of the naphthalene fraction from coal tar and boiling in the range of approximately 200 °C to 230 °C (392 °F to 446 °F). Contains chiefly naphthalene, thionaphthene and alkyl naphthalenes.] | 295-310-8 | 91995-49-2 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |

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|----------------|--|-----------|-------------|--|---------------------------|---------------------|----------|
| 648-088-00-5   | Extract residues (coal), naphthalene oil, alk.;<br>Naphthalene Oil Extract Residue;<br>[A complex combination of hydrocarbons obtained from the alkali washing of naphthalene oil to remove phenolic compounds (tar acids). It is composed of naphthalene and alkyl naphthalenes.]   | 310-166-9 | 121620-47-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-089-00-0   | Extract residues (coal), naphthalene oil, alk.,<br>naphthalene-low;<br>Naphthalene Oil Extract Residue;<br>[A complex combination of hydrocarbons remaining after the removal of naphthalene from alkali-washed naphthalene oil by a crystallization process. It is composed primarily of naphthalene and alkyl naphthalenes.]                               | 310-167-4 | 121620-48-2 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-090-00-6   | Distillates (coal tar), naphthalene oils,<br>naphthalene-free, alk. exts.;<br>Naphthalene Oil Extract Residue;<br>[The oil remaining after the removal of phenolic compounds (tar acids) from drained naphthalene oil by an alkali wash. Composed primarily of naphthalene and alkyl naphthalenes.]  | 292-612-1 | 90640-90-7  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-091-00-1   | Extract residues (coal), naphthalene oil alk.,<br>distn. overheads;<br>Naphthalene Oil Extract Residue;<br>[The distillate from alkali-washed naphthalene oil having an approximate distillation range of 180 °C to 220 °C (356 °F to 428 °F). Composed primarily of naphthalene, alkylbenzenes, indene and indan.]  | 292-627-3 | 90641-04-6  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-092-00-7   | Distillates (coal tar), naphthalene oils, methyl<br>naphthalene fraction;<br>Methylnaphthalene Oil;<br>[A distillate from the fractional distillation of high temperature coal tar. Composed primarily of substituted two ring aromatic hydrocarbons and aromatic nitrogen bases boiling in the range of approximately 225 °C to 255 °C (437 °F to 491 °F).] | 309-985-4 | 101896-27-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |



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|----------------|--|-----------|-------------|--|---------------------------|---------------------|----------|
| 648-093-00-2   | Distillates (coal tar), naphthalene oils, indole-methylnaphthalene fraction; Methylnaphthalene Oil;<br>[A distillate from the fractional distillation of high temperature coal tar. Composed primarily of indole and methylnaphthalene boiling in the range of approximately 235 °C to 255 °C (455 °F to 491 °F).]   | 309-972-3 | 101794-91-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-094-00-8   | Distillates (coal tar), naphthalene oils, acid exts.;<br>Methylnaphthalene Oil Extract Residue;<br>[A complex combination of hydrocarbons obtained by debasing the methylnaphthalene fraction obtained by the distillation of coal tar and boiling in the range of approximately 230 °C to 255 °C (446 °F to 491 °F). Contains chiefly 1(2)-methylnaphthalene, naphthalene, dimethylnaphthalene and biphenyl.] | 295-309-2 | 91995-48-1  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-095-00-3   | Extract residues (coal), naphthalene oil alk., distn. residues;<br>Methylnaphthalene Oil Extract Residue;<br>[The residue from the distillation of alkali-washed naphthalene oil having an approximate distillation range of 220 °C to 300 °C (428 °F to 572 °F). Composed primarily of naphthalene, alkyl naphthalenes and aromatic nitrogen bases.]  | 292-628-9 | 90641-05-7  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-096-00-9   | Extract oils (coal), acidic, tar-base free;<br>Methylnaphthalene Oil Extract Residue;<br>[The extract oil boiling in the range of approximately 220 °C to 265 °C (428 °F to 509 °F) from coal tar alkaline extract residue produced by an acidic wash such as aqueous sulfuric acid after distillation to remove tar bases. Composed primarily of alkyl naphthalenes.]   | 284-901-6 | 84989-12-8  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |

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|----------------|---|-----------|-------------|--|---------------------------|---------------------|----------|
| 648-097-00-4   | Distillates (coal tar), benzole fraction, distn. residues;<br>Wash Oil;<br>[A complex combination of hydrocarbons obtained from the distillation of crude benzole (high temperature coal tar). It may be a liquid with the approximate distillation range of 150 °C to 300 °C (302 °F to 572 °F) or a semi-solid or solid with a melting point up to 70 °C (158 °F). It is composed primarily of naphthalene and alkyl naphthalenes.] | 310-165-3 | 121620-46-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-098-00-X   | Creosote oil, acenaphthene fraction;<br>Wash Oil;<br>[A complex combination of hydrocarbons produced by the distillation of coal tar and boiling in the range of approximately 240 °C to 280 °C (464 °F to 536 °F). Composed primarily of acenaphthene, naphthalene and alkyl naphthalene.]   | 292-605-3 | 90640-84-9  | Carc. Cat. 2; R45                      | T<br>R: 45<br>S: 53-45    |                     | H M      |
| 648-099-00-5   | Creosote oil;<br>[A complex combination of hydrocarbons obtained by the distillation of coal tar. It consists primarily of aromatic hydrocarbons and may contain appreciable quantities of tar acids and tar bases. It distills at the approximate range of 200 °C to 325 °C (392 °F to 617 °F).]   | 263-047-8 | 61789-28-4  | Carc. Cat. 2; R45                      | T<br>R: 45<br>S: 53-45    |                     | H M      |
| 648-100-00-9   | Creosote oil, high-boiling distillate;<br>Wash Oil;<br>[The high-boiling distillation fraction obtained from the high temperature carbonization of bituminous coal which is further refined to remove excess crystalline salts. It consists primarily of creosote oil with some of the normal polynuclear aromatic salts, which are components of coal tar distillates, removed. It is crystal free at approximately 5 °C (41 °F).]   | 274-565-9 | 70321-79-8  | Carc. Cat. 2; R45                      | T<br>R: 45<br>S: 53-45    |                     | H M      |

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|----------------|---|-----------|-------------|--|---------------------------|---------------------|----------|
| 648-102-00-X   | Extract residues (coal), creosote oil acid;<br>Wash Oil Extract Residue;<br>[A complex combination of hydrocarbons from the base-freed fraction from the distillation of coal tar, boiling in the range of approximately 250 °C to 280 °C (482 °F to 536 °F). It consists predominantly of biphenyl and isomeric diphenylnaphthalenes.]   | 310-189-4 | 122384-77-4 | Carc. Cat. 2; R45                      | T<br>R: 45<br>S: 53-45    |                     | H M      |
| 648-103-00-5   | Anthracene oil, anthracene paste;<br>Anthracene Oil Fraction;<br>[The anthracene-rich solid obtained by the crystallization and centrifuging of anthracene oil. It is composed primarily of anthracene, carbazole and phenanthrene.]  | 292-603-2 | 90640-81-6  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-104-00-0   | Anthracene oil, anthracene-low;<br>Anthracene Oil Fraction;<br>[The oil remaining after the removal, by a crystallization process, of an anthracene-rich solid (anthracene paste) from anthracene oil. It is composed primarily of two, three and four membered aromatic compounds.]  | 292-604-8 | 90640-82-7  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-105-00-6   | Residues (coal tar), anthracene oil distn.;<br>Anthracene Oil Fraction;<br>[The residue from the fraction distillation of crude anthracene boiling in the approximate range of 340 °C to 400 °C (644 °F to 752 °F). It consists predominantly of tri- and polynuclear aromatic and heterocyclic hydrocarbons.]  | 295-505-8 | 92061-92-2  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-106-00-1   | Anthracene oil, anthracene paste, anthracene fraction;<br>Anthracene Oil Fraction;<br>[A complex combination of hydrocarbons from the distillation of anthracene obtained by the crystallization of anthracene oil from bituminous high temperature tar and boiling in the range of 330 °C to 350 °C (626 °F to 662 °F). It contains chiefly anthracene, carbazole and phenanthrene.] | 295-275-9 | 91995-15-2  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |

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|----------------|---|-----------|-------------|--|---------------------------|---------------------|----------|
| 648-107-00-7   | Anthracene oil, anthracene paste, carbazole fraction;<br>Anthracene Oil Fraction;<br>[A complex combination of hydrocarbons from the distillation of anthracene obtained by crystallization of anthracene oil from bituminous coal high temperature tar and boiling in the approximate range of 350 °C to 360 °C (662 °F to 680 °F). It contains chiefly anthracene, carbazole and phenanthrene.]     | 295-276-4 | 91995-16-3  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-108-00-2   | Anthracene oil, anthracene paste, distn. lights;<br>Anthracene Oil Fraction;<br>[A complex combination of hydrocarbons from the distillation of anthracene obtained by crystallization of anthracene oil from bituminous high temperature tar and boiling in the range of approximately 290 °C to 340 °C (554 °F to 644 °F). It contains chiefly trinuclear aromatics and their dihydro derivatives.] | 295-278-5 | 91995-17-4  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-109-00-8   | Tar oils, coal, low-temp.;<br>Tar Oil, high boiling;<br>[A distillate from low-temperature coal tar. Composed primarily of hydrocarbons, phenolic compounds and aromatic nitrogen bases boiling in the range of approximately 160 °C to 340 °C (320 °F to 644 °F).]   | 309-889-2 | 101316-87-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-110-00-3   | Extract residues (coal), low temp. coal atar alk.;<br>[The residue from low temperature coal tar oils after an alkaline wash, such as aqueous sodium hydroxide, to remove crude coal tar acids. Composed primarily of hydrocarbons and aromatic nitrogen bases.]  | 310-191-5 | 122384-78-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-111-00-9   | Phenols, ammonia liquor ext.;<br>Alkaline Extract;<br>[The combination of phenols extracted, using isobutyl acetate, from the ammonia liquor condensed from the gas evolved in low-temperature (less than 700 °C (1 292 °F)) destructive distillation of coal. It consists predominantly of a reaction mass of monohydric and dihydric phenols.]  | 284-881-9 | 84988-93-2  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |

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|----------------|---|-----------|-------------|--|---------------------------|---------------------|----------|
| 648-112-00-4   | Distillates (coal tar), light oils, alk. exts.;<br>Alkaline Extract;<br>[The aqueous extract from carbolic oil produced by an alkaline wash such as aqueous sodium hydroxide. Composed primarily of the alkali salts of various phenolic compounds.]  | 292-610-0 | 90640-88-3  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-113-00-X   | Extracts, coal tar oil alk.;<br>Alkaline Extract;<br>[The extract from coal tar oil produced by an alkaline wash such as aqueous sodium hydroxide. Composed primarily of the alkali salts of various phenolic compounds.]   | 266-017-2 | 65996-83-0  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-114-00-5   | Distillates (coal tar), naphthalene oils, alk. exts.;<br>Alkaline Extract;<br>[The aqueous extract from naphthalene oil produced by an alkaline wash such as aqueous sodium hydroxide. Composed primarily of the alkali salts of various phenolic compounds.]   | 292-611-6 | 90640-89-4  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-115-00-0   | Extract residues (coal), tar oil alk., carbonated, limed;<br>Crude Phenols;<br>[The product obtained by treatment of coal tar oil alkaline extract with CO <sub>2</sub> and CaO. Composed primarily of CaCO <sub>3</sub> , Ca(OH) <sub>2</sub> , Na <sub>2</sub> CO <sub>3</sub> and other organic and inorganic impurities.] | 292-629-4 | 90641-06-8  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-116-00-6   | Tar acids, coal, crude;<br>Crude Phenols;<br>[The reaction product obtained by neutralizing coal tar oil alkaline extract with an acidic solution, such as aqueous sulfuric acid, or gaseous carbon dioxide, to obtain the free acids. Composed primarily of tar acids such as phenol, cresols, and xlenols.]                 | 266-019-3 | 65996-85-2  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-117-00-1   | Tar acids, brown-coal, crude;<br>Crude Phenols;<br>[An acidified alkaline extract of brown coal tar distillate. Composed primarily of phenol and phenol homologs.]  | 309-888-7 | 101316-86-3 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |

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|----------------|---|-----------|------------|--|---------------------------|---------------------|----------|
| 648-118-00-7   | Tar acids, brown-coal gasification;<br>Crude Phenols;<br>[A complex combination of organic compounds obtained from brown coal gasification. Composed primarily of C <sub>6-10</sub> hydroxy aromatic phenols and their homologs.]   | 295-536-7 | 92062-22-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-119-00-2   | Tar acids, distn. residues;<br>Distillate Phenols;<br>[A residue from the distillation of crude phenol from coal. It consists predominantly of phenols having carbon numbers in the range of C <sub>8</sub> through C <sub>10</sub> with a softening point of 60 °C to 80 °C (140 °F to 176 °F).] | 306-251-5 | 96690-55-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-120-00-8   | Tar acids, methylphenol fraction;<br>Distillate Phenols;<br>[The fraction of tar acid rich in 3- and 4-methylphenol, recovered by distillation of low-temperature coal tar crude tar acids.]  | 284-892-9 | 84989-04-8 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-121-00-3   | Tar acids, polyalkylphenol fraction;<br>Distillate Phenols;<br>[The fraction of tar acids, recovered by distillation of low-temperature coal tar crude tar acids, having an approximate boiling range of 225 °C to 320 °C (437 °F to 608 °F). Composed primarily of polyalkylphenols.]            | 284-893-4 | 84989-05-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-122-00-9   | Tar acids, xylenol fraction;<br>Distillate Phenols;<br>[The fraction of tar acids, rich in 2,4- and 2,5-dimethylphenol, recovered by distillation of low-temperature coal tar crude tar acids.]   | 284-895-5 | 84989-06-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-123-00-4   | Tar acids, ethylphenol fraction;<br>Distillate Phenols;<br>[The fraction of tar acids, rich in 3- and 4-ethylphenol, recovered by distillation of low-temperature coal tar crude tar acids.]  | 284-891-3 | 84989-03-7 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-124-00-X   | Tar acids, 3,5-xylenol fraction;<br>Distillate Phenols;<br>[The fraction of tar acids, rich in 3,5-dimethylphenol, recovered by distillation of low-temperature coal tar acids.]  | 284-896-0 | 84989-07-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |

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|----------------|---|-----------|------------|--|---------------------------|---------------------|----------|
| 648-125-00-5   | Tar acids, residues, distillates, first-cut;<br>Distillate Phenols;<br>[The residue from the distillation in the range of 235 °C to 355 °C (481 °F to 697 °F) of light carbolic oil.]   | 270-713-1 | 68477-23-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-126-00-0   | Tar acids, cresylic, residues;<br>Distillate Phenols;<br>[The residue from crude coal tar acids after removal of phenol, cresols, xylenols and any higher boiling phenols. A black solid with a melting point approximately 80 °C (176 °F). Composed primarily of polyalkylphenols, resin gums, and inorganic salts.]                           | 271-418-0 | 68555-24-8 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-127-00-6   | Phenols, C <sub>9-11</sub> ;<br>Distillate Phenols  | 293-435-2 | 91079-47-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-128-00-1   | Tar acids, cresylic;<br>Distillate Phenols;<br>[A complex combination of organic compounds obtained from brown coal and boiling in the range of approximately 200 °C to 230 °C (392 °F to 446 °F). It contains chiefly phenols and pyridine bases.]   | 295-540-9 | 92062-26-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-129-00-7   | Tar acids, brown-coal, C <sub>2</sub> -alkylphenol fraction;<br>Distillate Phenols;<br>[The distillate from the acidification of alkaline washed lignite tar distillate boiling in the range of approximately 200 °C to 230 °C (392 °F to 446 °F). Composed primarily of <i>m</i> - and <i>p</i> -ethylphenol as well as cresols and xylenols.] | 302-662-9 | 94114-29-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-130-00-2   | Extract oils (coal), naphthalene oils;<br>Acid Extract;<br>[The aqueous extract produced by an acidic wash of alkali-washed naphthalene oil. Composed primarily of acid salts of various aromatic nitrogen bases including pyridine, quinoline and their alkyl derivatives.]  | 292-623-1 | 90641-00-2 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-131-00-8   | Tar bases, quinoline derivs.;<br>Distillate Bases   | 271-020-7 | 68513-87-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |

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|----------------|--|-----------|-------------|--|---------------------------|---------------------|----------|
| 648-132-00-3   | Tar bases, coal, quinoline derivs. fraction;<br>Distillate Bases   | 274-560-1 | 70321-67-4  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-133-00-9   | Tar bases, coal, distn. residues;<br>Distillate Bases;<br>[The distillation residue remaining after the distillation of the neutralized, acid-extracted base-containing tar fractions obtained by the distillation of coal tars. It contains chiefly aniline, collidines, quinoline and quinoline derivatives and toluidines.]   | 295-544-0 | 92062-29-8  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-134-00-4   | Hydrocarbon oils, arom., mixed with polyethylene and polypropylene, pyrolyzed, light oil fraction;<br>Heat Treatment Products;<br>[The oil obtained from the heat treatment of a polyethylene/polypropylene reaction mass with coal tar pitch or aromatic oils. It consists predominantly of benzene and its homologs boiling in a range of approximately 70 °C to 120 °C (158 °F to 248 °F).] | 309-745-9 | 100801-63-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-135-00-X   | Hydrocarbon oils, arom., mixed with polyethylene, pyrolyzed, light oil fraction;<br>Heat Treatment Products;<br>[The oil obtained from the heat treatment of polyethylene with coal tar pitch or aromatic oils. It consists predominantly of benzene and its homologs boiling in a range of 70 °C to 120 °C (158 °F to 248 °F).]   | 309-748-5 | 100801-65-8 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-136-00-5   | Hydrocarbon oils, arom., mixed with polystyrene, pyrolyzed, light oil fraction;<br>Heat Treatment Products;<br>[The oil obtained from the heat treatment of polystyrene with coal tar pitch or aromatic oils. It consists predominantly of benzene and its homologs boiling in a range of approximately 70 °C to 210 °C (158 °F to 410 °F).]   | 309-749-0 | 100801-66-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |



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|----------------|---|-----------|------------|--|---------------------------|---------------------|----------|
| 648-137-00-0   | Extract residues (coal), tar oil alk., naphthalene distn. residues;<br>Naphthalene Oil Extract Residue;<br>[The residue obtained from chemical oil extracted after the removal of naphthalene by distillation composed primarily of two to four membered condensed ring aromatic hydrocarbons and aromatic nitrogen bases.]   | 277-567-8 | 73665-18-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-138-00-6   | Creosote oil, low-boiling distillate;<br>Wash Oil;<br>[The low-boiling distillation fraction obtained from the high temperature carbonization of bituminous coal, which is further refined to remove excess crystalline salts. It consists primarily of creosote oil with some of the normal polynuclear aromatic salts, which are components of coal tar distillate, removed. It is crystal free at approximately 38 °C (100 °F).] | 274-566-4 | 70321-80-1 | Carc. Cat. 2; R45                      | T<br>R: 45<br>S: 53-45    |                     | H M      |
| 648-139-00-1   | Tar acids, cresylic, sodium salts, caustic solns.;<br>Alkaline Extract  | 272-361-4 | 68815-21-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-140-00-7   | Extract oils (coal), tar base;<br>Acid Extract;<br>[The extract from coal tar oil alkaline extract residue produced by an acidic wash such as aqueous sulfuric acid after distillation to remove naphthalene. Composed primarily of the acid salts of various aromatic nitrogen bases including pyridine, quinoline, and their alkyl derivatives.]  | 266-020-9 | 65996-86-3 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |
| 648-141-00-2   | Tar bases, coal, crude;<br>Crude Tar Bases;<br>[The reaction product obtained by neutralizing coal tar base extract oil with an alkaline solution, such as aqueous sodium hydroxide, to obtain the free bases. Composed primarily of such organic bases as acridine, phenanthridine, pyridine, quinoline and their alkyl derivatives.]  | 266-018-8 | 65996-84-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | HJM      |

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|----------------|--|-----------|------------|--|---------------------------|---------------------|----------|
| 648-147-00-5   | Light oil (coal), coke-oven;<br>Crude benzole;<br>[The volatile organic liquid extracted from the gas evolved in the high temperature (greater than 700 °C (1 292 °F)) destructive distillation of coal. Composed primarily of benzene, toluene, and xylenes. May contain other minor hydrocarbon constituents.]   | 266-012-5 | 65996-78-3 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-148-00-0   | Distillates (coal), liq. solvent extn., primary;<br>[The liquid product of condensation of vapors emitted during the digestion of coal in a liquid solvent and boiling in the range of approximately 30 °C to 300 °C (86 °F to 572 °F). Composed primarily of partly hydrogenated condensed-ring aromatic hydrocarbons, aromatic compounds containing nitrogen, oxygen and sulfur, and their alkyl derivatives having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>14</sub> .]   | 302-688-0 | 94114-52-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-149-00-6   | Distillates (coal), solvent extn., hydrocracked;<br>[Distillate obtained by hydrocracking of coal extract or solution produced by the liquid solvent extraction or supercritical gas extraction processes and boiling in the range of approximately 30 °C to 300 °C (86 °F to 572 °F). Composed primarily of aromatic, hydrogenated aromatic and naphthenic compounds, their alkyl derivatives and alkanes with carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>14</sub> . Nitrogen, sulfur and oxygen-containing aromatic and hydrogenated aromatic compounds are also present.]       | 302-689-6 | 94114-53-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |
| 648-150-00-1   | Naphtha (coal), solvent extn., hydrocracked;<br>[Fraction of the distillate obtained by hydrocracking of coal extract or solution produced by the liquid solvent extraction or supercritical gas extraction processes and boiling in the range of approximately 30 °C to 180 °C (86 °F to 356 °F). Composed primarily of aromatic, hydrogenated aromatic and naphthenic compounds, their alkyl derivatives and alkanes with carbon numbers predominantly in the range of C <sub>4</sub> to C <sub>9</sub> . Nitrogen, sulfur and oxygen-containing aromatic and hydrogenated aromatic compounds are also present.] | 302-690-1 | 94114-54-2 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46 | T<br>R: 45-46<br>S: 53-45 |                     | H J      |

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|----------------|---|-----------|------------|---|----------------------------------|---------------------|----------|
| 648-152-00-2   | Distillates (coal), solvent extn., hydrocracked middle;<br>[Distillate obtained from the hydrocracking of coal extract or solution produced by the liquid solvent extraction or supercritical gas extraction processes and boiling in the range of approximately 180 °C to 300 °C (356 °F to 572 °F). Composed primarily of two-ring aromatic, hydrogenated aromatic and naphthenic compounds, their alkyl derivatives and alkanes having carbon numbers predominantly in the range of C <sub>9</sub> through C <sub>14</sub> . Nitrogen, sulfur and oxygen-containing compounds are also present.] | 302-692-2 | 94114-56-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46            | T<br>R: 45-46<br>S: 53-45        |                     | H J      |
| 648-153-00-8   | Distillates (coal), solvent extn., hydrocracked hydrogenated middle;<br>[Distillate from the hydrogenation of hydrocracked middle distillate from coal extract or solution produced by the liquid solvent extraction or supercritical gas extraction processes and boiling in the range of approximately 180 °C to 280 °C (356 °F to 536 °F). Composed primarily of hydrogenated two- ring carbon compounds and their alkyl derivatives having carbon numbers predominantly in the range of C <sub>9</sub> through C <sub>14</sub> .]   | 302-693-8 | 94114-57-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46            | T<br>R: 45-46<br>S: 53-45        |                     | H J      |
| 648-156-00-4   | Light oil (coal), semi-coking process;<br>Fresh oil;<br>[The volatile organic liquid condensed from the gas evolved in the low-temperature (less than 700 °C (1 292 °F)) destructive distillation of coal. Composed primarily of C <sub>6-10</sub> hydrocarbons.]   | 292-635-7 | 90641-11-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46            | T<br>R: 45-46<br>S: 53-45        |                     | H J      |
| 649-062-00-6   | Gases (petroleum), catalytic cracked naphtha depropanizer overhead, C <sub>3</sub> -rich acid-free;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from fractionation of catalytic cracked hydrocarbons and treated to remove acidic impurities. It consists of hydrocarbons having carbon numbers in the range of C <sub>2</sub> through C <sub>4</sub> , predominantly C <sub>3</sub> .]  | 270-755-0 | 68477-73-6 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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|----------------|--|-----------|------------|---|----------------------------------|---------------------|----------|
| 649-063-00-1   | Gases (petroleum), catalytic cracker;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of the products from a catalytic cracking process. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]   | 270-756-6 | 68477-74-7 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-064-00-7   | Gases (petroleum), catalytic cracker, C <sub>1-5</sub> -rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of products from a catalytic cracking process. It consists of aliphatic hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>6</sub> , predominantly C <sub>1</sub> through C <sub>5</sub> .]                                 | 270-757-1 | 68477-75-8 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-065-00-2   | Gases (petroleum), catalytic polymd. naphtha stabilizer overhead, C <sub>2-4</sub> -rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the fractionation stabilization of catalytic polymerized naphtha. It consists of aliphatic hydrocarbons having carbon numbers in the range of C <sub>2</sub> through C <sub>6</sub> , predominantly C <sub>2</sub> through C <sub>4</sub> .] | 270-758-7 | 68477-76-9 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-066-00-8   | Gases (petroleum), catalytic reformer, C <sub>1-4</sub> -rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by distillation of products from a catalytic reforming process. It consists of hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>6</sub> , predominantly C <sub>1</sub> through C <sub>4</sub> .]   | 270-760-8 | 68477-79-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-067-00-3   | Gases (petroleum), C <sub>3-5</sub> olefinic-paraffinic alkylation feed;<br>Petroleum gas;<br>[A complex combination of olefinic and paraffinic hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>5</sub> which are used as alkylation feed. Ambient temperatures normally exceed the critical temperature of these combinations.]  | 270-765-5 | 68477-83-8 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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|----------------|---|-----------|------------|---|----------------------------------|---------------------|----------|
| 649-068-00-9   | Gases (petroleum), C <sub>4</sub> -rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by distillation of products from a catalytic fractionation process. It consists of aliphatic hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>5</sub> , predominantly C <sub>4</sub> .]               | 270-767-6 | 68477-85-0 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-069-00-4   | Gases (petroleum), deethanizer overheads;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced from distillation of the gas and gasoline fractions from the catalytic cracking process. It contains predominantly ethane and ethylene.]   | 270-768-1 | 68477-86-1 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-070-00-X   | Gases (petroleum), deisobutanizer tower overheads;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the atmospheric distillation of a butane-butylene stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>4</sub> .]                             | 270-769-7 | 68477-87-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-071-00-5   | Gases (petroleum), depropanizer dry, propene-rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of products from the gas and gasoline fractions of a catalytic cracking process. It consists predominantly of propylene with some ethane and propane.]  | 270-772-3 | 68477-90-7 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-072-00-0   | Gases (petroleum), depropanizer overheads;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by distillation of products from the gas and gasoline fractions of a catalytic cracking process. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>4</sub> .] | 270-773-9 | 68477-91-8 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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|----------------|---|-----------|------------|---|----------------------------------|---------------------|----------|
| 649-073-00-6   | Gases (petroleum), gas recovery plant depropanizer overheads;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by fractionation of miscellaneous hydrocarbon streams. It consists predominantly of hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>4</sub> , predominantly propane.]   | 270-777-0 | 68477-94-1 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-074-00-1   | Gases (petroleum), Girbatol unit feed;<br>Petroleum gas;<br>[A complex combination of hydrocarbons that is used as the feed into the Girbatol unit to remove hydrogen sulfide. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>4</sub> .]   | 270-778-6 | 68477-95-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-075-00-7   | Gases (petroleum), isomerized naphtha fractionator, C <sub>4</sub> -rich, hydrogen sulfide-free;<br>Petroleum gas   | 270-782-8 | 68477-99-6 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-076-00-2   | Tail gas (petroleum), catalytic cracked clarified oil and thermal cracked vacuum residue fractionation reflux drum;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from fractionation of catalytic cracked clarified oil and thermal cracked vacuum residue. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .] | 270-802-5 | 68478-21-7 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-077-00-8   | Tail gas (petroleum), catalytic cracked naphtha stabilization absorber;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the stabilization of catalytic cracked naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]  | 270-803-0 | 68478-22-8 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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|----------------|--|-----------|------------|---|----------------------------------|---------------------|----------|
| 649-078-00-3   | Tail gas (petroleum), catalytic cracker, catalytic reformer and hydrodesulfurizer combined fractionater;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the fractionation of products from catalytic cracking, catalytic reforming and hydrodesulfurizing processes treated to remove acidic impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .] | 270-804-6 | 68478-24-0 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-079-00-9   | Tail gas (petroleum), catalytic reformed naphtha fractionation stabilizer;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the fractionation stabilization of catalytic reformed naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]   | 270-806-7 | 68478-26-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-080-00-4   | Tail gas (petroleum), saturate gas plant mixed stream, C <sub>4</sub> -rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the fractionation stabilization of straight-run naphtha, distillation tail gas and catalytic reformed naphtha stabilizer tail gas. It consists of hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>6</sub> , predominantly butane and isobutane.]                                   | 270-813-5 | 68478-32-0 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-081-00-X   | Tail gas (petroleum), saturate gas recovery plant, C <sub>1-2</sub> -rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from fractionation of distillate tail gas, straight-run naphtha, catalytic reformed naphtha stabilizer tail gas. It consists predominantly of hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>5</sub> , predominantly methane and ethane.]  | 270-814-0 | 68478-33-1 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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|----------------|---|-----------|------------|---|----------------------------------|---------------------|----------|
| 649-082-00-5   | Tail gas (petroleum), vacuum residues thermal cracker;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the thermal cracking of vacuum residues. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]  | 270-815-6 | 68478-34-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-083-00-0   | Hydrocarbons, C <sub>3-4</sub> -rich, petroleum distillate;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by distillation and condensation of crude oil. It consists of hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>5</sub> , predominantly C <sub>3</sub> through C <sub>4</sub> .]  | 270-990-9 | 68512-91-4 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-084-00-6   | Gases (petroleum), full-range straight-run naphtha dehexanizer off;<br>petroleum gas;<br>[A complex combination of hydrocarbons obtained by the fractionation of the full-range straight-run naphtha. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>6</sub> .]  | 271-000-8 | 68513-15-5 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-085-00-1   | Gases (petroleum), hydrocracking depropanizer off, hydrocarbon-rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbon produced by the distillation of products from a hydrocracking process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> . It may also contain small amounts of hydrogen and hydrogen sulfide.] | 271-001-3 | 68513-16-6 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-086-00-7   | Gases (petroleum), light straight-run naphtha stabilizer off;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by the stabilization of light straight-run naphtha. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>6</sub> .]   | 271-002-9 | 68513-17-7 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |



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|----------------|---|-----------|------------|---|----------------------------------|---------------------|----------|
| 649-087-00-2   | Residues (petroleum), alkylation splitter, C <sub>4</sub> -rich;<br>Petroleum gas;<br>[A complex residuum from the distillation of streams various refinery operations. It consists of hydrocarbons having carbon numbers in the range of C <sub>4</sub> through C <sub>5</sub> , predominantly butane and boiling in the range of approximately - 11,7 °C to 27,8 °C (11 °F to 82 °F).]  | 271-010-2 | 68513-66-6 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-088-00-8   | Hydrocarbons, C <sub>1-4</sub> ;<br>Petroleum gas;<br>[A complex combination of hydrocarbons provided by thermal cracking and absorber operations and by distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> and boiling in the range of approximately minus 164 °C to minus 0,5 °C (- 263 °F to 31 °F).]                                    | 271-032-2 | 68514-31-8 | F+; R12<br>Carc. Cat 1; R45<br>Muta. Cat. 2; R46  | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-089-00-3   | Hydrocarbons, C <sub>1-4</sub> , sweetened;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by subjecting hydrocarbon gases to a sweetening process to convert mercaptans or to remove acidic impurities. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> and boiling in the range of approximately - 164 °C to - 0,5 °C (- 263 °F to 31 °F).] | 271-038-5 | 68514-36-3 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-090-00-9   | Hydrocarbons, C <sub>1-3</sub> ;<br>Petroleum gas;<br>[A complex combination of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>3</sub> and boiling in the range of approximately minus 164 °C to minus 42 °C (- 263 °F to - 44 °F).]  | 271-259-7 | 68527-16-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-091-00-4   | Hydrocarbons, C <sub>1-4</sub> , debutanizer fraction;<br>Petroleum gas   | 271-261-8 | 68527-19-5 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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|----------------|---|-----------|------------|---|----------------------------------|---------------------|----------|
| 649-092-00-X   | Gases (petroleum), C <sub>1-5</sub> , wet;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of crude oil and/or the cracking of tower gas oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]           | 271-624-0 | 68602-83-5 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-093-00-5   | Hydrocarbons, C <sub>2-4</sub> ;<br>Petroleum gas   | 271-734-9 | 68606-25-7 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-094-00-0   | Hydrocarbons, C <sub>3</sub> ;<br>Petroleum gas   | 271-735-4 | 68606-26-8 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-095-00-6   | Gases (petroleum), alkylation feed;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the catalytic cracking of gas oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>4</sub> .]   | 271-737-5 | 68606-27-9 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-096-00-1   | Gases (petroleum), depropanizer bottoms fractionation off;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the fractionation of depropanizer bottoms. It consists predominantly of butane, isobutane and butadiene.]  | 271-742-2 | 68606-34-8 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-097-00-7   | Gases (petroleum), refinery blend;<br>Petroleum gas;<br>[A complex combination obtained from various processes. It consists of hydrogen, hydrogen sulfide and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]   | 272-183-7 | 68783-07-3 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-098-00-2   | Gases (petroleum), catalytic cracking;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of the products from a catalytic cracking process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>5</sub> .] | 272-203-4 | 68783-64-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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|----------------|--|-----------|------------|---|----------------------------------|---------------------|----------|
| 649-099-00-8   | Gases (petroleum), C <sub>2-4</sub> , sweetened;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by subjecting a petroleum distillate to a sweetening process to convert mercaptans or to remove acidic impurities. It consists predominantly of saturated and unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>4</sub> and boiling in the range of approximately – 51 °C to – 34 °C (– 60 °F to – 30 °F).] | 272-205-5 | 68783-65-3 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-100-00-1   | Gases (petroleum), crude oil fractionation off;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the fractionation of crude oil. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]   | 272-871-7 | 68918-99-0 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-101-00-7   | Gases (petroleum), dehexanizer off;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by the fractionation of combined naphtha streams. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]  | 272-872-2 | 68919-00-6 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-102-00-2   | Gases (petroleum), light straight run gasoline fractionation stabilizer off;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by the fractionation of light straight-run gasoline. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]  | 272-878-5 | 68919-05-1 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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| 649-103-00-8   | Gases (petroleum), naphtha unifier desulfurization stripper off;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by a naphtha unifier desulfurization process and stripped from the naphtha product. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .] | 272-879-0 | 68919-06-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-104-00-3   | Gases (petroleum), straight-run naphtha catalytic reforming off;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by the catalytic reforming of straight-run naphtha and fractionation of the total effluent. It consists of methane, ethane, and propane.]  | 272-882-7 | 68919-09-5 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-105-00-9   | Gases (petroleum), fluidized catalytic cracker splitter overheads;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the fractionation of the charge to the C <sub>3</sub> -C <sub>4</sub> splitter. It consists predominantly of C <sub>3</sub> hydrocarbons.]  | 272-893-7 | 68919-20-0 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-106-00-4   | Gases (petroleum), straight-run stabilizer off;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the fractionation of the liquid from the first tower used in the distillation of crude oil. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]     | 272-883-2 | 68919-10-8 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-107-00-X   | Gases (petroleum), catalytic cracked naphtha debutanizer;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from fractionation of catalytic cracked naphtha. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]   | 273-169-3 | 68952-76-1 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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|----------------|---|-----------|------------|---|----------------------------------|---------------------|----------|
| 649-108-00-5   | Tail gas (petroleum), catalytic cracked distillate and naphtha stabilizer;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by the fractionation of catalytic cracked naphtha and distillate. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]  | 273-170-9 | 68952-77-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-109-00-0   | Tail gas (petroleum), thermal-cracked distillate, gas oil and naphtha absorber;<br>petroleum gas;<br>[A complex combination of hydrocarbons obtained from the separation of thermal-cracked distillates, naphtha and gas oil. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]                            | 273-175-6 | 68952-81-8 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-110-00-6   | Tail gas (petroleum), thermal cracked hydrocarbon fractionation stabilizer, petroleum coking;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the fractionation stabilization of thermal cracked hydrocarbons from petroleum coking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .] | 273-176-1 | 68952-82-9 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-111-00-1   | Gases (petroleum, light steam-cracked, butadiene conc.);<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of products from a thermal cracking process. It consists of hydrocarbons having a carbon number predominantly of C <sub>4</sub> .]  | 273-265-5 | 68955-28-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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|----------------|--|-----------|------------|---|----------------------------------|---------------------|----------|
| 649-112-00-7   | Gases (petroleum), straight-run naphtha catalytic reformer stabilizer overhead;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by the catalytic reforming of straight-run naphtha and the fractionation of the total effluent. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>4</sub> .]  | 273-270-2 | 68955-34-0 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-113-00-2   | Hydrocarbons, C <sub>4</sub> ;<br>Petroleum gas  | 289-339-5 | 87741-01-3 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-114-00-8   | Alkanes, C <sub>1-4</sub> , C <sub>3</sub> -rich;<br>Petroleum gas   | 292-456-4 | 90622-55-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-115-00-3   | Gases (petroleum), steam-cracker C <sub>3</sub> -rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of products from a steam cracking process. It consists predominantly of propylene with some propane and boils in the range of approximately -70 °C to 0 °C (-94 °F to 32 °F).]   | 295-404-9 | 92045-22-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-116-00-9   | Hydrocarbons, C <sub>4</sub> , steam-cracker distillate;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of the products of a steam cracking process. It consists predominantly of hydrocarbons having a carbon number of C <sub>4</sub> , predominantly 1-butene and 2-butene, containing also butane and isobutene and boiling in the range of approximately minus 12 °C to 5 °C (10,4 °F to 41 °F).] | 295-405-4 | 92045-23-3 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-117-00-4   | Petroleum gases, liquefied, sweetened, C <sub>4</sub> fraction;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by subjecting a liquified petroleum gas mix to a sweetening process to oxidize mercaptans or to remove acidic impurities. It consists predominantly of C <sub>4</sub> saturated and unsaturated hydrocarbons.]  | 295-463-0 | 92045-80-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | HKS      |

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|----------------|---|-----------|------------|---|----------------------------------|---------------------|----------|
| 649-118-00-X   | Hydrocarbons, C <sub>4</sub> , 1,3-butadiene- and isobutene-free;<br>Petroleum gas  | 306-004-1 | 95465-89-7 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-119-00-5   | Raffinates (petroleum), steam-cracked C <sub>4</sub> fraction cuprous ammonium acetate extn., C <sub>3-5</sub> and C <sub>3-5</sub> unsatd., butadiene-free;<br>Petroleum gas   | 307-769-4 | 97722-19-5 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-120-00-0   | Gases (petroleum), amine system feed;<br>Refinery gas;<br>[The feed gas to the amine system for removal of hydrogen sulfide. It consists of hydrogen. Carbon monoxide, carbon dioxide, hydrogen sulfide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> may also be present.]  | 270-746-1 | 68477-65-6 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-121-00-6   | Gases (petroleum), benzene unit hydrodesulfurizer off;<br>Refinery gas;<br>[Off gases produced by the benzene unit. It consists primarily of hydrogen. Carbon monoxide and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> , including benzene, may also be present.]  | 270-747-7 | 68477-66-7 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-122-00-1   | Gases (petroleum), benzene unit recycle, hydrogen-rich;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained by recycling the gases of the benzene unit. It consists primarily of hydrogen with various small amounts of carbon monoxide and hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>6</sub> .]   | 270-748-2 | 68477-67-8 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-123-00-7   | Gases (petroleum), blend oil, hydrogen-nitrogen-rich;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained by distillation of a blend oil. It consists primarily of hydrogen and nitrogen with various small amounts of carbon monoxide, carbon dioxide, and aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .] | 270-749-8 | 68477-68-9 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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| 649-124-00-2   | Gases (petroleum), catalytic reformed naphtha stripper overheads;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained from stabilization of catalytic reformed naphtha. Its consists of hydrogen and saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]  | 270-759-2 | 68477-77-0 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-125-00-8   | Gases (petroleum), C <sub>6-8</sub> catalytic reformer recycle;<br>Refinery gas;<br>[A complex combination of hydrocarbons produced by distillation of products from catalytic reforming of C <sub>6</sub> -C <sub>8</sub> feed and recycled to conserve hydrogen. It consists primarily of hydrogen. It may also contain various small amounts of carbon monoxide, carbon dioxide, nitrogen, and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .] | 270-761-3 | 68477-80-5 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-126-00-3   | Gases (petroleum), C <sub>6-8</sub> catalytic reformer;<br>Refinery gas;<br>[A complex combination of hydrocarbons produced by distillation of products from catalytic reforming of C <sub>6</sub> -C <sub>8</sub> feed. It consists of hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>5</sub> and hydrogen.]   | 270-762-9 | 68477-81-6 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-127-00-9   | Gases (petroleum), C <sub>6-8</sub> catalytic reformer recycle, hydrogen-rich;<br>Refinery gas  | 270-763-4 | 68477-82-7 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-128-00-4   | Gases (petroleum), C <sub>2</sub> -return stream;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained by the extraction of hydrogen from a gas stream which consists primarily of hydrogen with small amounts of nitrogen, carbon monoxide, methane, ethane, and ethylene. It contains predominantly hydrocarbons such as methane, ethane, and ethylene with small amounts of hydrogen, nitrogen and carbon monoxide.]  | 270-766-0 | 68477-84-9 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |



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|----------------|--|-----------|------------|---|----------------------------------|---------------------|----------|
| 649-129-00-X   | Gases (petroleum), dry sour, gas-concn.-unit-off;<br>Refinery gas;<br>[The complex combination of dry gases from a gas concentration unit. It consists of hydrogen, hydrogen sulfide and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>3</sub> .]   | 270-774-4 | 68477-92-9 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-130-00-5   | Gases (petroleum), gas concn. reabsorber distn.;<br>Refinery gas;<br>[A complex combination of hydrocarbons produced by distillation of products from combined gas streams in a gas concentration reabsorber. It consists predominantly of hydrogen, carbon monoxide, carbon dioxide, nitrogen, hydrogen sulfide and hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>3</sub> .] | 270-776-5 | 68477-93-0 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-131-00-0   | Gases (petroleum), hydrogen absorber off;<br>Refinery gas;<br>[A complex combination obtained by absorbing hydrogen from a hydrogen rich stream. It consists of hydrogen, carbon monoxide, nitrogen, and methane with small amounts of C <sub>2</sub> hydrocarbons.]   | 270-779-1 | 68477-96-3 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-132-00-6   | Gases (petroleum), hydrogen-rich;<br>Refinery gas;<br>[A complex combination separated as a gas from hydrocarbon gases by chilling. It consists primarily of hydrogen with various small amounts of carbon monoxide, nitrogen, methane, and C <sub>2</sub> hydrocarbons.]  | 270-780-7 | 68477-97-4 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-133-00-1   | Gases (petroleum), hydrotreater blend oil recycle, hydrogen-nitrogen-rich;<br>Refinery gas;<br>[A complex combination obtained from recycled hydrotreated blend oil. It consists primarily of hydrogen and nitrogen with various small amounts of carbon monoxide, carbon dioxide and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]                  | 270-781-2 | 68477-98-5 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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|----------------|---|-----------|------------|---|----------------------------------|---------------------|----------|
| 649-134-00-7   | Gases (petroleum), recycle, hydrogen-rich;<br>Refinery gas;<br>[A complex combination obtained from recycled reactor gases. It consists primarily of hydrogen with various small amounts of carbon monoxide, carbon dioxide, nitrogen, hydrogen sulfide, and saturated aliphatic hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>5</sub> .]  | 270-783-3 | 68478-00-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-135-00-2   | Gases (petroleum), reformer make-up, hydrogen-rich;<br>Refinery gas;<br>[A complex combination obtained from the reformers. It consists primarily of hydrogen with various small amounts of carbon monoxide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]   | 270-784-9 | 68478-01-3 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-136-00-8   | Gases (petroleum), reforming hydrotreater;<br>Refinery gas;<br>[A complex combination obtained from the reforming hydrotreating process. It consists primarily of hydrogen, methane, and ethane with various small amounts of hydrogen sulfide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>5</sub> .]  | 270-785-4 | 68478-02-4 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-137-00-3   | Gases (petroleum), reforming hydrotreater, hydrogen-methane-rich;<br>Refinery gas;<br>[A complex combination obtained from the reforming hydrotreating process. It consists primarily of hydrogen and methane with various small amounts of carbon monoxide, carbon dioxide, nitrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>5</sub> .] | 270-787-5 | 68478-03-5 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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|----------------|---|-----------|------------|---|----------------------------------|---------------------|----------|
| 649-138-00-9   | Gases (petroleum), reforming hydrotreater make-up, hydrogen-rich;<br>Refinery gas;<br>[A complex combination obtained from the reforming hydrotreating process. It consists primarily of hydrogen with various small amounts of carbon monoxide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .] | 270-788-0 | 68478-04-6 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-139-00-4   | Gases (petroleum), thermal cracking distn.;<br>Refinery gas;<br>[A complex combination produced by distillation of products from a thermal cracking process. It consists of hydrogen, hydrogen sulfide, carbon monoxide, carbon dioxide and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]                   | 270-789-6 | 68478-05-7 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-140-00-X   | Tail gas (petroleum), catalytic cracker re-fractionation absorber;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained from re-fractionation of products from a catalytic cracking process. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>3</sub> .]                       | 270-805-1 | 68478-25-1 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-141-00-5   | Tail gas (petroleum), catalytic reformed naphtha separator;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained from the catalytic reforming of straight run naphtha. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]   | 270-807-2 | 68478-27-3 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-142-00-0   | Tail gas (petroleum), catalytic reformed naphtha stabilizer;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained from the stabilization of catalytic reformed naphtha. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]  | 270-808-8 | 68478-28-4 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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| 649-143-00-6   | Tail gas (petroleum), cracked distillate hydrotreater separator;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained by treating cracked distillates with hydrogen in the presence of a catalyst. It consists of hydrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .] | 270-809-3 | 68478-29-5 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-144-00-1   | Tail gas (petroleum), hydrodesulfurized straight-run naphtha separator;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained from hydrodesulfurization of straight-run naphtha. It consists of hydrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]                    | 270-810-9 | 68478-30-8 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-145-00-7   | Gases (petroleum), catalytic reformed straight-run naphtha stabilizer overheads;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained from the catalytic reforming of straight-run naphtha followed by fractionation of the total effluent. It consists of hydrogen, methane, ethane and propane.]   | 270-999-8 | 68513-14-4 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-146-00-2   | Gases (petroleum), reformer effluent high-pressure flash drum off;<br>Refinery gas;<br>[A complex combination produced by the high-pressure flashing of the effluent from the reforming reactor. It consists primarily of hydrogen with various small amounts of methane, ethane, and propane.]   | 271-003-4 | 68513-18-8 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-147-00-8   | Gases (petroleum), reformer effluent low-pressure flash drum off;<br>Refinery gas;<br>[A complex combination produced by low-pressure flashing of the effluent from the reforming reactor. It consists primarily of hydrogen with various small amounts of methane, ethane, and propane.]   | 271-005-5 | 68513-19-9 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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|----------------|---|-----------|------------|---|----------------------------------|---------------------|----------|
| 649-148-00-3   | Gases (petroleum), oil refinery gas distn. off;<br>Refinery gas;<br>[A complex combination separated by distillation of a gas stream containing hydrogen, carbon monoxide, carbon dioxide and hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>6</sub> or obtained by cracking ethane and propane. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>2</sub> , hydrogen, nitrogen, and carbon monoxide.]                            | 271-258-1 | 68527-15-1 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-149-00-9   | Gases (petroleum), benzene unit hydrotreater depentanizer overheads;<br>Refinery gas;<br>[A complex combination produced by treating the feed from the benzene unit with hydrogen in the presence of a catalyst followed by depentanizing. It consists primarily of hydrogen, ethane and propane with various small amounts of nitrogen, carbon monoxide, carbon dioxide and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> . It may contain trace amounts of benzene.] | 271-623-5 | 68602-82-4 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-150-00-4   | Gases (petroleum), secondary absorber off, fluidized catalytic cracker overheads fractionator;<br>Refinery gas;<br>[A complex combination produced by the fractionation of the overhead products from the catalytic cracking process in the fluidized catalytic cracker. It consists of hydrogen, nitrogen, and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>3</sub> .]   | 271-625-6 | 68602-84-6 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-151-00-X   | Petroleum products, refinery gases;<br>Refinery gas;<br>[A complex combination which consists primarily of hydrogen with various small amounts of methane, ethane, and propane.]  | 271-750-6 | 68607-11-4 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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| 649-152-00-5   | Gases (petroleum), hydrocracking low-pressure separator;<br>Refinery gas;<br>[A complex combination obtained by the liquid-vapor separation of the hydrocracking process reactor effluent. It consists predominantly of hydrogen and saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>3</sub> .]   | 272-182-1 | 68783-06-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-153-00-0   | Gases (petroleum), refinery;<br>Refinery gas;<br>[A complex combination obtained from various petroleum refining operations. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>3</sub> .]   | 272-338-9 | 68814-67-5 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-154-00-6   | Gases (petroleum), platformer products separator off;<br>Refinery gas;<br>[A complex combination obtained from the chemical reforming of naphthenes to aromatics. It consists of hydrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>4</sub> .]  | 272-343-6 | 68814-90-4 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-155-00-1   | Gases (petroleum), hydrotreated sour kerosine depentanizer stabilizer off;<br>Refinery gas;<br>[The complex combination obtained from the depentanizer stabilization of hydrotreated kerosine. It consists primarily of hydrogen, methane, ethane, and propane with various small amounts of nitrogen, hydrogen sulfide, carbon monoxide and hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>5</sub> .] | 272-775-5 | 68911-58-0 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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| 649-156-00-7   | Gases (petroleum), hydrotreated sour kerosine flash drum;<br>Refinery gas;<br>[A complex combination obtained from the flash drum of the unit treating sour kerosine with hydrogen in the presence of a catalyst. It consists primarily of hydrogen and methane with various small amounts of nitrogen, carbon monoxide, and hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>5</sub> .] | 272-776-0 | 68911-59-1 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-157-00-2   | Gases (petroleum), distillate unifier desulfurization stripper off;<br>Refinery gas;<br>[A complex combination stripped from the liquid product of the unifier desulfurization process. It consists of hydrogen sulfide, methane, ethane, and propane.]  | 272-873-8 | 68919-01-7 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-158-00-8   | Gases (petroleum), fluidized catalytic cracker fractionation off;<br>Refinery gas;<br>[A complex combination produced by the fractionation of the overhead product of the fluidized catalytic cracking process. It consists of hydrogen, hydrogen sulfide, nitrogen, and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]   | 272-874-3 | 68919-02-8 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-159-00-3   | Gases (petroleum), fluidized catalytic cracker scrubbing secondary absorber off;<br>Refinery gas;<br>[A complex combination produced by scrubbing the overhead gas from the fluidized catalytic cracker. It consists of hydrogen, nitrogen, methane, ethane and propane.]  | 272-875-9 | 68919-03-9 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-160-00-9   | Gases (petroleum), heavy distillate hydro-treater desulfurization stripper off;<br>Refinery gas;<br>[A complex combination stripped from the liquid product of the heavy distillate hydro-treater desulfurization process. It consists of hydrogen, hydrogen sulfide, and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]                                | 272-876-4 | 68919-04-0 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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| 649-161-00-4   | Gases (petroleum), platformer stabilizer off, light ends fractionation;<br>Refinery gas;<br>[A complex combination obtained by the fractionation of the light ends of the platinum reactors of the platformer unit. It consists of hydrogen, methane, ethane and propane.]   | 272-880-6 | 68919-07-3 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-162-00-X   | Gases (petroleum), preflash tower off, crude distn.;<br>Refinery gas;<br>[A complex combination produced from the first tower used in the distillation of crude oil. It consists of nitrogen and saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .] | 272-881-1 | 68919-08-4 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-163-00-5   | Gases (petroleum), tar stripper off;<br>Refinery gas;<br>[A complex combination obtained by the fractionation of reduced crude oil. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]  | 272-884-8 | 68919-11-9 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-164-00-0   | Gases (petroleum), unifier stripper off;<br>Refinery gas;<br>[A combination of hydrogen and methane obtained by fractionation of the products from the unifier unit.]  | 272-885-3 | 68919-12-0 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-165-00-6   | Tail gas (petroleum), catalytic hydrodesulfurized naphtha separator;<br>Refinery gas;<br>[A complex combination of hydrocarbons obtained from the hydrodesulfurization of naphtha. It consists of hydrogen, methane, ethane, and propane.]   | 273-173-5 | 68952-79-4 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-166-00-1   | Tail gas (petroleum), straight-run naphtha hydrodesulfurizer;<br>Refinery gas;<br>[A complex combination obtained from the hydrodesulfurization of straight-run naphtha. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]                 | 273-174-0 | 68952-80-7 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |



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| 649-167-00-7   | Gases (petroleum), sponge absorber off, fluidized catalytic cracker and gas oil desulfurizer overhead fractionation;<br>Refinery gas;<br>[A complex combination obtained by the fractionation of products from the fluidized catalytic cracker and gas oil desulfurizer. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .] | 273-269-7 | 68955-33-9 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-168-00-2   | Gases (petroleum), crude distn. and catalytic cracking;<br>Refinery gas;<br>[A complex combination produced by crude distillation and catalytic cracking processes. It consists of hydrogen, hydrogen sulfide, nitrogen, carbon monoxide and paraffinic and olefinic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]                                 | 273-563-5 | 68989-88-8 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-169-00-8   | Gases (petroleum), gas oil diethanolamine scrubber off;<br>Refinery gas;<br>[A complex combination produced by desulfurization of gas oils with diethanolamine. It consists predominantly of hydrogen sulfide, hydrogen and aliphatic hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>5</sub> .]  | 295-397-2 | 92045-15-3 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-170-00-3   | Gases (petroleum), gas oil hydrodesulfurization effluent;<br>Refinery gas;<br>[A complex combination obtained by separation of the liquid phase from the effluent from the hydrogenation reaction. It consists predominantly of hydrogen, hydrogen sulfide and aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>3</sub> .]                             | 295-398-8 | 92045-16-4 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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|----------------|---|-----------|------------|---|----------------------------------|---------------------|----------|
| 649-171-00-9   | Gases (petroleum), gas oil hydrodesulfurization purge;<br>Refinery gas;<br>[A complex combination of gases obtained from the reformer and from the purges from the hydrogenation reactor. It consists predominantly of hydrogen and aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]   | 295-399-3 | 92045-17-5 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-172-00-4   | Gases (petroleum), hydrogenator effluent flash drum off;<br>Refinery gas;<br>[A complex combination of gases obtained from flash of the effluents after the hydrogenation reaction. It consists predominantly of hydrogen and aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]   | 295-400-7 | 92045-18-6 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-173-00-X   | Gases (petroleum), naphtha steam cracking high-pressure residual;<br>Refinery gas;<br>[A complex combination obtained as a reaction mass of the non-condensable portions from the product of a naphtha steam cracking process as well as residual gases obtained during the preparation of subsequent products. It consists predominantly of hydrogen and paraffinic and olefinic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> with which natural gas may also be mixed.] | 295-401-2 | 92045-19-7 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-174-00-5   | Gases (petroleum), residue visbaking off;<br>Refinery gas;<br>[A complex combination obtained from viscosity reduction of residues in a furnace. It consists predominantly of hydrogen sulfide and paraffinic and olefinic hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]  | 295-402-8 | 92045-20-0 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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| 649-177-00-1   | Gases (petroleum), C <sub>3-4</sub> ;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by distillation of products from the cracking of crude oil. It consists of hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>4</sub> , predominantly of propane and propylene, and boiling in the range of approximately - 51 °C to - 1 °C (- 60 °F to 30 °F.)]   | 268-629-5 | 68131-75-9 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-178-00-7   | Tail gas (petroleum), catalytic cracked distillate and catalytic cracked naphtha fractionation absorber;<br>Petroleum gas;<br>[The complex combination of hydrocarbons from the distillation of the products from catalytic cracked distillates and catalytic cracked naphtha. It consists predominantly of hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>4</sub> .]   | 269-617-2 | 68307-98-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-179-00-2   | Tail gas (petroleum), catalytic polymn. naphtha fractionation stabilizer;<br>Petroleum gas;<br>[A complex combination of hydrocarbons from the fractionation stabilization products from polymerization of naphtha. It consists predominantly of hydrocarbons having carbon numbers in the range of C <sub>1</sub> through C <sub>4</sub> .]  | 269-618-8 | 68307-99-3 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-180-00-8   | Tail gas (petroleum), catalytic reformed naphtha fractionation stabilizer, hydrogen sulfide-free;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from fractionation stabilization of catalytic reformed naphtha and from which hydrogen sulfide has been removed by amine treatment. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .] | 269-619-3 | 68308-00-9 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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| 649-181-00-3   | Tail gas (petroleum), cracked distillate hydro-treater stripper;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by treating thermal cracked distillates with hydrogen in the presence of a catalyst. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .]  | 269-620-9 | 68308-01-0 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-182-00-9   | Tail gas (petroleum), straight-run distillate hydrodesulfurizer, hydrogen sulfide-free;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from catalytic hydrodesulfurization of straight run distillates and from which hydrogen sulfide has been removed by amine treatment. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .] | 269-630-3 | 68308-10-1 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-183-00-4   | Tail gas (petroleum), gas oil catalytic cracking absorber;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the distillation of products from the catalytic cracking of gas oil. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]   | 269-623-5 | 68308-03-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-184-00-X   | Tail gas (petroleum), gas recovery plant;<br>Petroleum gas;<br>[A complex combination of hydrocarbons from the distillation of products from miscellaneous hydrocarbon streams. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]   | 269-624-0 | 68308-04-3 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-185-00-5   | Tail gas (petroleum), gas recovery plant deethanizer;<br>Petroleum gas;<br>[A complex combination of hydrocarbons from the distillation of products from miscellaneous hydrocarbon streams. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]   | 269-625-6 | 68308-05-4 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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| 649-186-00-0   | Tail gas (petroleum), hydrodesulfurized distillate and hydrodesulfurized naphtha fractionator, acid-free;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from fractionation of hydrodesulfurized naphtha and distillate hydrocarbon streams and treated to remove acidic impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]   | 269-626-1 | 68308-06-5 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-187-00-6   | Tail gas (petroleum), hydrodesulfurized vacuum gas oil stripper, hydrogen sulfide-free;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from stripping stabilization of catalytic hydrodesulfurized vacuum gas oil and from which hydrogen sulfide has been removed by amine treatment. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .] | 269-627-7 | 68308-07-6 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-188-00-1   | Tail gas (petroleum), light straight-run naphtha stabilizer, hydrogen sulfide-free;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from fractionation stabilization of light straight run naphtha and from which hydrogen sulfide has been removed by amine treatment. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]                 | 269-629-8 | 68308-09-8 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-189-00-7   | Tail gas (petroleum), propane-propylene alkylation feed prep deethanizer;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the distillation of the reaction products of propane with propylene. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]   | 269-631-9 | 68308-11-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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| 649-190-00-2   | Tail gas (petroleum), vacuum gas oil hydrodesulfurizer, hydrogen sulfide-free;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from catalytic hydrodesulfurization of vacuum gas oil and from which hydrogen sulfide has been removed by amine treatment. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>6</sub> .] | 269-632-4 | 68308-12-3 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-191-00-8   | Gases (petroleum), catalytic cracked overheads;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of products from the catalytic cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>5</sub> and boiling in the range of approximately – 48 °C to 32 °C (– 54 °F to 90 °F).]                       | 270-071-2 | 68409-99-4 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-193-00-9   | Alkanes, C <sub>1-2</sub> ;<br>Petroleum gas  | 270-651-5 | 68475-57-0 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-194-00-4   | Alkanes, C <sub>2-3</sub> ;<br>Petroleum gas  | 270-652-0 | 68475-58-1 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-195-00-X   | Alkanes, C <sub>3-4</sub> ;<br>petroleum gas  | 270-653-6 | 68475-59-2 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-196-00-5   | Alkanes, C <sub>4-5</sub> ;<br>Petroleum gas  | 270-654-1 | 68475-60-5 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-197-00-0   | Fuel gases;<br>Petroleum gas;<br>[A combination of light gases. It consists predominantly of hydrogen and/or low molecular weight hydrocarbons.]  | 270-667-2 | 68476-26-6 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |

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| 649-198-00-6   | Fuel gases, crude oil of distillates;<br>Petroleum gas;<br>[A complex combination of light gases produced by distillation of crude oil and by catalytic reforming of naphtha. It consists of hydrogen and hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> and boiling in the range of approximately – 217 °C to – 12 °C (– 423 °F to 10 °F).]                                       | 270-670-9 | 68476-29-9 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-199-00-1   | Hydrocarbons, C <sub>3-4</sub> ;<br>Petroleum gas  | 270-681-9 | 68476-40-4 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-200-00-5   | Hydrocarbons, C <sub>4-5</sub> ;<br>Petroleum gas  | 270-682-4 | 68476-42-6 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-201-00-0   | Hydrocarbons, C <sub>2-4</sub> , C <sub>3</sub> -rich;<br>Petroleum gas  | 270-689-2 | 68476-49-3 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-202-00-6   | Petroleum gases, liquefied;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>7</sub> and boiling in the range of approximately – 40 °C to 80 °C (– 40 °F to 176 °F).]  | 270-704-2 | 68476-85-7 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | HKS      |
| 649-203-00-1   | Petroleum gases, liquefied, sweetened;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained by subjecting liquefied petroleum gas mix to a sweetening process to convert mercaptans or to remove acidic impurities. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>7</sub> and boiling in the range of approximately – 40 °C to 80 °C (– 40 °F to 176 °F).] | 270-705-8 | 68476-86-8 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | HKS      |

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|----------------|--|-----------|------------|---|----------------------------------|---------------------|----------|
| 649-204-00-7   | gases (petroleum), C <sub>3-4</sub> , isobutane-rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons from the distillation of saturated and unsaturated hydrocarbons usually ranging in carbon numbers from C <sub>3</sub> through C <sub>6</sub> , predominantly butane and isobutane. It consists of saturated and unsaturated hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>4</sub> , predominantly isobutane.] | 270-724-1 | 68477-33-8 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-205-00-2   | Distillates (petroleum), C <sub>3-6</sub> , piperylene-rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons from the distillation of saturated and unsaturated aliphatic hydrocarbons usually ranging in the carbon numbers C <sub>3</sub> through C <sub>6</sub> . It consists of saturated and unsaturated hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>6</sub> , predominantly piperylenes.]                   | 270-726-2 | 68477-35-0 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-206-00-8   | Gases (petroleum), butane splitter overheads;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the distillation of the butane stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>4</sub> .]  | 270-750-3 | 68477-69-0 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-207-00-3   | Gases (petroleum), C <sub>2-3</sub> -;<br>Petroleum gas;<br>[A complex combination of hydrocarbons produced by the distillation of products from a catalytic fractionation process. It contains predominantly ethane, ethylene, propane, and propylene.]   | 270-751-9 | 68477-70-3 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-208-00-9   | Gases (petroleum), catalytic-cracked gas oil depropanizer bottoms, C <sub>4</sub> -rich acid-free;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from fractionation of catalytic cracked gas oil hydrocarbon stream and treated to remove hydrogen sulfide and other acidic components. It consists of hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>5</sub> , predominantly C <sub>4</sub> .]           | 270-752-4 | 68477-71-4 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |



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|----------------|--|-----------|------------|---|----------------------------------|---------------------|----------|
| 649-209-00-4   | Gases (petroleum), catalytic-cracked naphtha debutanizer bottoms, C <sub>3-5</sub> -rich;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the stabilization of catalytic cracked naphtha. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>5</sub> .]   | 270-754-5 | 68477-72-5 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-210-00-X   | Tail gas (petroleum), isomerized naphtha fractionation stabilizer;<br>Petroleum gas;<br>[A complex combination of hydrocarbons obtained from the fractionation stabilization products from isomerized naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>4</sub> .]  | 269-628-2 | 68308-08-7 | F+; R12<br>Carc. Cat. 1; R45<br>Muta. Cat. 2; R46 | F+; T<br>R: 45-46-12<br>S: 53-45 |                     | H K      |
| 649-261-00-8   | Gasoline, natural;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons separated from natural gas by processes such as refrigeration or absorption. It consists predominantly of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>8</sub> and boiling in the range of approximately minus 20 °C to 120 °C (- 4 °F to 248 °F).] | 232-349-1 | 8006-61-9  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45     |                     | H P      |
| 649-262-00-3   | Naphtha;<br>Low boiling point naphtha;<br>[Refined, partly refined, or unrefined petroleum products produced by the distillation of natural gas. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>6</sub> and boiling in the range of approximately 100 °C to 200 °C (212 °F to 392 °F).]   | 232-443-2 | 8030-30-6  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45     |                     | H P      |
| 649-263-00-9   | Ligroine;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons obtained by the fractional distillation of petroleum. This fraction boils in a range of approximately 20 °C to 135 °C (58 °F to 275 °F).]  | 232-453-7 | 8032-32-4  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45     |                     | H P      |

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|----------------|--|-----------|------------|---|------------------------------|---------------------|----------|
| 649-264-00-4   | Naphtha (petroleum), heavy straight-run;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons produced by distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>12</sub> and boiling in the range of approximately 65 °C to 230 °C (149 °F to 446 °F).]  | 265-041-0 | 64741-41-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-265-00-X   | Naphtha (petroleum), full-range straight-run;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons produced by distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately – 20 °C to 220 °C (– 4 °F to 428 °F).]   | 265-042-6 | 64741-42-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-266-00-5   | Naphtha (petroleum), light straight-run;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons produced by distillation of crude oil. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>10</sub> and boiling in the range of approximately – 20 °C to 180 °C (– 4 °F to 356 °F).]                          | 265-046-8 | 64741-46-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-267-00-0   | Solvent naphtha (petroleum), light aliph.;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons obtained from the distillation of crude oil or natural gasoline. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>10</sub> and boiling in the range of approximately 35 °C to 160 °C (95 °F to 320 °F).] | 265-192-2 | 64742-89-8 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|--|-----------|------------|---|------------------------------|---------------------|----------|
| 649-268-00-6   | Distillates (petroleum), straight-run light;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>7</sub> and boiling in the range of approximately – 88 °C to 99 °C (– 127 °F to 210 °F).]                          | 270-077-5 | 68410-05-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-269-00-1   | Gasoline, vapor-recovery;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons separated from the gases from vapor recovery systems by cooling. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately – 20 °C to 196 °C(–4 °F to 384 °F).]                         | 271-025-4 | 68514-15-8 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-270-00-7   | Gasoline, straight-run, topping-plant;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons produced from the topping plant by the distillation of crude oil. It boils in the range of approximately 36,1 °C to 193,3 °C (97 °F to 380 °F).]  | 271-727-0 | 68606-11-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-271-00-2   | Naphtha (petroleum), unsweetened;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons produced from the distillation of naphtha streams from various refinery processes. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>12</sub> and boiling in the range of approximately 0 °C to 230 °C (25 °F to 446 °F).] | 272-186-3 | 68783-12-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-272-00-8   | Distillates (petroleum), light straight-run gasoline fractionation stabilizer overheads;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons obtained by the fractionation of light straight-run gasoline. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>6</sub> .]                      | 272-931-2 | 68921-08-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|--|-----------|-------------|---|------------------------------|---------------------|----------|
| 649-273-00-3   | Naphtha (petroleum), heavy straight run, arom.-contg.;<br>Low boiling point naphtha;<br>[A complex combination of hydrocarbons obtained from a distillation process of crude petroleum. It consists predominantly of hydrocarbons having carbon numbers in the range of C <sub>8</sub> through C <sub>12</sub> and boiling in the range of approximately 130 °C to 210 °C (266 °F to 410 °F).]   | 309-945-6 | 101631-20-3 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-274-00-9   | Naphtha (petroleum), full-range alkylate;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons produced by distillation of the reaction products of isobutane with monoolefinic hydrocarbons usually ranging in carbon numbers from C <sub>3</sub> through C <sub>5</sub> . It consists of predominantly branched chain saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> and boiling in the range of approximately 90 °C to 220 °C (194 °F to 428 °F).] | 265-066-7 | 64741-64-6  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-275-00-4   | Naphtha (petroleum), heavy alkylate;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons produced by distillation of the reaction products of isobutane with monoolefinic hydrocarbons usually ranging in carbon numbers from C <sub>3</sub> to C <sub>5</sub> . It consists of predominantly branched chain saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>9</sub> through C <sub>12</sub> and boiling in the range of approximately 150 °C to 220 °C (302 °F to 428 °F).]          | 265-067-2 | 64741-65-7  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-276-00-X   | Naphtha (petroleum), light alkylate;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons produced by distillation of the reaction products of isobutane with monoolefinic hydrocarbons usually ranging in carbon numbers from C <sub>3</sub> through C <sub>5</sub> . It consists of predominantly branched chain saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>10</sub> and boiling in the range of approximately 90 °C to 160 °C (194 °F to 320 °F).]      | 265-068-8 | 64741-66-8  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|---|-----------|------------|---|------------------------------|---------------------|----------|
| 649-277-00-5   | Naphtha (petroleum), isomerization;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons obtained from catalytic isomerization of straight chain paraffinic C <sub>4</sub> through C <sub>6</sub> hydrocarbons. It consists predominantly of saturated hydrocarbons such as isobutane, isopentane, 2,2-dimethylbutane, 2-methylpentane, and 3-methylpentane.]                               | 265-073-5 | 64741-70-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-278-00-0   | Naphtha (petroleum), solvent-refined light;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>11</sub> and boiling in the range of approximately 35 °C to 190 °C (95 °F to 374 °F).]  | 265-086-6 | 64741-84-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-279-00-6   | Naphtha (petroleum), solvent-refined heavy;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons obtained as the raffinate from a solvent extraction process. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> and boiling in the range of approximately 90 °C to 230 °C (194 °F to 446 °F).] | 265-095-5 | 64741-92-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-280-00-1   | Raffinates (petroleum), catalytic reformer ethylene glycol-water countercurrent exts.;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons obtained as the raffinate from the UDEX extraction process on the catalytic reformer stream. It consists of saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>9</sub> .]                 | 270-088-5 | 68410-71-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|---|-----------|------------|---|------------------------------|---------------------|----------|
| 649-281-00-7   | Raffinates (petroleum), reformer, Lurgi unit-sepd;<br>Low boiling point modified naphtha;<br>[The complex combination of hydrocarbons obtained as a raffinate from a Lurgi separation unit. It consists predominantly of non-aromatic hydrocarbons with various small amounts of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>8</sub> .]   | 270-349-3 | 68425-35-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-282-00-2   | Naphtha (petroleum), full-range alkylate, butane-contg;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons produced by the distillation of the reaction products of isobutane with monoolefinic hydrocarbons usually ranging in carbon numbers from C <sub>3</sub> through C <sub>5</sub> . It consists of predominantly branched chain saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> with some butanes and boiling in the range of approximately 35 °C to 200 °C (95 °F to 428 °F).] | 271-267-0 | 68527-27-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-283-00-8   | Distillates (petroleum), naphtha steam cracking-derived, solvent-refined light hydro-treated;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons obtained as the raffinates from a solvent extraction process of hydrotreated light distillate from steam-cracked naphtha.]   | 295-315-5 | 91995-53-8 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-284-00-3   | Naphtha (petroleum), C <sub>4-12</sub> , butane-alkylate, iso-octane-rich;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons obtained by alkylation of butanes. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>12</sub> , rich in iso-octane, and boiling in the range of approximately 35 °C to 210 °C (95 °F to 410 °F).]   | 295-430-0 | 92045-49-3 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|---|-----------|-------------|---|------------------------------|---------------------|----------|
| 649-285-00-9   | Hydrocarbons, hydrotreated light naphtha distillates, solvent-refined;<br>Low boiling point modified naphtha;<br>[A combination of hydrocarbons obtained from the distillation of hydrotreated naphtha followed by a solvent extraction and distillation process. It consists predominantly of saturated hydrocarbons boiling in the range of approximately 94 °C to 99 °C (201 °F to 210 °F).]   | 295-436-3 | 92045-55-1  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-286-00-4   | Naphtha (petroleum), isomerization, C <sub>6</sub> -fraction;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons obtained by distillation of a gasoline which has been catalytically isomerized. It consists predominantly of hexane isomers boiling in the range of approximately 60 °C to 66 °C (140 °F to 151 °F).]  | 295-440-5 | 92045-58-4  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-287-00-X   | Hydrocarbons, C <sub>6-7</sub> , naphtha-cracking, solvent-refined;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons obtained by the sorption of benzene from a catalytically fully hydrogenated benzene-rich hydrocarbon cut that was distillatively obtained from prehydrogenated cracked naphtha. It consists predominantly of paraffinic and naphthenic hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>7</sub> and boiling in the range of approximately 70 °C to 100 °C (158 °F to 212 °F).] | 295-446-8 | 92045-64-2  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-288-00-5   | Hydrocarbons, C <sub>6</sub> -rich, hydrotreated light naphtha distillates, solvent-refined;<br>Low boiling point modified naphtha;<br>[A complex combination of hydrocarbons obtained by distillation of hydrotreated naphtha followed by solvent extraction. It consists predominantly of saturated hydrocarbons and boiling in the range of approximately 65 °C to 70 °C (149 °F to 158 °F).]  | 309-871-4 | 101316-67-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|--|-----------|------------|---|------------------------------|---------------------|----------|
| 649-289-00-0   | Naphtha (petroleum), heavy catalytic cracked;<br>Low boiling point cat-cracked naphtha;<br>[A complex combination of hydrocarbons produced by a distillation of products from a catalytic cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>12</sub> and boiling in the range of approximately 65 °C to 230 °C (148 °F to 446 °F). It contains a relatively large proportion of unsaturated hydrocarbons.]     | 265-055-7 | 64741-54-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-290-00-6   | Naphtha (petroleum), light catalytic cracked;<br>Low boiling point cat-cracked naphtha;<br>[A complex combination of hydrocarbons produced by the distillation of products from a catalytic cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately – 20 °C to 190 °C (– 4 °F to 374 °F). It contains a relatively large proportion of unsaturated hydrocarbons.] | 265-056-2 | 64741-55-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-291-00-1   | Hydrocarbons, C <sub>3-11</sub> , catalytic cracker distillates;<br>Low boiling point cat-cracked naphtha;<br>[A complex combination of hydrocarbons produced by the distillations of products from a catalytic cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>11</sub> and boiling in a range approximately up to 204 °C (400 °F).]  | 270-686-6 | 68476-46-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-292-00-7   | Naphtha (petroleum), catalytic cracked light distd.;<br>Low boiling point cat-cracked naphtha;<br>[A complex combination of hydrocarbons produced by the distillation of products from a catalytic cracking process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>1</sub> through C <sub>5</sub> .]  | 272-185-8 | 68783-09-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |



| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                                      | Označovanie                  | Limity koncentrácie | Poznámky |
|----------------|--|-----------|------------|---|------------------------------|---------------------|----------|
| 649-293-00-2   | Distillates (petroleum), naphtha steam cracking-derived, hydrotreated light arom.;<br>Low boiling point cat-cracked naphtha;<br>[A complex combination of hydrocarbons obtained by treating a light distillate from steam-cracked naphtha. It consists predominantly of aromatic hydrocarbons.]  | 295-311-3 | 91995-50-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-294-00-8   | Naphtha (petroleum), heavy catalytic cracked, sweetened;<br>Low boiling point cat-cracked naphtha;<br>[A complex combination of hydrocarbons obtained by subjecting a catalytic cracked petroleum distillate to a sweetening process to convert mercaptans or to remove acidic impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>12</sub> and boiling in the range of approximately 60 °C to 200 °C (140 °F to 392 °F).] | 295-431-6 | 92045-50-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-295-00-3   | Naphtha (petroleum), light catalytic cracked sweetened;<br>Low boiling point cat-cracked naphtha;<br>[A complex combination of hydrocarbons obtained by subjecting naphtha from a catalytic cracking process to a sweetening process to convert mercaptans or to remove acidic impurities. It consists predominantly of hydrocarbons boiling in a range of approximately 35 °C to 210 °C (95 °F to 410 °F).]   | 295-441-0 | 92045-59-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-296-00-9   | Hydrocarbons, C <sub>8-12</sub> , catalytic-cracking, chem. neutralized;<br>Low boiling point cat-cracked naphtha;<br>[A complex combination of hydrocarbons produced by the distillation of a cut from the catalytic cracking process, having undergone an alkaline washing. It consists predominantly of hydrocarbons having carbon numbers in the range of C <sub>8</sub> through C <sub>12</sub> and boiling in the range of approximately 130 °C to 210 °C (266 °F to 410 °F).]                           | 295-794-0 | 92128-94-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|---|-----------|-------------|---|------------------------------|---------------------|----------|
| 649-297-00-4   | Hydrocarbons, C <sub>8-12</sub> , catalytic cracker distillates;<br>Low boiling point cat-cracked naphtha;<br>[A complex combination of hydrocarbons obtained by distillation of products from a catalytic cracking process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>8</sub> through C <sub>12</sub> and boiling in the range of approximately 140 °C to 210 °C (284 °F to 410 °F).]   | 309-974-4 | 101794-97-2 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-298-00-X   | Hydrocarbons, C <sub>8-12</sub> , catalytic cracking, chem. neutralized, sweetened;<br>Low boiling point cat-cracked naphtha  | 309-987-5 | 101896-28-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-299-00-5   | Naphtha (petroleum), light catalytic reformed;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons produced from the distillation of products from a catalytic reforming process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>11</sub> and boiling in the range of approximately 35 °C to 190 °C (95 °F to 374 °F). It contains a relatively large proportion of aromatic and branched chain hydrocarbons. This stream may contain 10 vol. % or more benzene.] | 265-065-1 | 64741-63-5  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-300-00-9   | Naphtha (petroleum), heavy catalytic reformed;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons produced from the distillation of products from a catalytic reforming process. It consists of predominantly aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> and boiling in the range of approximately 90 °C to 230 °C (194 °F to 446 °F).]   | 265-070-9 | 64741-68-0  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|---|-----------|------------|---|------------------------------|---------------------|----------|
| 649-301-00-4   | Distillates (petroleum), catalytic reformed de-pentanizer;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons from the distillation of products from a catalytic reforming process. It consists predominantly of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>6</sub> and boiling in the range of approximately - 49 °C to 63 °C (- 57 °F to 145 °F).]  | 270-660-4 | 68475-79-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-302-00-X   | Hydrocarbons, C <sub>2-6</sub> , C <sub>6-8</sub> catalytic reformer;<br>Low boiling point cat-reformed naphtha   | 270-687-1 | 68476-47-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-303-00-5   | Residues (petroleum), C <sub>6-8</sub> catalytic reformer;<br>Low boiling point cat-reformed naphtha;<br>[A complex residuum from the catalytic reforming of C <sub>6-8</sub> feed. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>6</sub> .]  | 270-794-3 | 68478-15-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-304-00-0   | Naphtha (petroleum), light catalytic reformed, arom.-free;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons obtained from distillation of products from a catalytic reforming process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>8</sub> and boiling in the range of approximately 35 °C to 120 °C (95 °F to 248 °F). It contains a relatively large proportion of branched chain hydrocarbons with the aromatic components removed.] | 270-993-5 | 68513-03-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-305-00-6   | Distillates (petroleum), catalytic reformed straight-run naphtha overheads;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons obtained by the catalytic reforming of straight-run naphtha followed by the fractionation of the total effluent. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>6</sub> .]  | 271-008-1 | 68513-63-3 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|---|-----------|------------|---|------------------------------|---------------------|----------|
| 649-306-00-1   | Petroleum products, hydrofiner-powerformer reformates;<br>Low boiling point cat-reformed naphtha;<br>[The complex combination of hydrocarbons obtained in a hydrofiner-powerformer process and boiling in a range of approximately 27 °C to 210 °C (80 °F to 410 °F).]  | 271-058-4 | 68514-79-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-307-00-7   | Naphtha (petroleum), full-range reformed;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons produced by the distillation of the products from a catalytic reforming process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>12</sub> and boiling in the range of approximately 35 °C to 230 °C (95 °F to 446 °F).]  | 272-895-8 | 68919-37-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-308-00-2   | Naphtha (petroleum), catalytic reformed;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons produced by the distillation of products from a catalytic reforming process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>12</sub> and boiling in the range of approximately 30 °C to 220 °C (90 °F to 430 °F). It contains a relatively large proportion of aromatic and branched chain hydrocarbons. This stream may contain 10 vol. % or more benzene.] | 273-271-8 | 68955-35-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-309-00-8   | Distillates (petroleum), catalytic reformed hydro-treated light, C <sub>8-12</sub> arom. fraction;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of alkylbenzenes obtained by the catalytic reforming of petroleum naphtha. It consists predominantly of alkylbenzenes having carbon numbers predominantly in the range of C <sub>8</sub> through C <sub>10</sub> and boiling in the range of approximately 160 °C to 180 °C (320 °F to 356 °F).]  | 285-509-8 | 85116-58-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-310-00-3   | Aromatic hydrocarbons, C <sub>8</sub> , catalytic reforming-derived;<br>Low boiling point cat-reformed naphtha  | 295-279-0 | 91995-18-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|--|-----------|------------|---|------------------------------|---------------------|----------|
| 649-311-00-9   | Aromatic hydrocarbons, C <sub>7-12</sub> , C <sub>8</sub> -rich;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons obtained by separation from the platformate-containing fraction. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> (primarily C <sub>8</sub> ) and can contain nonaromatic hydrocarbons, both boiling in the range of approximately 130 °C to 200 °C (266 °F to 392 °F).]        | 297-401-8 | 93571-75-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-312-00-4   | Gasoline, C <sub>5-11</sub> , high-octane stabilised reformed;<br>Low boiling point cat-reformed naphtha;<br>[A complex high octane combination of hydrocarbons obtained by the catalytic dehydrogenation of a predominantly naphthenic naphtha. It consists predominantly of aromatics and non-aromatics having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>11</sub> and boiling in the range of approximately 45 °C to 185 °C (113 °F to 365 °F).]  | 297-458-9 | 93572-29-3 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-313-00-X   | Hydrocarbons, C <sub>7-12</sub> , C <sub>9</sub> -arom.-rich, reforming heavy fraction;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons obtained by separation from the platformate-containing fraction. It consists predominantly of nonaromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> and boiling in the range of approximately 120 °C to 210 °C (248 °F to 380 °F) and C <sub>9</sub> and higher aromatic hydrocarbons.] | 297-465-7 | 93572-35-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-314-00-5   | Hydrocarbons, C <sub>5-11</sub> , nonaroms.-rich, reforming light fraction;<br>Low boiling point cat-reformed naphtha;<br>[A complex combination of hydrocarbons obtained by separation from the platformate-containing fraction. It consists predominantly of nonaromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>11</sub> and boiling in the range of approximately 35 °C to 125 °C (94 °F to 257 °F), benzene and toluene.]  | 297-466-2 | 93572-36-2 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|---|-----------|------------|---|------------------------------|---------------------|----------|
| 649-316-00-6   | Naphtha (petroleum), light thermal cracked;<br>Low boiling point thermally cracked naphtha;<br>[A complex combination of hydrocarbons from distillation of products from a thermal cracking process. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>8</sub> and boiling in the range of approximately -10 °C to 130 °C (14 °F to 266 °F).]                           | 265-075-6 | 64741-74-8 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-317-00-1   | Naphtha (petroleum), heavy thermal cracked;<br>Low boiling point thermally cracked naphtha;<br>[A complex combination of hydrocarbons from distillation of the products from a thermal cracking process. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>12</sub> and boiling in the range of approximately 65 °C to 220 °C (148 °F to 428 °F).]                      | 265-085-0 | 64741-83-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-318-00-7   | Distillates (petroleum), heavy arom.;<br>Low boiling point thermally cracked naphtha;<br>[The complex combination of hydrocarbons from the distillation of the products from the thermal cracking of ethane and propane. This higher boiling fraction consists predominantly of C <sub>5-7</sub> aromatic hydrocarbons with some unsaturated aliphatic hydrocarbons having carbon number predominantly of C <sub>5</sub> . This stream may contain benzene.]  | 267-563-4 | 67891-79-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-319-00-2   | Distillates (petroleum), light arom.;<br>Low boiling point thermally cracked naphtha;<br>[The complex combination of hydrocarbons from the distillation of the products from the thermal cracking of ethane and propane. This lower boiling fraction consists predominantly of C <sub>5-7</sub> aromatic hydrocarbons with some unsaturated aliphatic hydrocarbons having a carbon number predominantly of C <sub>5</sub> . This stream may contain benzene.] | 267-565-5 | 67891-80-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|--|-----------|------------|---|------------------------------|---------------------|----------|
| 649-320-00-8   | Distillates (petroleum), naphtha-raffinate pyrolyzate-derived, gasoline-blending;<br>Low boiling point thermally cracked naphtha;<br>[The complex combination of hydrocarbons obtained by the pyrolysis fractionation at 816 °C (1 500 °F) of naphtha and raffinate. It consists predominantly of hydrocarbons having a carbon number of C <sub>9</sub> and boiling at approximately 204 °C (400 °F).]   | 270-344-6 | 68425-29-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-321-00-3   | Aromatic hydrocarbons, C <sub>6-8</sub> , naphtha-raffinate pyrolyzate-derived;<br>Low boiling point thermally cracked naphtha;<br>[A complex combination of hydrocarbons obtained by the fractionation pyrolysis at 816 °C (1 500 °F) of naphtha and raffinate. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>8</sub> , including benzene.]  | 270-658-3 | 68475-70-7 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-322-00-9   | Distillates (petroleum), thermal cracked naphtha and gas oil;<br>Low boiling point thermally cracked naphtha;<br>[A complex combination of hydrocarbons produced by distillation of thermally cracked naphtha and/or gas oil. It consists predominantly of olefinic hydrocarbons having a carbon number of C <sub>5</sub> and boiling in the range of approximately 33 °C to 60 °C (91 °F to 140 °F).]   | 271-631-9 | 68603-00-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-323-00-4   | Distillates (petroleum), thermal cracked naphtha and gas oil, C <sub>5</sub> -dimer-contg.;<br>Low boiling point thermally cracked naphtha;<br>[A complex combination of hydrocarbons produced by the extractive distillation of thermal cracked naphtha and/or gas oil. It consists predominantly of hydrocarbons having a carbon number of C <sub>5</sub> with some dimerized C <sub>5</sub> olefins and boiling in the range of approximately 33 °C to 184 °C (91 °F to 363 °F).] | 271-632-4 | 68603-01-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|--|-----------|------------|---|------------------------------|---------------------|----------|
| 649-324-00-X   | Distillates (petroleum), thermal cracked naphtha and gas oil, extractive;<br>Low boiling point thermally cracked naphtha;<br>[A complex combination of hydrocarbons produced by the extractive distillation of thermal cracked naphtha and/or gas oil. It consists of paraffinic and olefinic hydrocarbons, predominantly isoamylenes such as 2-methyl-1-butene and 2-methyl-2-butene and boiling in the range of approximately 31 °C to 40 °C (88 °F to 104 °F).]   | 271-634-5 | 68603-03-2 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-325-00-5   | Distillates (petroleum), light thermal cracked, debutanized arom.;<br>Low boiling point thermally cracked naphtha;<br>[A complex combination of hydrocarbons produced by the distillation of products from a thermal cracking process. It consists predominantly of aromatic hydrocarbons, primarily benzene.]   | 273-266-0 | 68955-29-3 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-326-00-0   | Naphtha (petroleum), light thermal cracked, sweetened;<br>Low boiling point thermally cracked naphtha;<br>[A complex combination of hydrocarbons obtained by subjecting a petroleum distillate from the high temperature thermal cracking of heavy oil fractions to a sweetening process to convert mercaptans. It consists predominantly of aromatics, olefins and saturated hydrocarbons boiling in the range of approximately 20 °C to 100 °C (68 °F to 212 °F).] | 295-447-3 | 92045-65-3 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-327-00-6   | Naphtha (petroleum), hydrotreated heavy;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>13</sub> and boiling in the range of approximately 65 °C to 230 °C (149 °F to 446 °F).]                                       | 265-150-3 | 64742-48-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |



| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                                      | Označovanie                  | Limity koncentrácie | Poznámky |
|----------------|--|-----------|------------|---|------------------------------|---------------------|----------|
| 649-328-00-1   | Naphtha (petroleum), hydrotreated light;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately minus 20 °C to 190 °C (– 4 °F to 374 °F).]                         | 265-151-9 | 64742-49-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-329-00-7   | Naphtha (petroleum), hydrodesulfurized light;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately – 20 °C to 190 °C (– 4 °F to 374 °F).]   | 265-178-6 | 64742-73-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-330-00-2   | Naphtha (petroleum), hydrodesulfurized heavy;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> and boiling in the range of approximately 90 °C to 230 °C (194 °F to 446 °F).]   | 265-185-4 | 64742-82-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-331-00-8   | Distillates (petroleum), hydrotreated middle, intermediate boiling;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by the distillation of products from a middle distillate hydrotreating process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>10</sub> and boiling in the range of approximately 127 °C to 188 °C (262 °F to 370 °F).] | 270-092-7 | 68410-96-8 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|---|-----------|------------|---|------------------------------|---------------------|----------|
| 649-332-00-3   | Distillates (petroleum), light distillate hydro-treating process, low-boiling;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by the distillation of products from the light distillate hydrotreating process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>9</sub> and boiling in the range of approximately 3 °C to 194 °C (37 °F to 382 °F).]  | 270-093-2 | 68410-97-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-333-00-9   | Distillates (petroleum), hydrotreated heavy naphtha, deisohexanizer overheads;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by distillation of the products from a heavy naphtha hydrotreating process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>6</sub> and boiling in the range of approximately -49 °C to 68 °C (-57 °F to 155 °F).]     | 270-094-8 | 68410-98-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-334-00-4   | Solvent naphtha (petroleum), light arom., hydrotreated;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>8</sub> through C <sub>10</sub> and boiling in the range of approximately 135 °C to 210 °C (275 °F to 410 °F).] | 270-988-8 | 68512-78-7 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-335-00-X   | Naphtha (petroleum), hydrodesulfurized thermal cracked light;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by fractionation of hydrodesulfurized thermal cracker distillate. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> to C <sub>11</sub> and boiling in the range of approximately 23 °C to 195 °C (73 °F to 383 °F).]                       | 285-511-9 | 85116-60-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|--|-----------|------------|---|------------------------------|---------------------|----------|
| 649-336-00-5   | Naphtha (petroleum), hydrotreated light, cycloalkane-contg.;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained from the distillation of a petroleum fraction. It consists predominantly of alkanes and cycloalkanes boiling in the range of approximately - 20 °C to 190 °C (- 4 °F to 374 °F).]   | 285-512-4 | 85116-61-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-337-00-0   | Naphtha (petroleum), heavy steam-cracked, hydrogenated;<br>Low boiling point hydrogen treated naphtha  | 295-432-1 | 92045-51-7 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-338-00-6   | Naphtha (petroleum), hydrodesulfurized full-range;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained from a catalytic hydrodesulfurization process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately 30 °C to 250 °C (86 °F to 482 °F).]   | 295-433-7 | 92045-52-8 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-339-00-1   | Naphtha (petroleum), hydrotreated light steam-cracked;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by treating a petroleum fraction, derived from a pyrolysis process, with hydrogen in the presence of a catalyst. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>11</sub> and boiling in the range of approximately 35 °C to 190 °C (95 °F to 374 °F).] | 295-438-4 | 92045-57-3 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|--|-----------|------------|---|------------------------------|---------------------|----------|
| 649-340-00-7   | Hydrocarbons, C <sub>4-12</sub> , naphtha-cracking, hydrotreated;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by distillation from the product of a naphtha steam cracking process and subsequent catalytic selective hydrogenation of gum formers. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>12</sub> and boiling in the range of approximately 30 °C to 230 °C (86 °F to 446 °F).]   | 295-443-1 | 92045-61-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-341-00-2   | Solvent naphtha (petroleum), hydrotreated light naphthenic;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists predominantly of cycloparaffinic hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>7</sub> and boiling in the range of approximately 73 °C to 85 °C (163 °F to 185 °F).]  | 295-529-9 | 92062-15-2 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-342-00-8   | Naphtha (petroleum), light steam-cracked, hydrogenated;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons produced from the separation and subsequent hydrogenation of the products of a steam-cracking process to produce ethylene. It consists predominantly of saturated and unsaturated paraffins, cyclic paraffins and cyclic aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>10</sub> and boiling in the range of approximately 50 °C to 200 °C (122 °F to 392 °F). The proportion of benzene hydrocarbons may vary up to 30 wt. % and the stream may also contain small amounts of sulfur and oxygenated compounds.] | 296-942-7 | 93165-55-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|--|-----------|------------|---|------------------------------|---------------------|----------|
| 649-343-00-3   | Hydrocarbons, C <sub>6-11</sub> , hydrotreated, dearomatized;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained as solvents which have been subjected to hydrotreatment in order to convert aromatics to naphthenes by catalytic hydrogenation.]   | 297-852-0 | 93763-33-8 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-344-00-9   | Hydrocarbons, C <sub>9-12</sub> , hydrotreated, dearomatized;<br>Low boiling point hydrogen treated naphtha;<br>[A complex combination of hydrocarbons obtained as solvents which have been subjected to hydrotreatment in order to convert aromatics to naphthenes by catalytic hydrogenation.]   | 297-853-6 | 93763-34-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-345-00-4   | Stoddard solvent;<br>Low boiling point naphtha - unspecified;<br>[A colorless, refined petroleum distillate that is free from rancid or objectionable odors and that boils in a range of approximately 148,8 °C to 204,4 °C. (300 °F to 400 °F).]  | 232-489-3 | 8052-41-3  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-346-00-X   | Natural gas condensates (petroleum);<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons separated as a liquid from natural gas in a surface separator by retrograde condensation. It consists mainly of hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> to C <sub>20</sub> . It is a liquid at atmospheric temperature and pressure.] | 265-047-3 | 64741-47-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-347-00-5   | Natural gas (petroleum), raw liq. mix;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons separated as a liquid from natural gas in a gas recycling plant by processes such as refrigeration or absorption. It consists mainly of saturated aliphatic hydrocarbons having carbon numbers in the range of C <sub>2</sub> through C <sub>8</sub> .]                     | 265-048-9 | 64741-48-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|---|-----------|------------|---|------------------------------|---------------------|----------|
| 649-348-00-0   | Naphtha (petroleum), light hydrocracked;<br>Low boiling naphtha - unspecified;<br>[A complex combination of hydrocarbons from distillation of the products from a hydrocracking process. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>10</sub> , and boiling in the range of approximately – 20 °C to 180 °C (– 4 °F to 356 °F).]                            | 265-071-4 | 64741-69-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-349-00-6   | Naphtha (petroleum), heavy hydrocracked;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons from distillation of the products from a hydrocracking process. It consists predominantly of saturated hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>12</sub> , and boiling in the range of approximately 65 °C to 230 °C (148 °F to 446 °F).]                        | 265-079-8 | 64741-78-2 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-350-00-1   | Naphtha (petroleum), sweetened;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by subjecting a petroleum naphtha to a sweetening process to convert mercaptans or to remove acidic impurities. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>12</sub> and boiling in the range of approximately – 10 °C to 230 °C (14 °F to 446 °F).] | 265-089-2 | 64741-87-3 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-351-00-7   | Naphtha (petroleum), acid-treated;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained as a raffinate from a sulfuric acid treating process. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> and boiling in the range of approximately 90 °C to 230 °C (194 °F to 446 °F).]   | 265-115-2 | 64742-15-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|---|-----------|------------|---|------------------------------|---------------------|----------|
| 649-352-00-2   | Naphtha (petroleum), chemically neutralized heavy;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons produced by a treating process to remove acidic materials. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>12</sub> and boiling in the range of approximately 65 °C to 230 °C (149 °F to 446 °F).]   | 265-122-0 | 64742-22-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-353-00-8   | Naphtha (petroleum), chemically neutralized light;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons produced by a treating process to remove acidic materials. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately – 20 °C to 190 °C (– 4 °F to 374 °F).]   | 265-123-6 | 64742-23-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-354-00-3   | Naphtha (petroleum), catalytic dewaxed;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained from the catalytic dewaxing of a petroleum fraction. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>12</sub> and boiling in the range of approximately 35 °C to 230 °C (95 °F to 446 °F).]  | 265-170-2 | 64742-66-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-355-00-9   | Naphtha (petroleum), light steam-cracked;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by the distillation of the products from a steam cracking process. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately minus 20 °C to 190 °C (– 4 °F to 374 °F). This stream is likely to contain 10 vol. % or more benzene.] | 265-187-5 | 64742-83-2 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|--|-----------|------------|---|------------------------------|---------------------|----------|
| 649-356-00-4   | Solvent naphtha (petroleum), light arom.;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained from distillation of aromatic streams. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>8</sub> through C <sub>10</sub> and boiling in the range of approximately 135 °C to 210 °C (275 °F to 410 °F).]  | 265-199-0 | 64742-95-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-357-00-X   | Aromatic hydrocarbons, C <sub>6-10</sub> , acid-treated, neutralized;<br>Low boiling point naphtha - unspecified   | 268-618-5 | 68131-49-7 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-358-00-5   | Distillates (petroleum), C <sub>3-5</sub> , 2-methyl-2-butene-rich;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons from the distillation of hydrocarbons usually ranging in carbon numbers from C <sub>3</sub> through C <sub>5</sub> , predominantly isopentane and 3-methyl-1-butene. It consists of saturated and unsaturated hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>5</sub> , predominantly 2-methyl-2-butene.] | 270-725-7 | 68477-34-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-359-00-0   | Distillates (petroleum), polymd. steam-cracked petroleum distillates, C <sub>5-12</sub> fraction;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained from the distillation of polymerized steam-cracked petroleum distillate. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>12</sub> .]  | 270-735-1 | 68477-50-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-360-00-6   | Distillates (petroleum), steam-cracked, C <sub>5-12</sub> fraction;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of organic compounds obtained by the distillation of products from a steam cracking process. It consists of unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>12</sub> .]   | 270-736-7 | 68477-53-2 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |



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|----------------|--|-----------|------------|---|------------------------------|---------------------|----------|
| 649-361-00-1   | Distillates (petroleum), steam-cracked, C <sub>5-10</sub> fraction, mixed with light steam-cracked petroleum naphtha C <sub>5</sub> fraction;<br>Low boiling point naphtha - unspecified   | 270-738-8 | 68477-55-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-362-00-7   | Extracts (petroleum), cold-acid, C <sub>4-6</sub> ;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of organic compounds produced by cold acid unit extraction of saturated and unsaturated aliphatic hydrocarbons usually ranging in carbon numbers from C <sub>3</sub> through C <sub>6</sub> , predominantly pentanes and amylenes. It consists predominantly of saturated and unsaturated hydrocarbons having carbon numbers in the range of C <sub>4</sub> through C <sub>6</sub> , predominantly C <sub>5</sub> .] | 270-741-4 | 68477-61-2 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-363-00-2   | Distillates (petroleum), depentanizer overheads;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained from a catalytic cracked gas stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>6</sub> .]  | 270-771-8 | 68477-89-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-364-00-8   | Residues (petroleum), butane splitter bottoms;<br>Low boiling point naphtha - unspecified;<br>[A complex residuum from the distillation of butane stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>6</sub> .]   | 270-791-7 | 68478-12-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-365-00-3   | Residual oils (petroleum), deisobutanizer tower;<br>Low boiling point naphtha - unspecified;<br>[A complex residuum from the atmospheric distillation of the butane-butylene stream. It consists of aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>6</sub> .]  | 270-795-9 | 68478-16-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|---|-----------|------------|---|------------------------------|---------------------|----------|
| 649-366-00-9   | Naphtha (petroleum), full-range coker;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons produced by the distillation of products from a fluid coker. It consists predominantly of unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>15</sub> and boiling in the range of approximately 43 °C to 250 °C (110 °F-500 °F).]  | 270-991-4 | 68513-02-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-367-00-4   | Naphtha (petroleum), steam-cracked middle arom.;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons produced by the distillation of products from a steam-cracking process. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> and boiling in the range of approximately 130 °C to 220 °C (266 °F to 428 °F).]  | 271-138-9 | 68516-20-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-368-00-X   | Naphtha (petroleum), clay-treated full-range straight-run;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons resulting from treatment of full-range straight-run naphtha with natural or modified clay, usually in a percolation process to remove the trace amounts of polar compounds and impurities present. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately -20 °C to 220 °C (-4 °F to 429 °F).] | 271-262-3 | 68527-21-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

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|----------------|---|-----------|------------|---|------------------------------|---------------------|----------|
| 649-369-00-5   | Naphtha (petroleum), clay-treated light straight-run;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons resulting from treatment of light straight-run naphtha with a natural or modified clay, usually in a percolation process to remove the trace amounts of polar compounds and impurities present. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>10</sub> and boiling in the range of approximately 93 °C to 180 °C (200 °F to 356 °F).] | 271-263-9 | 68527-22-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-370-00-0   | Naphtha (petroleum), light steam-cracked arom.;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons produced by distillation of products from a steam-cracking process. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>9</sub> and boiling in the range of approximately 110 °C to 165 °C (230 °F to 329 °F).]  | 271-264-4 | 68527-23-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-371-00-6   | Naphtha (petroleum), light steam-cracked, debenzenized;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons produced by distillation of products from a steam-cracking process. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>12</sub> and boiling in the range of approximately 80 °C to 218 °C (176 °F to 424 °F).]   | 271-266-5 | 68527-26-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-372-00-1   | Naphtha (petroleum), arom.-contg.;<br>Low boiling point naphtha - unspecified   | 271-635-0 | 68603-08-7 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-373-00-7   | Gasoline, pyrolysis, debutanizer bottoms;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained from the fractionation of depropanizer bottoms. It consists of hydrocarbons having carbon numbers predominantly greater than C <sub>5</sub> .]   | 271-726-5 | 68606-10-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                                      | Označovanie                  | Limity koncentrácie | Poznámky |
|----------------|---|-----------|------------|---|------------------------------|---------------------|----------|
| 649-374-00-2   | Naphtha (petroleum), light, sweetened;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by subjecting a petroleum distillate to a sweetening process to convert mercaptans or to remove acidic impurities. It consists predominantly of saturated and unsaturated hydrocarbons having carbon numbers predominantly in the range of C <sub>3</sub> through C <sub>6</sub> and boiling in the range of approximately - 20 °C to 100 °C (- 4 °F to 212 °F).]           | 272-206-0 | 68783-66-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-375-00-8   | Natural gas condensates;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons separated and/or condensed from natural gas during transportation and collected at the wellhead and/or from the production, gathering, transmission, and distribution pipelines in deeps, scrubbers, etc. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>8</sub> .]   | 272-896-3 | 68919-39-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-376-00-3   | Distillates (petroleum), naphtha unifier stripper;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons produced by stripping the products from the naphtha unifier. It consists of saturated aliphatic hydrocarbons having carbon numbers predominantly in the range of C <sub>2</sub> through C <sub>6</sub> .]  | 272-932-8 | 68921-09-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-377-00-9   | Naphtha (petroleum), catalytic reformed light, arom.-free fraction;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons remaining after removal of aromatic compounds from catalytic reformed light naphtha in a selective absorption process. It consists predominantly of paraffinic and cyclic compounds having carbon numbers predominantly in the range of C <sub>5</sub> to C <sub>8</sub> and boiling in the range of approximately 66 °C to 121 °C (151 °F to 250 °F).] | 285-510-3 | 85116-59-2 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                                      | Označovanie                  | Limity koncentrácie | Poznámky |
|----------------|--|-----------|------------|---|------------------------------|---------------------|----------|
| 649-378-00-4   | Gasoline;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons consisting primarily of paraffins, cycloparaffins, aromatic and olefinic hydrocarbons having carbon numbers predominantly greater than C <sub>3</sub> and boiling in the range of 30 °C to 260 °C (86 °F to 500 °F).]  | 289-220-8 | 86290-81-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-379-00-X   | Aromatic hydrocarbons, C <sub>7-8</sub> , dealkylation products, distn. residues;<br>Low boiling point naphtha - unspecified   | 292-698-0 | 90989-42-7 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-380-00-5   | Hydrocarbons, C <sub>4-6</sub> , depentanizer lights, arom. hydrotreater;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained as first runnings from the depentanizer column before hydrotreatment of the aromatic charges. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>6</sub> , predominantly pentanes and pentenes, and boiling in the range of approximately 25 °C to 40 °C (77 °F to 104 °F).] | 295-298-4 | 91995-38-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-381-00-0   | Distillates (petroleum), heat-soaked steam-cracked naphtha, C <sub>5</sub> -rich;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by distillation of heat-soaked steam-cracked naphtha. It consists predominantly of hydrocarbons having carbon numbers in the range of C <sub>4</sub> through C <sub>6</sub> , predominantly C <sub>5</sub> .]   | 295-302-4 | 91995-41-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-382-00-6   | Extracts (petroleum), catalytic reformed light naphtha solvent;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained as the extract from the solvent extraction of a catalytically reformed petroleum cut. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>8</sub> and boiling in the range of approximately 100 °C to 200 °C (212 °F to 392 °F).]  | 295-331-2 | 91995-68-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.     | Klasifikácia                                      | Označovanie                  | Limity koncentrácie | Poznámky |
|----------------|---|-----------|------------|---|------------------------------|---------------------|----------|
| 649-383-00-1   | Naphtha (petroleum), hydrodesulfurized light, dearomatized;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by distillation of hydrodesulfurized and dearomatized light petroleum fractions. It consists predominantly of C <sub>7</sub> paraffins and cycloparaffins boiling in a range of approximately 90 °C to 100 °C (194 °F to 212 °F).]   | 295-434-2 | 92045-53-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-384-00-7   | Naphtha (petroleum), light, C <sub>5</sub> -rich, sweetened;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by subjecting a petroleum naphtha to a sweetening process to convert mercaptans or to remove acidic impurities. It consists of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>5</sub> , predominantly C <sub>5</sub> , and boiling in the range of approximately minus 10 °C to 35 °C (14 °F to 95 °F).]                    | 295-442-6 | 92045-60-8 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-385-00-2   | Hydrocarbons, C <sub>8-11</sub> , naphtha-cracking, toluene cut;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by distillation from prehydrogenated cracked naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>8</sub> through C <sub>11</sub> and boiling in the range of approximately 130 °C to 205 °C (266 °F to 401 °F).]  | 295-444-7 | 92045-62-0 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-386-00-8   | Hydrocarbons, C <sub>4-11</sub> , naphtha-cracking, arom.-free;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained from prehydrogenated cracked naphtha after distillative separation of benzene- and toluene-containing hydrocarbon cuts and a higher boiling fraction. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>4</sub> through C <sub>11</sub> and boiling in the range of approximately 30 °C to 205 °C (86 °F to 401 °F).] | 295-445-2 | 92045-63-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia                                      | Označovanie                  | Limity koncentrácie | Poznámky |
|----------------|--|-----------|------------|---|------------------------------|---------------------|----------|
| 649-387-00-3   | Naphtha (petroleum), light heat-soaked, steam-cracked;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by the fractionation of steam cracked naphtha after recovery from a heat soaking process. It consists predominantly of hydrocarbons having a carbon number predominantly in the range of C <sub>4</sub> through C <sub>6</sub> and boiling in the range of approximately 0 °C to 80 °C (32 °F to 176 °F).]         | 296-028-8 | 92201-97-3 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-388-00-9   | Distillates (petroleum), C <sub>6</sub> -rich;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained from the distillation of a petroleum feedstock. It consists predominantly of hydrocarbons having carbon numbers of C <sub>5</sub> through C <sub>7</sub> , rich in C <sub>6</sub> , and boiling in the range of approximately 60 °C to 70 °C (140 °F to 158 °F).]  | 296-903-4 | 93165-19-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-389-00-4   | Gasoline, pyrolysis, hydrogenated;<br>Low boiling point naphtha-unspecified;<br>[A distillation fraction from the hydrogenation of pyrolysis gasoline boiling in the range of approximately 20 °C to 200 °C (68 °F to 392 °F).]  | 302-639-3 | 94114-03-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-390-00-X   | Distillates (petroleum), steam-cracked, C <sub>8-12</sub> fraction, polymd., distn. lights;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by distillation of the polymerized C <sub>8</sub> through C <sub>12</sub> fraction from steam-cracked petroleum distillates. It consists predominantly of aromatic hydrocarbons having carbon numbers predominantly in the range of C <sub>8</sub> through C <sub>12</sub> .] | 305-750-5 | 95009-23-7 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.      | Klasifikácia                                      | Označovanie                  | Limity koncentrácie | Poznámky |
|----------------|--|-----------|-------------|---|------------------------------|---------------------|----------|
| 649-391-00-5   | Extracts (petroleum) heavy naphtha solvent, clay-treated;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by the treatment of heavy naphthic solvent petroleum extract with bleaching earth. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>10</sub> and boiling in the range of approximately 80 °C to 180 °C (175 °F to 356 °F).]  | 308-261-5 | 97926-43-7  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-392-00-0   | Naphtha (petroleum), light steam-cracked, debenzenized, thermally treated;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by the treatment and distillation of debenzenized light steam-cracked petroleum naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>7</sub> through C <sub>12</sub> and boiling in the range of approximately 95 °C to 200 °C (203 °F to 392 °F).]   | 308-713-1 | 98219-46-6  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-393-00-6   | Naphtha (petroleum), light steam-cracked, thermally treated;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by the treatment and distillation of light steam-cracked petroleum naphtha. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>6</sub> and boiling in the range of approximately 35 °C to 80 °C (95 °F to 176 °F).]   | 308-714-7 | 98219-47-7  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-394-00-1   | Distillates (petroleum), C <sub>7-9</sub> , C <sub>8</sub> -rich, hydrodesulfurized dearomatized;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by the distillation of petroleum light fraction, hydrodesulfurized and dearomatized. It consists predominantly of hydrocarbons having carbon numbers in the range of C <sub>7</sub> through C <sub>9</sub> , predominantly C <sub>8</sub> paraffins and cycloparaffins, boiling in the range of approximately 120 °C to 130 °C (248 °F to 266 °F).] | 309-862-5 | 101316-56-7 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |



| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.      | Klasifikácia                                      | Označovanie                  | Limity koncentrácie | Poznámky |
|----------------|--|-----------|-------------|---|------------------------------|---------------------|----------|
| 649-395-00-7   | Hydrocarbons, C <sub>6-8</sub> , hydrogenated sorption-dearomatized, toluene raffination;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained during the sorptions of toluene from a hydrocarbon fraction from cracked gasoline treated with hydrogen in the presence of a catalyst. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>6</sub> through C <sub>8</sub> and boiling in the range of approximately 80 °C to 135 °C (176 °F to 275 °F).] | 309-870-9 | 101316-66-9 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-396-00-2   | Naphtha (petroleum), hydrodesulfurised full-range coker;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by fractionation from hydrodesulfurised coker distillate. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> to C <sub>11</sub> and boiling in the range of approximately 23 °C to 196 °C (73 °F to 385 °F).]  | 309-879-8 | 101316-76-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-397-00-8   | Naphtha (petroleum), sweetened light;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by subjecting a petroleum naphtha to a sweetening process to convert mercaptans or to remove acidic impurities. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C <sub>5</sub> through C <sub>8</sub> and boiling in the range of approximately 20 °C to 130 °C (68 °F to 266 °F).]   | 309-976-5 | 101795-01-1 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-398-00-3   | Hydrocarbons, C <sub>3-6</sub> , C <sub>5</sub> -rich, steam-cracked naphtha;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by distillation of steam-cracked naphtha. It consists predominantly of hydrocarbons having carbon numbers in the range of C <sub>3</sub> through C <sub>6</sub> , predominantly C <sub>5</sub> .]   | 310-012-0 | 102110-14-5 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.      | Klasifikácia                                      | Označovanie                  | Limity koncentrácie | Poznámky |
|----------------|--|-----------|-------------|---|------------------------------|---------------------|----------|
| 649-399-00-9   | Hydrocarbons, C <sub>5</sub> -rich, dicyclopentadiene-contg.;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by distillation of the products from a steam-cracking process. It consists predominantly of hydrocarbons having carbon numbers of C <sub>5</sub> and dicyclopentadiene and boiling in the range of approximately 30 °C to 170 °C (86 °F to 338 °F).]  | 310-013-6 | 102110-15-6 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-400-00-2   | Residues (petroleum), steam-cracked light, arom.;<br>Low boiling point naphtha - unspecified;<br>[A complex combination of hydrocarbons obtained by the distillation of the products of steam cracking or similar processes after taking off the very light products resulting in a residue starting with hydrocarbons having carbon numbers greater than C <sub>5</sub> . It consists predominantly of aromatic hydrocarbons having carbon numbers greater than C <sub>5</sub> and boiling above approximately 40 °C (104 °F).] | 310-057-6 | 102110-55-4 | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-401-00-8   | Hydrocarbons, C <sub>25</sub> , C <sub>5-6</sub> -rich;<br>Low boiling point naphtha - unspecified   | 270-690-8 | 68476-50-6  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-402-00-3   | Hydrocarbons, C <sub>5</sub> -rich;<br>Low boiling point naphtha - unspecified   | 270-695-5 | 68476-55-1  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 649-403-00-9   | Aromatic hydrocarbons, C <sub>8-10</sub> ;<br>Low boiling point naphtha - unspecified  | 292-695-4 | 90989-39-2  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R65 | T<br>R: 45-46-65<br>S: 53-45 |                     | H P      |
| 650-016-00-2   | Mineral wool, with the exception of those specified elsewhere in this Annex;<br>[Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content greater than 18 % by weight]  | —         | —           | Carc. Cat. 3; R40                                 | Xn<br>R: 40<br>S: (2-)36/37  |                     | AQR      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č. | CAS č. | Klasifikácia      | Označovanie            | Limity koncentrácie | Poznámky |
|----------------|--|-------|--------|-------------------|------------------------|---------------------|----------|
| 650-017-00-8   | Refractory Ceramic Fibres, Special Purpose Fibres, with the exception of those specified elsewhere in this Annex;<br>[Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na <sub>2</sub> O+K <sub>2</sub> O+CaO+MgO+BaO) content less or equal to 18 % by weight] | —     | —      | Carc. Cat. 2; R49 | T<br>R: 49<br>S: 53-45 |                     | AR       |

## PRÍLOHA V

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.   | CAS č.  | Klasifikácia  | Označovanie   | Limity koncentrácie                | Poznámky |
|----------------|---|---|---|---|---|------------------------------------|----------|
| 003-003-00-5   | (2-methylpropyl)lithium;<br>isobutylolithium  | 440-620-2                                       | 920-36-5  | F; R15-17<br>R14<br>C; R35<br>R67<br>N; R50-53        | F; C; N<br>R: 14/15-17-35-67-<br>50/53<br>S: (1/2-)6-16-26-30-33-<br>36/37/39-43-45-60-61 |                                    |          |
| 005-007-00-2   | boric acid; [1]<br>boric acid, crude natural, containing not<br>more than 85 per cent of H <sub>3</sub> BO <sub>3</sub> , calculated<br>on the dry weight [2] | 233-139-2 [1]<br>234-343-4 [2]                  | 10043-35-3 [1]<br>11113-50-1 [2]                  | Repr. Cat. 2; R60-61                                  | T<br>R: 60-61<br>S: 53-45   | Repr. Cat. 2; R60-61:<br>C ≥ 5,5 % |          |
| 005-008-00-8   | diboron trioxide;<br>boric oxide  | 215-125-8                                       | 1303-86-2   | Repr. Cat. 2; R60-61                                  | T<br>R: 60-61<br>S: 53-45   | Repr. Cat. 2; R60-61:<br>C ≥ 3,1 % |          |
| 005-011-00-4   | disodium tetraborate, anhydrous;<br>boric acid, disodium salt; [1]<br>tetraboron disodium heptaoxide, hydrate;<br>[2]<br>orthoboric acid, sodium salt [3]     | 215-540-4 [1]<br>235-541-3 [2]<br>237-560-2 [3] | 1330-43-4 [1]<br>12267-73-1 [2]<br>13840-56-7 [3] | Repr. Cat. 2; R60-61                                  | T<br>R: 60-61<br>S: 53-45   | Repr. Cat. 2; R60-61:<br>C ≥ 4,5 % |          |
| 005-011-01-1   | disodium tetraborate decahydrate;<br>borax decahydrate  | 215-540-4                                       | 1303-96-4   | Repr. Cat. 2; R60-61                                  | T<br>R: 60-61<br>S: 53-45   | Repr. Cat. 2; R60-61:<br>C ≥ 8,5 % |          |
| 005-011-02-9   | disodium tetraborate pentahydrate;<br>borax pentahydrate  | 215-540-4                                       | 12179-04-3  | Repr. Cat. 2; R60-61                                  | T<br>R: 60-61<br>S: 53-45   | Repr. Cat. 2; R60-61:<br>C ≥ 6,5 % |          |
| 005-013-00-5   | diethylmethoxyborane  | 425-380-9                                       | 7397-46-8   | F; R17<br>Xn; R20/21/22-48/22<br>C; R34<br>R43<br>R53 | F; C<br>R: 17-20/21/22-34-43-<br>48/22-53<br>S: (1/2-)6-26-36/37/39-<br>43-45-61          |                                    |          |
| 005-014-00-0   | 4-formylphenylboronic acid  | 438-670-5                                       | 87199-17-5  | R43   | Xi<br>R: 43<br>S: (2-)24-37   |                                    |          |
| 005-015-00-6   | 1-chloromethyl-4-fluoro-1,4-<br>diazoniabicyclo[2.2.2]octane bis(tetrafluoro-<br>borate)  | 414-380-4                                       | 140681-55-6                                       | Xn; R22<br>Xi; R41<br>R43<br>R52-53                   | Xn<br>R: 22-41-43-52/53<br>S: (2-)21-26-36/37/39-<br>61                                   |                                    |          |

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|----------------|--|---|--|--|---|--|----------|
| 005-016-00-1   | tetrabutylammonium butyl tris-(4- <i>tert</i> -butylphenyl)borate  | 431-370-5   | —  | R53  | R: 53<br>S: 61  |  |          |
| 005-017-00-7   | sodium perborate; [1]<br>perboric acid, sodium salt; [2]<br>perboric acid, sodium salt, monohydrate; [3]<br>sodium peroxometaborate; [4]<br>perboric acid (HBO(O <sub>2</sub> )), sodium salt, monohydrate; [5]<br>sodium peroxoborate;<br>[containing < 0,1 % (w/w) of particles with an aerodynamic diameter of below 50 µm]                         | 239-172-9 [1]<br>234-390-0 [2]<br>234-390-0 [3]<br>231-556-4 [4]<br>231-556-4 [5] | 15120-21-5 [1]<br>11138-47-9 [2]<br>12040-72-1 [3]<br>7632-04-4 [4]<br>10332-33-9 [5]      | O; R8<br>Repr. Cat. 2; R61<br>Repr. Cat. 3; R62<br>Xn; R22<br>Xi; R37-41           | O; T<br>R: 61-8-22-37-41-62<br>S: 53-45               | Repr. Cat. 2; R61:<br>C ≥ 6,5 %<br>Repr. Cat. 3; R62:<br>C ≥ 9 %<br>Xi; R41: C ≥ 22 %<br>Xi; R36: 14 % ≤<br>C < 22 % | E        |
| 005-017-01-4   | sodium perborate; [1]<br>perboric acid, sodium salt; [2]<br>perboric acid, sodium salt, monohydrate; [3]<br>sodium peroxometaborate; [4]<br>perboric acid (HBO(O <sub>2</sub> )), sodium salt, monohydrate; [5]<br>sodium peroxoborate;<br>[containing ≥ 0,1 % (w/w) of particles with an aerodynamic diameter of below 50 µm]                         | 239-172-9 [1]<br>234-390-0 [2]<br>234-390-0 [3]<br>231-556-4 [4]<br>231-556-4 [5] | 15120-21-5 [1]<br>11138-47-9 [2]<br>12040-72-1 [3]<br>7632-04-4 [4]<br>10332-33-9 [5]<br>- | O; R8<br>Repr. Cat. 2; R61<br>Repr. Cat. 3; R62<br>T; R23<br>Xn; R22<br>Xi; R37-41 | O; T<br>R: 61-8-22-23-37-41-62<br>S: 53-45            | Repr. Cat. 2; R61:<br>C ≥ 6,5 %<br>Repr. Cat. 3; R62:<br>C ≥ 9 %<br>Xi; R41: C ≥ 22 %<br>Xi; R36: 14 % ≤<br>C < 22 % | E        |
| 005-018-00-2   | perboric acid (H <sub>3</sub> BO <sub>2</sub> (O <sub>2</sub> )), monosodium salt trihydrate; [1]<br>perboric acid, sodium salt, tetrahydrate; [2]<br>perboric acid (HBO(O <sub>2</sub> )), sodium salt, tetrahydrate; [3]<br>sodium peroxoborate hexahydrate;<br>[containing < 0,1 % (w/w) of particles with an aerodynamic diameter of below 50 µm]  | 239-172-9 [1]<br>234-390-0 [2]<br>231-556-4 [3]                                   | 13517-20-9 [1]<br>37244-98-7 [2]<br>10486-00-7 [3]<br>-                                    | Repr. Cat. 2; R61<br>Repr. Cat. 3; R62<br>Xi; R37-41                               | T<br>R: 61-37-41-62<br>S: 53-45-47                    | Repr. Cat. 2; R61:<br>C ≥ 10 %<br>Repr. Cat. 3; R62:<br>C ≥ 14 %<br>Xi; R41: C ≥ 36 %<br>Xi; R36: 22 % ≤<br>C < 36 % |          |
| 005-018-01-X   | perboric acid (H <sub>3</sub> BO <sub>2</sub> (O <sub>2</sub> )), monosodium salt, trihydrate; [1]<br>perboric acid, sodium salt, tetrahydrate; [2]<br>perboric acid (HBO(O <sub>2</sub> )), sodium salt, tetrahydrate; [3]<br>sodium peroxoborate hexahydrate;<br>[containing ≥ 0,1 % (w/w) of particles with an aerodynamic diameter of below 50 µm] | 239-172-9 [1]<br>234-390-0 [2]<br>231556-4 [3]                                    | 13517-20-9 [1]<br>37244-98-7 [2]<br>10486-00-7 [3]<br>-                                    | Repr. Cat. 2; R61<br>Repr. Cat. 3; R62<br>Xn; R20<br>Xi; R37-41                    | T<br>R: 61-20-37-41-62<br>S: 53-45-47                 | Repr. Cat. 2; R61:<br>C ≥ 10 %<br>Repr. Cat. 3; R62:<br>C ≥ 14 %<br>Xi; R41: C ≥ 36 %<br>Xi; R36: 22 % ≤<br>C < 36 % | E        |
| 006-091-00-3   | propineb (ISO);<br>polymeric zinc propylenebis(dithiocarbamate)  | —   | 9016-72-2  | Xn; R20-48/20/22<br>R43<br>N; R50  | Xn; N<br>R: 20-43-48/20/22-50<br>S: (1/2-)24-37-46-61 |  |          |

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|----------------|--|-----------|-------------|--|--|---------------------|----------|
| 006-092-00-9   | <i>tert</i> -butyl<br>(1 <i>S</i> )- <i>N</i> -[1-((2 <i>S</i> )-2-oxiranyl)-2-phenylethyl]<br>carbamate   | 425-420-5 | 98737-29-2  | N; R50-53  | N<br>R: 50/53<br>S: 60-61                                  |                     |          |
| 006-093-00-4   | 2,2'-dithio di(ethylammonium)-<br>bis(dibenzylidithiocarbamate)  | 427-180-7 | —           | Xn; R22<br>R43<br>N; R50-53  | Xn; N<br>R: 22-43-50/53<br>S: (2-)15-22-29-36/37-<br>60-61 |                     |          |
| 006-094-00-X   | <i>O</i> -isobutyl- <i>N</i> -ethoxy carbonylthiocarba-<br>mate  | 434-350-4 | 103122-66-3 | R10<br>Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R22-48/22<br>R43<br>N; R51-53 | T; N<br>R: 45-46-10-22-43-<br>48/22-51/53<br>S: 53-45-61   |                     | E        |
| 006-095-00-5   | fosetyl-aluminium (ISO);<br>aluminium triethyl triphosphonate  | 254-320-2 | 39148-24-8  | Xi; R41  | Xi<br>R: 41<br>S: (2-)26-39-46                             |                     |          |
| 006-096-00-0   | chlorpropham (ISO);<br>isopropyl 3-chlorocarbanilate   | 202-925-7 | 101-21-3    | Carc. Cat. 3; R40<br>Xn; R48/22<br>N; R51-53                                       | Xn; N<br>R: 40-48/22-51/53<br>S: (2-)36/37-61              |                     |          |
| 006-097-00-6   | 1-phenyl-3-( <i>p</i> -toluenesulfonyl)urea  | 424-620-1 | 13909-63-2  | Xn; R22-48/22<br>R52-53  | Xn<br>R: 22-48/22-52/53<br>S: (2-)22-36-61                 |                     |          |
| 006-098-00-1   | <i>tert</i> -butyl (1 <i>R</i> ,5 <i>S</i> )-3-azabicyclo[3.1.0]<br>hex-6-ylcarbamate  | 429-170-8 | 134575-17-0 | Xn; R22-48/22<br>Xi; R41<br>R43  | Xn<br>R: 22-41-43-48/22<br>S: (2-)22-26-36/37/39           |                     |          |
| 006-099-00-7   | <i>N</i> -( <i>p</i> -toluenesulfonyl)- <i>N'</i> -(3-( <i>p</i> -<br>toluenesulfonyloxy)phenyl)urea;<br>3-(((4-methylphenyl)sulfonyl]<br>carbamoyl)amino)phenyl<br>4-methylbenzenesulfonate   | 432-520-2 | 232938-43-1 | N; R51-53  | N<br>R: 51/53<br>S: 22-61                                  |                     |          |
| 006-101-00-6   | reaction mass of: <i>N,N'</i> -(methylenedi-4,1-<br>phenylene)bis[ <i>N'</i> -phenylurea];<br><i>N</i> -(4-[[4-[[[(phenylamino)carbonyl]amino]<br>phenylmethyl]phenyl]- <i>N'</i> -cyclohexylurea];<br><i>N,N'</i> -(methylenedi-4,1-phenylene)bis<br>[ <i>N'</i> -cyclohexylurea] | 423-070-8 | —           | R53  | R: 53<br>S: 61   |                     |          |

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|----------------|---|-----------|-------------|--|---|--|----------|
| 006-102-00-1   | O-hexyl-N-ethoxycarbonylthiocarbamate   | 432-750-3 | —           | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R22-48/22<br>R43<br>N; R51-53          | T; N<br>R: 45-46-22-43-48/22-51/53<br>S: 53-45-61                     |  | E        |
| 006-103-00-7   | N,N''-(methylenedi-4,1-phenylene)bis [N'-octyl]urea   | 445-760-8 | —           | Xi; R41<br>R42<br>N; R50-53  | Xn; N<br>R: 41-42-50/53<br>S: (2-)22-26-39-45-60-61                   | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 % |          |
| 007-028-00-2   | hydroxylammonium nitrate  | 236-691-2 | 13465-08-2  | E; R2<br>Carc. Cat. 3; R40<br>T; R24<br>Xn; R22-48/22<br>Xi; R36/38<br>R43<br>N; R50 | E; T; N<br>R: 2-22-24-36/38-40-43-48/22-50<br>S: (1/2-)26-36/37-45-61 |  |          |
| 007-029-00-8   | diethyldimethylammonium hydroxide   | 419-400-5 | 95500-19-9  | Xn; R21/22<br>C; R35   | C<br>R: 21/22-35<br>S: (1/2-)26-36/37/39-45                           |  |          |
| 012-004-00-X   | aluminium-magnesium-carbonate-hydroxide-perchlorate-hydrate   | 422-150-1 | —           | N; R50-53  | N<br>R: 50/53<br>S: 60-61   |  |          |
| 013-010-00-5   | hydroxy aluminium bis(2,4,8,10-tetra-tert-butyl-6-hydroxy-12H-dibenzo[d,g][1.3.2]dioxaphosphocin-6-oxide) | 430-650-4 | 151841-65-5 | N; R51-53  | N<br>R: 51/53<br>S: 61  |  |          |
| 014-033-00-3   | 2-methyl-3-(trimethoxysilyl)propyl-2-propenoate hydrolysis product with silica                            | 419-030-4 | 125804-20-8 | F; R11<br>Xi; R36<br>R67   | F; Xi<br>R: 11-36-67<br>S: (2-)16-26                                  |  |          |
| 014-034-00-9   | 3-hexylheptamethyltrisiloxane   | 428-700-5 | 1873-90-1   | Xn; R20<br>R53   | Xn<br>R: 20-53<br>S: (2-)61   |  |          |
| 014-035-00-4   | 2-(3,4-epoxycyclohexyl)ethyltriethoxy silane  | 425-050-4 | 10217-34-2  | R43<br>R52-53  | Xi<br>R: 43-52/53<br>S: (2-)24-37-61                                  |  |          |

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|----------------|--|-----------|-------------|-----------------------------------|---|---|----------|
| 014-036-00-X   | (4-ethoxyphenyl)(3-(4-fluoro-3-phenoxyphenyl)propyl)dimethylsilane   | 405-020-7 | 105024-66-6 | Repr. Cat.2; R60<br>N; R50-53     | T; N<br>R: 60-50/53<br>S: 53-45-60-61                 | N; R50-53: C ≥ 0,025 %<br>N; R51-53: 0,0025 % ≤ C < 0,025 %<br>R52-53: 0,00025 % ≤ C < 0,0025 % |          |
| 014-037-00-5   | 2-butanone-O,O',O"-<br>(phenylsilylidine)trioxime  | 433-360-6 | 34036-80-1  | Xn; R48/22<br>R43<br>R52-53       | Xn<br>R: 43-48/22-52/53<br>S: (2-)36/37-61            |   |          |
| 014-038-00-0   | S-(3-(triethoxysilyl)propyl)octanethioate  | 436-690-9 | 220727-26-4 | R43                               | Xi<br>R: 43<br>S: (2-)24-37                           |   |          |
| 014-039-00-6   | (2,3-dimethylbut-2-yl)-trimethoxysilane  | 439-360-2 | 142877-45-0 | Xi; R38-41<br>R52-53              | Xi<br>R: 38-41-52/53<br>S: (2-)26-37/39-61            |   |          |
| 014-041-00-7   | N,N-<br>bis(trimethylsilyl)aminopropylmethyldie-<br>thoxysilane  | 445-890-5 | 201290-01-9 | Xn; R22<br>R43                    | Xn<br>R: 22-43<br>S: (2-)24-37                        |   |          |
| 014-042-00-2   | reaction mass of: O,O',O",O'''-silanetetrayl<br>tetrakis(4-methyl-2-pentanone oxime)<br>(3 stereoisomers)  | 423-010-0 | —           | Xi; R41                           | Xi<br>R: 41<br>S: (2-)26-39                           |   |          |
| 014-043-00-8   | reaction product of amorphous silica (50-<br>85 %), butyl (1-methylpropyl) magnesium<br>(3-15 %), tetraethyl orthosilicate (5-15 %)<br>and titanium tetrachloride (5-20 %) | 432-200-2 | —           | F; R11<br>Xi; R37/38-41<br>R52-53 | F; Xi<br>R: 11-37/38-41-52/53<br>S: (2-)6-26-36/39-61 |   |          |
| 014-044-00-3   | 3-[(4'-acetoxy-3'-methoxyphenyl) propyl]<br>trimethoxysilane   | 433-050-0 | —           | N; R51-53                         | N<br>R: 51/53<br>S: 61                                |   |          |
| 014-045-00-9   | magnesium sodium fluoride silicate   | 442-650-1 | —           | Xn; R48/20                        | Xn<br>R: 48/20<br>S: (2-)22-36                        |   |          |
| 015-113-00-0   | tolclofos-methyl (ISO);<br>O-(2,6-dichloro-p-tolyl)-O,O-dimethyl<br>thiophosphate  | 260-515-3 | 57018-04-9  | R43<br>N; R50-53                  | Xi; N<br>R: 43-50/53<br>S: (2-)24-37-60-61            |   |          |
| 015-182-00-7   | tetraisopropyl-dichloromethylenebisphosp-<br>honate  | 430-630-5 | 10596-22-2  | Xn; R22<br>Xi; R36<br>R43         | Xn<br>R: 22-36-43<br>S: (2-)24-26-37                  |   |          |



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|----------------|---|-----------|-------------|---|--|---------------------|----------|
| 015-183-00-2   | (1-hydroxydodecylidene)diphosphonic acid  | 425-230-2 | 16610-63-2  | C; R34<br>N; R50-53                         | C; N<br>R: 34-50/53<br>S: (1/2-)26-36/37/39-45-60-61 |                     |          |
| 015-188-00-X   | (1-methylethylidene)di-4,1-phenylenetetraphenyl diphosphate   | 425-220-8 | 5945-33-5   | R53   | R: 53<br>S: 61                                       |                     |          |
| 015-190-00-0   | bis(2,4-dicumylphenyl) neopentyl diphosphate;<br>3,9-bis[2,4-bis(1-methyl-1-phenylethyl)phenoxy]-2,4,8,10-tetraoxa-3,9-diphosphaspiro[5.5]undecane  | 421-920-2 | 154862-43-8 | R53   | R: 53<br>S: 61                                       |                     |          |
| 015-191-00-6   | dodecylidiphenyl phosphate  | 431-760-5 | 27460-02-2  | Xi; R38<br>R52-53                           | Xi<br>R: 38-52/53<br>S: (2-)37-61                    |                     |          |
| 015-192-00-1   | tetrakis(2,6-dimethylphenyl)- <i>m</i> -phenylene biphosphate   | 432-770-2 | 139189-30-3 | R43<br>R53                                  | Xi<br>R: 43-53<br>S: (2-)24-37-61                    |                     |          |
| 015-193-00-7   | triphenyl(phenylmethyl)phosphonium 1,1,2,2,3,3,4,4,4-nonafluoro- <i>N</i> -methyl-1-butanefluorosulfonamide (1:1)   | 442-960-7 | 332350-93-3 | T; R25<br>Xi; R41<br>N; R50-53              | T; N<br>R: 25-41-50/53<br>S: (1/2-)26-39-45-60-61    |                     |          |
| 015-194-00-2   | tetrabutyl-phosphonium nonafluorobutane-1-sulfonate   | 444-440-5 | 220689-12-3 | Xn; R22<br>R52-53                           | Xn<br>R: 22-52/53<br>S: (2-)61                       |                     |          |
| 015-195-00-8   | reaction mass of: potassium <i>o</i> -toluenephosphonate;<br>potassium <i>m</i> -toluenephosphonate;<br>potassium <i>p</i> -toluenephosphonate  | 433-860-4 | —           | Xi; R36<br>R43<br>R52-53                    | Xi<br>R: 36-43-52/53<br>S: (2-)24-26-37-61           |                     |          |
| 015-196-00-3   | reaction mass of: dimethyl (2-(hydroxymethylcarbamoyl)ethyl) phosphonate;<br>diethyl (2-(hydroxymethylcarbamoyl)ethyl) phosphonate;<br>methyl ethyl (2-(hydroxymethylcarbamoyl)ethyl) phosphonate | 435-960-3 | —           | Carc. Cat.2; R45<br>Muta. Cat.2; R46<br>R43 | T<br>R: 45-46-43<br>S: 53-45                         |                     |          |

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|----------------|--|-----------|-------------|--|--|---------------------|----------|
| 015-197-00-9   | bis(2,4,4-trimethylpentyl)dithiophosphonic acid  | 420-160-9 | 107667-02-7 | R10<br>T; R23<br>Xn; R22<br>C; R34<br>N; R51-53  | T; N<br>R: 10-22-23-34-51/53<br>S: (1/2-)9-26-36/37/39-45-61 |                     |          |
| 015-198-00-4   | (4-phenylbutyl)phosphinic acid   | 420-450-5 | 86552-32-1  | Carc. Cat.3; R40<br>Xi; R41                      | Xn<br>R: 40-41<br>S: (2-)23-26-36/37/39                      |                     |          |
| 016-092-00-0   | reaction mass of: 4,7-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol;<br>4,8-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol;<br>5,7-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol | 427-050-1 | —           | Repr. Cat. 3; R62<br>Xi; R38<br>R43<br>N; R50-53 | Xn; N<br>R: 38-43-62-50/53<br>S: (2-)36/37-60-61             |                     |          |
| 016-094-00-1   | sulfur   | 231-722-6 | 7704-34-9   | Xi; R38  | Xi<br>R: 38<br>S: (2-)46                                     |                     |          |
| 016-097-00-8   | 1-amino-2-methyl-2-propanethiol hydrochloride  | 434-480-1 | 32047-53-3  | Xn; R22<br>C; R34<br>R43<br>R52-53               | C<br>R: 22-34-43-52/53<br>S: (1/2-)22-26-36/37/39-45-61      |                     |          |
| 017-009-01-8   | ammonium perchlorate;<br>[containing < 80 % of 0-30 µm particles]  | 232-235-1 | 7790-98-9   | E; R2<br>O; R9                                   | E<br>R: 2-9<br>S: (2-)14-16-36/37                            |                     | T        |
| 017-023-00-7   | [phosphinyldynetr(oxy)] tris[3-aminopropyl-2-hydroxy-N,N-dimethyl-N-(C <sub>6-18</sub> )-alkyl] trichlorides   | 425-520-9 | 197179-61-6 | Xi; R41<br>N; R50-53                             | Xi; N<br>R: 41-50/53<br>S: (2-)26-39-60-61                   |                     |          |
| 022-004-00-1   | potassium titanium oxide (K <sub>2</sub> Ti <sub>6</sub> O <sub>13</sub> )   | 432-240-0 | 12056-51-8  | Carc. Cat.3; R40                                 | Xn<br>R: 40<br>S: (2-)22-36/37                               |                     |          |
| 022-005-00-7   | [N-(1,1-dimethylethyl)-1,1-dimethyl-1-[(1,2,3,4,5-η)-2,3,4,5-tetramethyl-2,4-cyclopentadien-1-yl]silanaminato(2-)-κN][(1,2,3,4-η)-1,3-pentadiene]-titanium   | 419-840-8 | 169104-71-6 | F; R11<br>C; R34<br>R43<br>R53                   | F; C<br>R: 11-34-43-53<br>S: (1/2-)6-9-16-26-36/37/39-45-61  |                     |          |
| 024-021-00-X   | potassium tetrasodium bis[(N,N'-n)-1'-(phenylcarbamoyl)-3,5-disulfonatobenzeneazo-1'-prop-1'-ene-2,2'-diolato]chromate(III)  | 425-830-4 | —           | Xi; R41  | Xi<br>R: 41<br>S: (2-)22-26-39                               |                     |          |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.     | Klasifikácia   | Označovanie                                       | Limity koncentrácie   | Poznámky |
|----------------|--|-----------|------------|--|---|---|----------|
| 026-003-00-7   | iron (II) sulfate  | 231-753-5 | 7720-78-7  | Xn; R22<br>Xi; R36/38  | Xn<br>R: 22-36/38<br>S: (2-)46                    |   |          |
| 026-003-01-4   | iron (II) sulfate (1:1) heptahydrate;<br>sulfuric acid, iron(II) salt (1:1), heptahydrate;<br>ferrous sulfate heptahydrate                   | 231-753-5 | 7782-63-0  | Xn; R22<br>Xi; R36/38  | Xn<br>R: 22-36/38<br>S: (2-)46                    | Xi; R38: C ≥ 25 %   |          |
| 026-004-00-2   | potassium ferrite  | 430-010-4 | 12160-44-0 | C; R34<br>R43  | C<br>R: 34-43<br>S: (1/2-)22-26-36/37/39-40-45    |   |          |
| 027-006-00-6   | cobalt acetate   | 200-755-8 | 71-48-7    | Carc. Cat. 2; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R60<br>R42/43<br>N; R50-53 | T; N<br>R: 49-60-42/43-68-50/53<br>S: 53-45-60-61 | Carc. Cat. 2; R49:<br>C ≥ 0,01 %<br>N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 % | 1        |
| 027-007-00-1   | zinc hexacyanocobaltate(III), tertiary butyl alcohol/polypropylene glycol complex  | 425-240-7 | —          | Xi; R41<br>N; R51-53   | Xi; N<br>R: 41-51/53<br>S: (2-)22-26-39-61        |   |          |
| 027-008-00-7   | complex of cobalt(III)-bis(N-phenyl-4-(5-ethylsulfonyl-2-hydroxyphenylazo)-3-hydroxynaphthylamide), hydrated (n H <sub>2</sub> O, 2 < n < 3) | 427-390-9 | —          | R43  | Xi<br>R: 43<br>S: (2-)24-37                       |   |          |
| 027-009-00-2   | cobalt nitrate   | 233-402-1 | 10141-05-6 | Carc. Cat. 2; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R60<br>R42/43<br>N; R50-53 | T; N<br>R: 49-60-42/43-68-50/53<br>S: 53-45-60-61 | Carc. Cat. 2; R49:<br>C ≥ 0,01 %<br>N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 % | 1        |
| 027-010-00-8   | cobalt carbonate   | 208-169-4 | 513-79-1   | Carc. Cat. 2; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R60<br>R42/43<br>N; R50-53 | T; N<br>R: 49-60-42/43-68-50/53<br>S: 53-45-60-61 | Carc. Cat. 2; R49:<br>C ≥ 0,01 %<br>N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 % | 1        |

| Indexové číslo | Medzinárodná identifikácia chemických látok                                    | ES č.                          | CAS č.                           | Klasifikácia   | Označovanie  | Limity koncentrácie   | Poznámky |
|----------------|--|--------------------------------|----------------------------------|--|--|---|----------|
| 028-002-01-4   | nickel powder;<br>[particle diameter < 1 mm]                                   | 231-111-4                      | 7440-02-0                        | Carc. Cat. 3; R40<br>T; R48/23<br>R43<br>R52-53  | T<br>R: 40-43-48/23-52/53<br>S: (2-)36/37/39-45-61                       |   |          |
| 028-011-00-6   | nickel dichloride  | 231-743-0                      | 7718-54-9                        | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R23/25-48/23<br>Xi; R38<br>R42/43<br>N; R50-53                     | T; N<br>R: 49-61-23/25-38-42/43-48/23-68-50/53<br>S: 53-45-60-61         | T; R48/23: C ≥ 1 %<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>Xi; R38: C ≥ 20 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % | E        |
| 028-012-00-1   | nickel dinitrate; [1]<br>nitric acid, nickel salt [2]                          | 236-068-5 [1]<br>238-076-4 [2] | 13138-45-9 [1]<br>14216-75-2 [2] | O; R8<br>Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>Xn; R20/22<br>Xi; R38-41<br>R42/43<br>N; R50-53 | O; T; N<br>R: 49-61-8-20/22-38-41-42/43-48/23-68-50/53<br>S: 53-45-60-61 | T; R48/23: C ≥ 1 %<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>Xi; R38: C ≥ 20 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % | E        |
| 028-013-00-7   | nickel matte   | 273-749-6                      | 69012-50-6                       | Carc. Cat. 1; R49<br>T; R48/23<br>R43<br>N; R50-53   | T; N<br>R: 49-43-48/23-50/53<br>S: 53-45-60-61                           |   | E H      |
| 028-014-00-2   | slimes and sludges, copper electrolytic refining, decopperised, nickel sulfate | 295-859-3                      | 92129-57-2                       | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>Xn; R20/22<br>Xi; R38<br>R42/43<br>N; R50-53             | T; N<br>R: 49-61-20/22-38-42/43-48/23-68-50/53<br>S: 53-45-60-61         | T R48/23: C ≥ 1 %<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 %                       | E        |

| Indexové číslo | Medzinárodná identifikácia chemických látok                                | ES č.                          | CAS č.                           | Klasifikácia   | Označovanie   | Limity koncentrácie  | Poznámky |
|----------------|--|--------------------------------|----------------------------------|--|---|--|----------|
| 028-015-00-8   | slimes and sludges, copper electrolyte refining, decopperised              | 305-433-1                      | 94551-87-8                       | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 1; R61<br>Repr. Cat. 3; R62<br>T; R48/23<br>R42/43<br>N; R50-53 | T; N<br>R: 49-61-42/43-48/23-62-68-50/53<br>S: 53-45-60-61    |  | E H      |
| 028-016-00-3   | nickel diperchlorate;<br>perchloric acid, nickel(II) salt                  | 237-124-1                      | 13637-71-3                       | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>C; R34<br>R42/43<br>N; R50-53            | T; N<br>R: 49-61-34-42/43-48/23-68-50/53<br>S: 53-45-60-61    | T R48/23: C ≥ 1 %<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>C; R34: C ≥ 5 %:<br>Xi; R36/38: 1 % ≤ C < 5 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % | E H      |
| 028-017-00-9   | nickel dipotassium bis(sulfate); [1]<br>diammonium nickel bis(sulfate) [2] | 237-563-9 [1]<br>239-793-2 [2] | 13842-46-1 [1]<br>15699-18-0 [2] | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>Xn; R20/22<br>R42/43<br>N; R50-53        | T; N<br>R: 49-61-20/22-42/43-48/23-68-50/53<br>S: 53-45-60-61 | T R48/23: C ≥ 1 %:<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 %   | E H      |
| 028-018-00-4   | nickel bis(sulfamidate);<br>nickel sulfamate                               | 237-396-1                      | 13770-89-3                       | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>R42/43<br>N; R50-53                      | T; N<br>R: 49-61-42/43-48/23-68-50/53<br>S: 53-45-60-61       | T R48/23: C ≥ 1 %:<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 %   | E H      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.   | CAS č.  | Klasifikácia  | Označovanie   | Limity koncentrácie  | Poznámky |
|----------------|---|---|---|---|---|--|----------|
| 028-019-00-X   | nickel bis(tetrafluoroborate)   | 238-753-4                                       | 14708-14-6  | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>R42/43<br>N; R50-53               | T; N<br>R: 49-61-42/43-48/23-68-50/53<br>S: 53-45-60-61       | T R48/23: C ≥ 1 %:<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % | E H      |
| 028-021-00-0   | nickel diformate; [1]<br>formic acid, nickel salt; [2]<br>formic acid, copper nickel salt [3] | 222-101-0 [1]<br>239-946-6 [2]<br>268-755-0 [3] | 3349-06-2 [1]<br>15843-02-4 [2]<br>68134-59-8 [3] | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>R42/43<br>N; R50-53               | T; N<br>R: 49-61-42/43-48/23-68-50/53<br>S: 53-45-60-61       | T R48/23: C ≥ 1 %:<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % | E H      |
| 028-022-00-6   | nickel di(acetate); [1]<br>nickel acetate [2]   | 206-761-7 [1]<br>239-086-1 [2]                  | 373-02-4 [1]<br>14998-37-9 [2]                    | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>Xn; R20/22<br>R42/43<br>N; R50-53 | T; N<br>R: 49-61-20/22-42/43-48/23-68-50/53<br>S: 53-45-60-61 | T R48/23: C ≥ 1 %:<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % | E H      |
| 028-024-00-7   | nickel dibenzoate   | 209-046-8                                       | 553-71-9  | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>R42/43<br>N; R50-53               | T; N<br>R: 49-61-42/43-48/23-68-50/53<br>S: 53-45-60-61       | T R48/23: C ≥ 1 %:<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % | E H      |

| Indexové číslo | Medzinárodná identifikácia chemických látok      | ES č.     | CAS č.     | Klasifikácia  | Označovanie   | Limity koncentrácie  | Poznámky |
|----------------|--|-----------|------------|---|---|--|----------|
| 028-025-00-2   | nickel bis(4-cyclohexylbutyrate)                 | 223-463-2 | 3906-55-6  | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>R42/43<br>N; R50-53           | T; N<br>R: 49-61-42/43-48/23-68-50/53<br>S: 53-45-60-61       | T R48/23: C ≥ 1 %;<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % |          |
| 028-026-00-8   | nickel(II) stearate;<br>nickel(II) octadecanoate | 218-744-1 | 2223-95-2  | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>R42/43<br>N; R50-53           | T; N<br>R: 49-61-42/43-48/23-68-50/53<br>S: 53-45-60-61       | T R48/23: C ≥ 1 %;<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % | E U      |
| 028-027-00-3   | nickel dilactate                                 | —         | 16039-61-5 | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>R42/43<br>N; R50-53           | T; N<br>R: 49-61-42/43-48/23-68-50/53<br>S: 53-45-60-61       | T R48/23: C ≥ 1 %;<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % | E H      |
| 028-028-00-9   | nickel(II) octanoate                             | 225-656-7 | 4995-91-9  | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>C; R35<br>R42/43<br>N; R50-53 | T; C; N<br>R: 49-61-35-42/43-48/23-68-50/53<br>S: 53-45-60-61 | T R48/23: C ≥ 1 %;<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % | E H      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.  | CAS č.   | Klasifikácia  | Označovanie   | Limity koncentrácie  | Poznámky |
|----------------|--|--|--|---|---|--|----------|
| 028-029-00-4   | nickel difluoride; [1]<br>nickel dibromide; [2]<br>nickel diiodide; [3]<br>nickel potassium fluoride [4]   | 233-071-3 [1]<br>236-665-0 [2]<br>236-666-6 [3]<br>- [4]   | 10028-18-9 [1]<br>13462-88-9 [2]<br>13462-90-3 [3]<br>11132-10-8 [4]   | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>R42/43<br>N; R50-53 | T; N<br>R: 49-61-42/43-48/23-68-50/53<br>S: 53-45-60-61 | T R48/23: C ≥ 1 %:<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % | E H      |
| 028-030-00-X   | nickel hexafluorosilicate  | 247-430-7  | 26043-11-8   | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>R42/43<br>N; R50-53 | T; N<br>R: 49-61-42/43-48/23-68-50/53<br>S: 53-45-60-61 | T R48/23: C ≥ 1 %:<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % | E H      |
| 028-031-00-5   | nickel selenate  | 239-125-2  | 15060-62-5   | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>R42/43<br>N; R50-53 | T; N<br>R: 49-61-42/43-48/23-68-50/53<br>S: 53-45-60-61 | T R48/23: C ≥ 1 %:<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % | E H      |
| 028-032-00-0   | nickel hydrogen phosphate; [1]<br>nickel bis(dihydrogen phosphate); [2]<br>trinickel bis(orthophosphate); [3]<br>dinickel diphosphate; [4]<br>nickel bis(phosphinate); [5]<br>nickel phosphinate; [6]<br>phosphoric acid, calcium nickel salt; [7]<br>diphosphoric acid, nickel(II) salt [8] | 238-278-2 [1]<br>242-522-3 [2]<br>233-844-5 [3]<br>238-426-6 [4]<br>238-511-8 [5]<br>252-840-4 [6]<br>- [7]<br>- [8] | 14332-34-4 [1]<br>18718-11-1 [2]<br>10381-36-9 [3]<br>14448-18-1 [4]<br>14507-36-9 [5]<br>36026-88-7 [6]<br>17169-61-8 [7]<br>19372-20-4 [8] | Carc. Cat. 1; R49<br>T; R48/23<br>R42/43<br>N; R50-53   | T; N<br>R: 49-42/43-48/23-50/53<br>S: 53-45-60-61       |  | E H      |
| 028-033-00-6   | diammonium nickel hexacyanoferrate   | —  | 74195-78-1   | Carc. Cat. 1; R49<br>T; R48/23<br>R42/43<br>N; R50-53   | T; N<br>R: 49-42/43-48/23-50/53<br>S: 53-45-60-61       |  | E H      |



| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.   | CAS č.   | Klasifikácia   | Označovanie  | Limity koncentrácie | Poznámky |
|----------------|--|---|--|--|--|---------------------|----------|
| 028-034-00-1   | nickel dicyanide   | 209-160-8   | 557-19-7   | Carc. Cat. 1; R49<br>T; R48/23<br>R42/43<br>R32<br>N; R50-53 | T; N<br>R: 49-32-42/43-48/23-50/53<br>S: 53-45-60-61 |                     | E H      |
| 028-035-00-7   | nickel chromate  | 238-766-5   | 14721-18-7   | Carc. Cat. 1; R49<br>T; R48/23<br>R42/43<br>N; R50-53        | T; N<br>R: 49-42/43-48/23-50/53<br>S: 53-45-60-61    |                     | E H      |
| 028-036-00-2   | nickel(II) silicate; [1]<br>dinickel orthosilicate; [2]<br>nickel silicate (3:4); [3]<br>silicic acid, nickel salt; [4]<br>trihydrogen hydroxybis[orthosilicato(4-)]<br>trinickelate(3-) [5] | 244-578-4 [1]<br>237-411-1 [2]<br>250-788-7 [3]<br>253-461-7 [4]<br>235-688-3 [5] | 21784-78-1 [1]<br>13775-54-7 [2]<br>31748-25-1 [3]<br>37321-15-6 [4]<br>12519-85-6 [5] | Carc. Cat. 1; R49<br>T; R48/23<br>R43<br>N; R50-53           | T; N<br>R: 49-43-48/23-50/53<br>S: 53-45-60-61       |                     | E H      |
| 028-037-00-8   | dinickel hexacyanoferrate  | 238-946-3   | 14874-78-3   | Carc. Cat. 1; R49<br>T; R48/23<br>R43<br>N; R50-53           | T; N<br>R: 49-43-48/23-50/53<br>S: 53-45-60-61       |                     | E H      |
| 028-038-00-3   | trinickel bis(arsenate);<br>nickel(II) arsenate  | 236-771-7   | 13477-70-8   | Carc. Cat. 1; R45<br>T; R48/23<br>R43<br>N; R50-53           | T; N<br>R: 45-43-48/23-50/53<br>S: 53-45-60-61       |                     | E H      |
| 028-039-00-9   | nickel oxalate; [1]<br>oxalic acid, nickel salt [2]  | 208-933-7 [1]<br>243-867-2 [2]  | 547-67-1 [1]<br>20543-06-0 [2]   | Carc. Cat. 1; R49<br>T; R48/23<br>R43<br>N; R50-53           | T; N<br>R: 49-43-48/23-50/53<br>S: 53-45-60-61       |                     | E H      |
| 028-040-00-4   | nickel telluride   | 235-260-6   | 12142-88-0   | Carc. Cat. 1; R49<br>T; R48/23<br>R43<br>N; R50-53           | T; N<br>R: 49-43-48/23-50/53<br>S: 53-45-60-61       |                     | E H      |
| 028-041-00-X   | trinickel tetrasulfide   | —   | 12137-12-1   | Carc. Cat. 1; R49<br>T; R48/23<br>R43<br>N; R50-53           | T; N<br>R: 49-43-48/23-50/53<br>S: 53-45-60-61       |                     | E H      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.                                   | CAS č.   | Klasifikácia   | Označovanie  | Limity koncentrácie  | Poznámky |
|----------------|---|---|--|--|--|--|----------|
| 028-042-00-5   | trinickel bis(arsenite)   | —                                       | 74646-29-0   | Carc. Cat. 1; R49<br>T; R48/23<br>R43<br>N; R50-53   | T; N<br>R: 49-43-48/23-50/53<br>S: 53-45-60-61             |  | E H      |
| 028-043-00-0   | cobalt nickel gray periclase;<br>C.I. Pigment Black 25;<br>C.I. 77332; [1]<br>cobalt nickel dioxide; [2]<br>cobalt nickel oxide [3] | 269-051-6 [1]<br>261-346-8 [2]<br>- [3] | 68186-89-0 [1]<br>58591-45-0 [2]<br>12737-30-3 [3] | Carc. Cat. 1; R49<br>T; R48/23<br>R43  | T<br>R: 49-43-48/23<br>S: 53-45                            |  | E H      |
| 028-044-00-6   | nickel tin trioxide;<br>nickel stannate   | 234-824-9                               | 12035-38-0   | Carc. Cat. 1; R49<br>T; R48/23<br>R43  | T<br>R: 49-43-48/23<br>S: 53-45                            |  | E H      |
| 028-045-00-1   | nickel triuranium decaoxide   | 239-876-6                               | 15780-33-3   | Carc. Cat. 1; R49<br>T; R48/23<br>R43  | T<br>R: 49-43-48/23<br>S: 53-45                            |  | E H      |
| 028-046-00-7   | nickel dithiocyanate  | 237-205-1                               | 13689-92-4   | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>R42/43<br>R32<br>N; R50-53 | T; N<br>R: 49-61-32-42/43-48/23-68-50/53<br>S: 53-45-60-61 | T R48/23: C ≥ 1 %:<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % | E H      |
| 028-047-00-2   | nickel dichromate   | 239-646-5                               | 15586-38-6   | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>R42/43<br>N; R50-53        | T; N<br>R: 49-61-42/43-48/23-68-50/53<br>S: 53-45-60-61    | T R48/23: C ≥ 1 %:<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % | E H      |
| 028-048-00-8   | nickel(II) selenite   | 233-263-7                               | 10101-96-9   | Carc. Cat. 1; R49<br>T; R48/23<br>R42/43<br>N; R50-53  | T; N<br>R: 49-42/43-48/23-50/53<br>S: 53-45-60-61          |  | E H      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.   | CAS č.   | Klasifikácia  | Označovanie   | Limity koncentrácie  | Poznámky |
|----------------|--|---|--|---|---|--|----------|
| 028-049-00-3   | nickel selenide  | 215-216-2                                       | 1314-05-2  | Carc. Cat. 1; R49<br>T; R48/23<br>R43<br>N; R50-53  | T; N<br>R: 49-43-48/23-50/53<br>S: 53-45-60-61          |  | E H      |
| 028-050-00-9   | silicic acid, lead nickel salt   | —   | 68130-19-8   | Carc. Cat. 1: R49<br>Repr. Cat. 1: R61<br>Repr. Cat. 3; R62<br>T; R48/23<br>R43<br>N; R50-53    | T; N<br>R: 49-61-43-48/23-62-50/53<br>S: 53-45-60-61    |  | E H      |
| 028-051-00-4   | nickel diarsenide; [1]<br>nickel arsenide [2]  | 235-103-1 [1]<br>248-169-1 [2]                  | 12068-61-0 [1]<br>27016-75-7 [2]                   | Carc. Cat. 1; R49<br>T; R48/23<br>R43<br>N; R50-53  | T; N<br>R: 49-43-48/23-50/53<br>S: 53-45-60-61          |  | E H      |
| 028-052-00-X   | nickel barium titanium primrose priderite;<br>C.I. Pigment Yellow 157;<br>C.I. 77900           | 271-853-6                                       | 68610-24-2   | Carc. Cat. 1: R49<br>T; R48/23<br>R43   | T<br>R: 49-43-48/23<br>S: 53-45                         |  | E H      |
| 028-053-00-5   | nickel dichlorate; [1]<br>nickel dibromate; [2]<br>ethyl hydrogen sulfate, nickel(II) salt [3] | 267-897-0 [1]<br>238-596-1 [2]<br>275-897-7 [3] | 67952-43-6 [1]<br>14550-87-9 [2]<br>71720-48-4 [3] | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>R42/43<br>N; R50-53 | T; N<br>R: 49-61-42/43-48/23-68-50/53<br>S: 53-45-60-61 | T R48/23: C ≥ 1 %;<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % | E H      |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.   | CAS č.  | Klasifikácia  | Označovanie   | Limity koncentrácie  | Poznámky |
|----------------|--|---|---|---|---|--|----------|
| 028-054-00-0   | nickel(II) trifluoroacetate; [1]<br>nickel(II) propionate; [2]<br>nickel bis(benzenesulfonate); [3]<br>nickel(II) hydrogen citrate; [4]<br>citric acid, ammonium nickel salt; [5]<br>citric acid, nickel salt; [6]<br>nickel bis(2-ethylhexanoate); [7]<br>2-ethylhexanoic acid, nickel salt; [8]<br>dimethylhexanoic acid nickel salt; [9]<br>nickel(II) isooctanoate; [10]<br>nickel isooctanoate; [11]<br>nickel bis(isononanoate); [12]<br>nickel(II) neononanoate; [13]<br>nickel(II) isodecanoate; [14]<br>nickel(II) neodecanoate; [15]<br>neodecanoic acid, nickel salt; [16]<br>nickel(II) neoundecanoate; [17]<br>bis(d-gluconato-O <sup>1</sup> ,O <sup>2</sup> )nickel; [18]<br>nickel 3,5-bis(tert-butyl)-4-hydroxybenzoate (1:2); [19]<br>nickel(II) palmitate; [20]<br>(2-ethylhexanoato-O)(isononanoato-O)nickel; [21]<br>(isononanoato-O)(isooctanoato-O)nickel; [22]<br>(isooctanoato-O)(neodecanoato-O)nickel; [23]<br>(2-ethylhexanoato-O)(isodecanoato-O)nickel; [24]<br>(2-ethylhexanoato-O)(neodecanoato-O)nickel; [25]<br>(isodecanoato-O)(isooctanoato-O)nickel; [26]<br>(isodecanoato-O)(isononanoato-O)nickel; [27]<br>(isononanoato-O)(neodecanoato-O)nickel; [28]<br>fatty acids, C <sub>6-19</sub> -branched, nickel salts; [29]<br>fatty acids, C <sub>8-18</sub> and C <sub>18</sub> -unsaturated, nickel salts; [30]<br>2,7-naphthalenedisulfonic acid, nickel(II) salt; [31] | 240-235-8 [1]<br>222-102-6 [2]<br>254-642-3 [3]<br>242-533-3 [4]<br>242-161-1 [5]<br>245-119-0 [6]<br>224-699-9 [7]<br>231-480-1 [8]<br>301-323-2 [9]<br>249-555-2 [10]<br>248-585-3 [11]<br>284-349-6 [12]<br>300-094-6 [13]<br>287-468-1 [14]<br>287-469-7 [15]<br>257-447-1 [16]<br>300-093-0 [17]<br>276-205-6 [18]<br>258-051-1 [19]<br>237-138-8 [20]<br>287-470-2 [21]<br>287-471-8 [22]<br>284-347-5 [23]<br>284-351-7 [24]<br>285-698-7 [25]<br>285-909-2 [26]<br>284-348-0 [27]<br>287-592-6 [28]<br>294-302-1 [29]<br>283-972-0 [30]<br>- [31] | 16083-14-0 [1]<br>3349-08-4 [2]<br>39819-65-3 [3]<br>18721-51-2 [4]<br>18283-82-4 [5]<br>22605-92-1 [6]<br>4454-16-4 [7]<br>7580-31-6 [8]<br>93983-68-7 [9]<br>29317-63-3 [10]<br>27637-46-3 [11]<br>84852-37-9 [12]<br>93920-10-6 [13]<br>85508-43-6 [14]<br>85508-44-7 [15]<br>51818-56-5 [16]<br>93920-09-3 [17]<br>71957-07-8 [18]<br>52625-25-9 [19]<br>13654-40-5 [20]<br>85508-45-8 [21]<br>85508-46-9 [22]<br>84852-35-7 [23]<br>84852-39-1 [24]<br>85135-77-9 [25]<br>85166-19-4 [26]<br>84852-36-8 [27]<br>85551-28-6 [28]<br>91697-41-5 [29]<br>84776-45-4 [30]<br>72319-19-8 [31] | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>R42/43<br>N; R50-53 | T; N<br>R: 49-61-42/43-48/23-68-50/53<br>S: 53-45-60-61 | T R48/23: C ≥ 1 %;<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br>R43: C ≥ 0,01 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % | E H      |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.   | CAS č.   | Klasifikácia  | Označovanie  | Limity koncentrácie | Poznámky |
|----------------|---|---|--|---|--|---------------------|----------|
| 028-055-00-6   | nickel(II) sulfite; [1]<br>nickel tellurium trioxide; [2]<br>nickel tellurium tetraoxide; [3]<br>molybdenum nickel hydroxide oxide phosphate [4]  | 231-827-7 [1]<br>239-967-0 [2]<br>239-974-9 [3]<br>268-585-7 [4]  | 7757-95-1 [1]<br>15851-52-2 [2]<br>15852-21-8 [3]<br>68130-36-9 [4]  | Carc. Cat. 1; R49<br>T; R48/23<br>R42/43<br>N; R50-53         | T; N<br>R: 49-42/43-48/23-50/53<br>S: 53-45-60-61  |                     | E H      |
| 028-056-00-1   | nickel boride (NiB); [1]<br>dinickel boride; [2]<br>trinickel boride; [3]<br>nickel boride; [4]<br>dinickel silicide; [5]<br>nickel disilicide; [6]<br>dinickel phosphide; [7]<br>nickel boron phosphide [8]  | 234-493-0 [1]<br>234-494-6 [2]<br>234-495-1 [3]<br>235-723-2 [4]<br>235-033-1 [5]<br>235-379-3 [6]<br>234-828-0 [7]<br>- [8]  | 12007-00-0 [1]<br>12007-01-1 [2]<br>12007-02-2 [3]<br>12619-90-8 [4]<br>12059-14-2 [5]<br>12201-89-7 [6]<br>12035-64-2 [7]<br>65229-23-4 [8]   | Carc. Cat. 1; R49<br>T; R48/23<br>R43<br>N; R50-53            | T; N<br>R: 49-43-48/23-50/53<br>S: 53-45-60-61     |                     | E H      |
| 028-057-00-7   | dialuminium nickel tetraoxide; [1]<br>nickel titanium trioxide; [2]<br>nickel titanium oxide; [3]<br>nickel divanadium hexaoxide; [4]<br>cobalt dimolybdenum nickel octaoxide; [5]<br>nickel zirkonium trioxide; [6]<br>molybdenum nickel tetraoxide; [7]<br>nickel tungsten tetraoxide; [8]<br>olivine, nickel green; [9]<br>lithium nickel dioxide; [10]<br>molybdenum nickel oxide; [11] | 234-454-8 [1]<br>234-825-4 [2]<br>235-752-0 [3]<br>257-970-5 [4]<br>268-169-5 [5]<br>274-755-1 [6]<br>238-034-5 [7]<br>238-032-4 [8]<br>271-112-7 [9]<br>- [10]<br>- [11] | 12004-35-2 [1]<br>12035-39-1 [2]<br>12653-76-8 [3]<br>52502-12-2 [4]<br>68016-03-5 [5]<br>70692-93-2 [6]<br>14177-55-0 [7]<br>14177-51-6 [8]<br>68515-84-4 [9]<br>12031-65-1 [10]<br>12673-58-4 [11] | Carc. Cat. 1; R49<br>T; R48/23<br>R43                         | T<br>R: 49-43-48/23<br>S: 53-45                    |                     | E H      |
| 028-058-00-2   | cobalt lithium nickel oxide   | 442-750-5   | —  | Carc. Cat. 1; R49<br>T+; R26<br>T; R48/23<br>R43<br>N; R50-53 | T+; N<br>R: 49-26-43-48/23-50/53<br>S: 53-45-60-61 |                     | E        |
| 029-014-00-5   | reaction mass of: 2,2'-[[ <i>cis</i> -1,2-cyclohexanediy]bis(nitrilomethylidene)] bis[phenolate]](2-)N,N',O,O'-copper complex;<br>2,2'-[[ <i>trans</i> -1,2-cyclohexanediy]bis(nitrilomethylidyne)] bis[phenolate]](2-)N,N',O,O'-copper complex   | 419-610-7   | 171866-24-3  | Xn; R48/22<br>N; R51-53                                       | Xn; N<br>R: 48/22-51/53<br>S: (2-)22-36-61         |                     |          |
| 030-009-00-5   | zinc-bis(4-( <i>n</i> -octyloxycarbonylamino)salicylate) dihydrate  | 417-130-2   | —  | Xi; R41<br>N; R51-53  | Xi; N<br>R: 41-51/53<br>S: (2-)26-39-61            |                     |          |

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|----------------|---|-----------|-------------|---|---|--|----------|
| 030-010-00-0   | 2-dodec-1-enylbutanedioic acid, 4-methyl ester zinc salt  | 430-740-3 | —           | N; R51-53   | N<br>R: 51/53<br>S: 61  |  |          |
| 030-012-00-1   | aluminium-magnesium-zinc-carbonate-hydroxide  | 423-570-6 | 169314-88-9 | R52-53  | R: 52/53<br>S: 61   |  |          |
| 030-015-00-8   | tetrazinc(2+)bis(hexacyanocobalt(3+)) diacetate   | 440-060-9 | —           | N; R51-53   | N<br>R: 51/53<br>S: 61  |  |          |
| 040-003-00-4   | reaction product of 3,5-di- <i>tert</i> -butylsalicylic acid and zirconium oxychloride, dehydrated, basic Zr: DTBS = 1,0: 1,0 to 1,0: 1,5   | 430-610-6 | 226996-19-6 | N; R50-53   | N<br>R: 50/53<br>S: 60-61   |  |          |
| 042-005-00-0   | reaction mass of: mono- and di-glycerols of canola oil;<br>canola oil acid amide of branched 1,3-propanediamine, <i>N</i> -[3-(tridecyloxy)-propyl];<br><i>N,N</i> -diorgano dithiocarbamate molybdenum complex | 434-240-6 | —           | R43<br>N; R51-53  | Xi; N<br>R: 43-51/53<br>S: (2-)24-37-61                           |  |          |
| 046-001-00-X   | tetraammine palladium (II) hydrogen carbonate   | 425-270-0 | 134620-00-1 | Xn; R22-48/22<br>Xi; R41<br>R43<br>N; R50-53  | Xn; N<br>R: 22-41-43-48/22-50/53<br>S: (2-)22-26-36/37/39-60-61   |  |          |
| 047-002-00-8   | polyphosphoric acid, copper, sodium, magnesium, calcium, silver and zinc salt   | 416-850-4 | —           | N; R50-53   | N<br>R: 50/53<br>S: 60-61   |  |          |
| 050-021-00-4   | dichlorodioctyl stannane  | 222-583-2 | 3542-36-7   | T; R23-48/25<br>R53   | T<br>R: 23-48/25-53<br>S: (1/2-)38-45-61                          |  |          |
| 050-022-00-X   | dibutyltin dichloride;<br>(DBTC)  | 211-670-0 | 683-18-1    | Mut. Cat. 3; R68<br>Repr. Cat. 2; R60-61<br>T+; R26<br>T; R25-48/25<br>C; R34<br>Xn; R21<br>N; R50-53 | T+; C; N<br>R: 60-61-21-25-26-34-48/25-68-50/53<br>S: 53-45-60-61 | C; R34: C ≥ 10 %<br>Xi; R36/38: 0,01 % ≤ C < 10 %<br>N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 % | E        |

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|----------------|---|-----------|-------------|--|--|---|----------|
| 050-023-00-5   | reaction mass of: bis[(2-ethyl-1-oxohexyl)oxy]dioctyl stannane;<br>bis[[(2-ethyl-1-oxohexyl)oxy]dioctylstannyl]oxide;<br>bis(1-phenyl-1,3-decanedionyl)dioctyl stannane;<br>((2-ethyl-1-oxohexyl)oxy)-(1-phenyl-1,3-decanedionyl)dioctyl stannane | 422-920-5 | —           | Xn; R48/22<br>N; R50-53                                | Xn; N<br>R: 48/22-50/53<br>S: (2-)23-36-60-61                                | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 % |          |
| 050-024-00-0   | reaction mass of: tri- <i>p</i> -tolyltin hydroxide;<br>hexa- <i>p</i> -tolyl-distannoxane  | 432-230-6 | —           | T; R48/25<br>Xn; R22<br>Xi; R38-41<br>R43<br>N; R50-53 | T; N<br>R: 22-38-41-43-48/25-50/53<br>S: (1/2-)22-26-36/37/39-45-60-61       |   |          |
| 064-001-00-8   | gadolinium(III)sulfite trihydrate   | 456-900-2 | 51285-81-5  | N; R51-53  | N<br>R: 51/53<br>S: 61   |   |          |
| 078-010-00-X   | tetraammine platinum (II) hydrogen carbonate  | 426-730-3 | 123439-82-7 | Xn; R22<br>Xi; R41<br>R52-53                           | Xn<br>R: 22-41-52/53<br>S: (2-)22-26-39-61                                   |   |          |
| 078-011-00-5   | hydroxydisulfito platinum(II) acid  | 423-310-1 | 61420-92-6  | Xn; R22-48/20/21/22<br>C; R35<br>R42/43<br>R52-53      | C<br>R: 22-35-42/43-48/20/21/22-52/53<br>S: (1/2-)23-24-26-28-36/37/39-45-61 |   |          |
| 078-012-00-0   | platinum(IV) nitrate/nitric acid solution   | 432-400-1 | —           | C; R35<br>N; R50-53                                    | C; N<br>R: 35-50/53<br>S: (1/2-)26-36/37/39-45-60-61                         |   |          |
| 082-012-00-6   | barium calcium cesium lead samarium strontium bromide chloride fluoride iodide europium doped   | 431-780-4 | 199876-46-5 | Xn; R22-48/22<br>N; R51-53                             | Xn; N<br>R: 22-48/22-51/53<br>S: (2-)22-36-61                                |   |          |
| 601-070-00-0   | reaction mass of: branched icosane;<br>branched docosane;<br>branched tetracosane   | 417-050-8 | 151006-58-5 | Xn; R20<br>R53   | Xn<br>R: 20-53<br>S: (2-)61  |   |          |
| 601-072-00-1   | reaction mass of: 1-(4-isopropylphenyl)-1-phenylethane;<br>1-(3-isopropylphenyl)-1-phenylethane;<br>1-(2-isopropylphenyl)-1-phenylethane  | 430-690-2 | 52783-21-8  | Xi; R38<br>N; R50-53                                   | Xi; N<br>R: 38-50/53<br>S: (2-)37-60-61                                      |   |          |

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|----------------|--|-----------|-------------|--------------------------------------|--|---------------------|----------|
| 601-075-00-8   | 4,4'-bis(N-carbamoyl-4-methylbenzenesulfonamide) diphenylmethane   | 418-770-5 | 151882-81-4 | Carc. Cat. 3; R40                    | Xn<br>R: 40<br>S: (2-)22-36/37                             |                     |          |
| 601-076-00-3   | ethynyl cyclopropane   | 425-430-1 | 6746-94-7   | F; R11<br>R4<br>Xi; R38-41<br>R52-53 | F; Xi<br>R: 4-11-38-41-52/53<br>S: (2-)9-16-26-33-37/39-61 |                     |          |
| 601-077-00-9   | reaction mass of: 1-heptyl-4-ethyl-2,6,7-trioxabicyclo[2.2.2]octane;<br>1-nonyl-4-ethyl-2,6,7-trioxabicyclo[2.2.2]octane   | 426-510-7 | 196965-91-0 | N; R50-53                            | N<br>R: 50/53<br>S: 60-61                                  |                     |          |
| 601-078-00-4   | reaction mass of: 1,7-dimethyl-2-[(3-methylbicyclo[2.2.1]hept-2-yl)methyl]bicyclo[2.2.1]heptane;<br>2,3-dimethyl-2-[(3-methylbicyclo[2.2.1]hept-2-yl)methyl]bicyclo[2.2.1]heptane  | 427-040-5 | —           | C; R34<br>N; R50-53                  | C; N<br>R: 34-50/53<br>S: (1/2-)23-26-36/37/39-45-57-60-61 |                     |          |
| 601-079-00-X   | reaction mass of: <i>trans-trans</i> -cyclohexadeca-1,9-diene;<br><i>cis-trans</i> -cyclohexadeca-1,9-diene  | 429-620-3 | —           | Xi; R38<br>R43<br>R53                | Xi<br>R: 38-43-53<br>S: (2-)24-37-61                       |                     |          |
| 601-080-00-5   | reaction mass of: <i>sec</i> -butylphenyl(phenyl)methane, mixed isomers;<br>1-( <i>sec</i> -butylphenyl(phenyl)-2-phenylethane, mixed isomers;<br>1-( <i>sec</i> -butylphenyl-1-phenylethane, mixed isomers                            | 431-100-6 | —           | N; R50-53                            | N<br>R: 50/53<br>S: 60-61                                  |                     |          |
| 601-081-00-0   | cyclohexadeca-1,9-diene  | 431-730-1 | 4277-06-9   | Xi; R38<br>R43<br>R53                | Xi<br>R: 38-43-53<br>S: (2-)36/37-61                       |                     |          |
| 601-082-00-6   | reaction mass of: endo-2-methyl-exo-3-methyl-exo-2-[(exo-3-methylbicyclo[2.2.1]hept-exo-2-yl)methyl]bicyclo[2.2.1]heptane;<br>exo-2-methyl-exo-3-methyl-endo-2-[(endo-3-methylbicyclo[2.2.1]hept-exo-2-yl)methyl]bicyclo[2.2.1]heptane | 434-420-4 | —           | Xi; R38-41<br>N; R50-53              | Xi; N<br>R: 38-41-50/53<br>S: (2-)23-26-37/39-57-60-61     |                     |          |
| 601-083-00-1   | 5-endo-hexyl-bicyclo[2.2.1]hept-2-ene  | 435-000-3 | 22094-83-3  | Xn; R65<br>Xi; R38<br>R53            | Xn<br>R: 38-65-53<br>S: (2-)37-62-61                       |                     |          |



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|----------------|---|-----------|-------------|---|---|---------------------|----------|
| 601-084-00-7   | reaction mass of: 5-endo-butyl-bicyclo[2.2.1]hept-2-ene;<br>5-exo-butyl-bicyclo[2.2.1]hept-2-ene<br>(80:20)   | 435-180-3 | —           | Xn; R65<br>Xi; R38<br>N; R50-53           | Xn; N<br>R: 38-65-50/53<br>S: (2-)37-62-60-61           |                     |          |
| 602-095-00-X   | alkanes, C <sub>14-17</sub> , chloro;<br>chlorinated paraffins, C <sub>14-17</sub>                            | 287-477-0 | 85535-85-9  | R64<br>R66<br>N; R50-53                   | N<br>R: 64-66-50/53<br>S: (2-)24-60-61                  |                     |          |
| 602-098-00-6   | 2-(3-bromophenoxy)tetrahydro-2H-pyran   | 429-030-6 | 57999-49-2  | R43<br>N; R51-53                          | Xi; N<br>R: 43-51/53<br>S: (2-)24-37-61                 |                     |          |
| 602-099-00-1   | 3-(4-fluorophenyl)-2-methylpropionylchloride  | 426-370-7 | —           | R14<br>R29<br>C; R35<br>Xn; R22<br>R52-53 | C<br>R: 14-22-29-35-52/53<br>S: (1/2-)26-36/37/39-45-61 |                     |          |
| 602-100-00-5   | reaction mass of: (R,R)-1,1,1,2,2,3,4,5,5,5-decafluoropentane;<br>(S,S)-1,1,1,2,2,3,4,5,5,5-decafluoropentane | 420-640-8 | —           | R52-53                                    | R: 52/53<br>S: 61                                       |                     |          |
| 602-101-00-0   | 2-chloro-4-fluoro-5-nitrophenyl (isobutyl) carbonate  | 427-020-6 | 141772-37-4 | Xn; R48/22<br>R43<br>N; R50-53            | Xn; N<br>R: 43-48/22-50/53<br>S: (2-)36/37-60-61        |                     |          |
| 602-102-00-6   | 1,1,1,3,3-pentafluorobutane   | 430-250-1 | 406-58-6    | F; R11                                    | F<br>R: 11<br>S: (2-)3-9-16-41                          |                     |          |
| 602-103-00-1   | 1-(chlorophenylmethyl)-2-methylbenzene  | 431-450-1 | 41870-52-4  | Xi; R38<br>N; R50-53                      | Xi; N<br>R: 38-50/53<br>S: (2-)36/37-60-61              |                     |          |
| 602-104-00-7   | 1,1,2,2,3,3,4-heptafluorocyclopentane   | 430-710-1 | 15290-77-4  | R52-53                                    | R: 52/53<br>S: 61                                       |                     |          |
| 602-105-00-2   | sodium 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanedisulfinate   | 422-100-7 | 102061-82-5 | Xi; R41<br>R43                            | Xi<br>R: 41-43<br>S: (2-)24-26-37/39                    |                     |          |
| 602-106-00-8   | 2-bromo-4,6-difluoroaniline   | 429-430-0 | 444-14-4    | Xn; R22<br>N; R51-53                      | Xn; N<br>R: 22-51/53<br>S: (2-)25-61                    |                     |          |
| 602-107-00-3   | 3,3,4,4-tetrafluoro-4-iodo-1-butene   | 439-500-2 | 33831-83-3  | Xn; R22<br>Xi; R38<br>N; R51-53           | Xn; N<br>R: 22-38-51/53<br>S: (2-)37-61                 |                     |          |

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|----------------|---|-----------|-------------|--|--|---------------------|----------|
| 602-108-00-9   | (2,3,5,6-tetrafluorophenyl)methanol   | 443-840-7 | 4084-38-2   | Xn; R22<br>Xi; R36<br>R43                                | Xn<br>R: 22-36-43<br>S: (2-)26-36/37             |                     |          |
| 603-109-00-7   | reaction mass of: 1-ethoxy-1,1,2,3,3,3-hexafluoro-2-(trifluoromethyl)propane;<br>1-ethoxy-1,1,2,2,3,3,4,4,4-nonafluorobutane  | 425-340-0 | —           | R53  | R: 53<br>S: 21-23-61                             |                     |          |
| 603-110-00-2   | reaction mass of: <i>cis</i> -2-isobutyl-5-methyl 1,3-dioxane;<br><i>trans</i> -2-isobutyl-5-methyl 1,3-dioxane   | 426-130-1 | 166301-21-9 | Xi; R38<br>R52-53  | Xi<br>R: 38-52/53<br>S: (2-)23-37-61             |                     |          |
| 603-111-00-8   | reaction mass of: 1-(1,1-dimethylpropyl)-4-ethoxy- <i>cis</i> -cyclohexane;<br>1-(1,1-dimethylpropyl)-4-ethoxy- <i>trans</i> -cyclohexane   | 426-530-6 | —           | Xi; R38<br>N; R50-53                                     | Xi; N<br>R: 38-50/53<br>S: (2-)24-37-60-61       |                     |          |
| 603-112-00-3   | cyclopentyl 2-phenylethyl ether   | 428-340-9 | —           | Xi; R38<br>N; R50-53                                     | Xi; N<br>R: 38-50/53<br>S: (2-)37-60-61          |                     |          |
| 603-113-00-9   | 6-glycidyloxynaph-1-yl oxymethyloxirane   | 429-960-2 | 27610-48-6  | Muta. Cat. 3; R68<br>Xn; R21<br>Xi; R38<br>R43<br>R52-53 | Xn<br>R: 21-38-43-68-52/53<br>S: (2-)36/37/39-61 |                     |          |
| 603-114-00-4   | 9-(2-propenyloxy)tricyclo[5.2.1.0(2,6)]dec-3(or-4)-ene  | 430-830-2 | 26912-64-1  | Xi; R38<br>N; R51-53                                     | Xi; N<br>R: 38-51/53<br>S: (2-)23-37-61          |                     |          |
| 603-115-00-X   | reaction mass of: O,O',O"-<br>(methylsilanetriyl)tris(4-methyl-2-pentanone oxime) (3 stereoisomers)   | 423-580-0 | —           | Xn; R48/22<br>R53  | Xn<br>R: 48/22-53<br>S: 2-36-61                  |                     |          |
| 603-116-00-5   | (Z)-(2,4-difluorophenyl)piperidin-4-ylmethanone oxime monohydrochloride   | 424-740-2 | 138271-16-6 | Xn; R22<br>Xi; R41<br>R52-53                             | Xn<br>R: 22-41-52/53<br>S: (2-)22-26-39-61       |                     |          |
| 603-182-00-5   | reaction product of: saturated, monounsaturated and multiple unsaturated long-chained partly esterified alcohols of vegetable origin ( <i>Brassica napus</i> L., <i>Brassica rapa</i> L., <i>Helianthus annuus</i> L., <i>Glycine hispida</i> , <i>Gossypium hirsutum</i> L., <i>Cocos nucifera</i> L., <i>Elaeis guineensis</i> ) with O,O-diisobutyldithiophosphate and 2-ethylhexylamine and hydrogen peroxide | 428-630-5 | —           | R43  | Xi<br>R: 43<br>S: (2-)24-37                      |                     |          |

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|----------------|--|--------------------------------|-----------------------------|---|---|---|----------|
| 603-188-00-8   | reaction mass of: 6,7-epoxy-1,2,3,4,5,6,7,8-octahydro-1,1,2,4,4,7-hexamethylnaphthalene;<br>7,8-epoxy-1,2,3,4,6,7,8,8a-octahydro-1,1,2,4,4,7-hexamethylnaphthalene | 426-970-9                      | —                           | N; R50-53   | N<br>R: 50/53<br>S: 60-61                                 |   |          |
| 603-190-00-9   | 8,8-dimethyl-7-isopropyl-6,10-dioxaspiro[4.5]decane  | 424-030-2                      | 62406-73-9                  | Xi; R38<br>R52-53                                       | Xi<br>R: 38-52/53<br>S: (2-)24-37-61                      |   |          |
| 603-192-00-X   | (E,E)-3,7,11-trimethyldodeca-1,4,6,10-tetraen-3-ol   | 423-240-1                      | 125474-34-2                 | Xi; R38-41<br>R43<br>N; R50-53                          | Xi; N<br>R: 38-41-43-50/53<br>S: (2-)23-24-26-37/39-60-61 |   |          |
| 603-193-00-5   | disodium 9,10-anthracenedioxide  | 426-030-8                      | 46492-07-3                  | C; R35  | C<br>R: 35<br>S: (1/2-)26-36/37/39-45                     |   |          |
| 603-194-00-0   | 2-(2-aminoethylamino)ethanol;<br>(AEEA)  | 203-867-5                      | 111-41-1                    | Repr. Cat. 2; R61<br>Repr. Cat. 3; R62<br>C; R34<br>R43 | T<br>R: 61-34-43-62<br>S: 53-45                           | C; R34: C ≥ 10 %<br>Xi; R36/37/38: 5 % ≤ C < 10 % |          |
| 603-200-00-1   | 1-pentanol; [1]<br>3-pentanol [2]  | 200-752-1 [1]<br>209-526-7 [2] | 71-41-0 [1]<br>584-02-1 [2] | R10<br>Xn; R20<br>Xi; R37/38                            | Xn<br>R: 10-20-37/38<br>S: (1/2-)36/37-46                 |   |          |
| 603-201-00-7   | (E)-(7R,11R)-3,7,11,15-tetramethylhexadec-2-ene-1-ol   | 416-120-5                      | —                           | Xi; R38<br>R53  | Xi<br>R: 38-53<br>S: (2-)37-61                            |   |          |
| 603-202-00-2   | 4,4,5,5,5-pentafluoropentan-1-ol   | 421-360-9                      | 148043-73-6                 | Xn; R22<br>R52-53                                       | Xn<br>R: 22-52/53<br>S: (2-)23-61                         |   |          |
| 603-203-00-8   | (1R,3S,7R,8R,10R,13R)-5,5,7,9,9,13-hexamethyl-4,6-dioxatetracyclo[6.5.1.0 <sup>1,10</sup> .0 <sup>3,7</sup> ]tetradecane   | 427-580-1                      | —                           | Xi; R38   | Xi<br>R: 38<br>S: (2-)37                                  |   |          |
| 603-204-00-3   | reaction mass of: 2,2'-(heptane-1,7-diyl)bis-1,3-dioxolane;<br>2,2'-(heptane-1,6-diyl)bis-1,3-dioxolane  | 428-110-8                      | —                           | R52-53  | R: 52/53<br>S: 61   |   |          |

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|----------------|---|-------------------------|---|--|---|--|----------|
| 603-205-00-9   | (1 <i>S</i> - <i>cis</i> )-4-(2-amino-6-chloro-9 <i>H</i> -purin-9-yl)-2-cyclopentene-1-methanol hydrochloride  | 426-200-1               | 172015-79-1                                 | T; R48/25<br>Xn; R22<br>Xi; R41<br>R43<br>R52-53                   | T<br>R: 22-41-43-48/25-52/53<br>S: (1/2-)22-26-36/37/39-45-61 |  |          |
| 603-206-00-4   | 2,2-dichloro-1,3-benzodioxol  | 426-850-6               | 2032-75-9                                   | R10<br>R14<br>C; R35<br>Xn; R22<br>R43                             | C<br>R: 10-14-22-35-43<br>S: (1/2-)7/8-23-26-36/37/39-45      |  |          |
| 603-207-00-X   | 2-isobutyl-2-isopropyl-1,3-dimethoxypropane   | 430-800-9               | 129228-21-3                                 | Xi; R38<br>N; R51-53   | Xi; N<br>R: 38-51/53<br>S: (2-)23-37-61                       |  |          |
| 603-208-00-5   | 1,2-diethoxyethane  | 211-076-1               | 629-14-1                                    | F; R11<br>R19<br>Repr. Cat. 2; R61<br>Repr. Cat. 3; R62<br>Xi; R36 | F; T<br>R: 61-11-19-36-62<br>S: 53-45                         |  |          |
| 603-209-00-0   | spinosad (ISO) (reaction mass of spinosyn A and spinosyn D in ratios between 95:5 to 50:50);<br>reaction mass of 50-95 % of (2 <i>R</i> ,3 <i>aS</i> ,5 <i>aR</i> ,5 <i>bS</i> ,9 <i>S</i> ,1 <i>3S</i> ,14 <i>R</i> ,16 <i>aS</i> ,16 <i>bR</i> )-2-(6-deoxy-2,3,4-tri- <i>O</i> -methyl- $\alpha$ - <i>l</i> -mannopyranosyloxy)-13-(4-dimethylamino-2,3,4,6-tetra-deoxy- $\beta$ - <i>d</i> -erythro-pyranosyloxy)-9-ethyl-2,3,3 <i>a</i> ,5 <i>a</i> ,5 <i>b</i> ,6,7,9,10,11,12,13,14,15,16 <i>a</i> ,16 <i>b</i> -hexadecahydro-14-methyl-1 <i>H</i> -8-oxacyclododeca[ <i>b</i> ]as-indacene-7,15-dione and 50-5 % (2 <i>S</i> ,3 <i>aR</i> ,5 <i>aS</i> ,5 <i>bS</i> ,9 <i>S</i> ,1 <i>3S</i> ,14 <i>R</i> ,16 <i>aS</i> ,16 <i>bS</i> )-2-(6-deoxy-2,3,4-tri- <i>O</i> -methyl- $\alpha$ - <i>l</i> -mannopyranosyloxy)-13-(4-dimethylamino-2,3,4,6-tetra-deoxy- $\beta$ - <i>d</i> -erythro-pyranosyloxy)-9-ethyl-2,3,3 <i>a</i> ,5 <i>a</i> ,5 <i>b</i> ,6,7,9,10,11,12,13,14,15,16 <i>a</i> ,16 <i>b</i> -hexadecahydro-4,14-dimethyl-1 <i>H</i> -8-oxacyclododeca[ <i>b</i> ]as-indacene-7,15-dione;<br>[1]<br>spinosyn A; [2]<br>spinosyn D [3] | - [1]<br>- [2]<br>- [3] | - [1]<br>131929-60-7 [2]<br>131929-63-0 [3] | N; R50-53  | N<br>R: 50/53<br>S: 60-61                                     | N; R50-53: C $\geq$ 2,5 %<br>N; R51-53: 0,25 % $\leq$ C < 2,5 %<br>R52-53: 0,025 % $\leq$ C < 0,25 % |          |

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|----------------|---|-----------|-------------|---|--|---------------------|----------|
| 603-210-00-6   | 2,4-diethyl-1,5-pentanediol   | 429-310-8 | 57987-55-0  | Xi; R41   | Xi<br>R: 41<br>S: (2-)26-39  |                     |          |
| 603-211-00-1   | 2,3-epoxypropyltrimethylammonium chloride ... %;<br>glycidyl trimethylammonium chloride ... %                                       | 221-221-0 | 3033-77-0   | Carc. Cat. 2; R45<br>Muta. Cat. 3; R68<br>Repr. Cat. 3; R62<br>Xn; R21/22-48/22<br>Xi; R41<br>R43<br>R52-53 | T<br>R: 45-21/22-41-43-48/22-62-68-52/53<br>S: 53-45-61              |                     | B E      |
| 603-212-00-7   | 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran;<br>galaxolide;<br>(HHCB)  | 214-946-9 | 1222-05-5   | N; R50-53   | N<br>R: 50/53<br>S: 60-61  |                     |          |
| 603-213-00-2   | 2-methoxy-2-methylbutane;<br>tert-amyl methyl ether   | 213-611-4 | 994-05-8    | F; R11<br>Xn; R22<br>R67  | F; Xn<br>R: 11-22-67<br>S: (2-)9-16-23-33                            |                     |          |
| 603-214-00-8   | 1,1-diisopropoxycyclohexane   | 413-740-8 | 1132-95-2   | C; R34  | C<br>R: 34<br>S: (1/2-)23-26-36/37/39-45                             |                     |          |
| 603-215-00-3   | 1-hydroxy-4-fluoro-1,4-diazoniabicyclo[2.2.2]octane bis(tetrafluoroborate)  | 418-330-2 | 162241-33-0 | E; R2<br>Xn; R22-48/22<br>Xi; R41<br>R43<br>N; R50-53   | E; Xn; N<br>R: 2-22-41-43-48/22-50/53<br>S: (2-)22-26-36/37/39-60-61 |                     |          |
| 603-216-00-9   | cis-1-amino-2,3-dihydro-1H-inden-2-ol   | 422-660-2 | 7480-35-5   | Xi; R41<br>R43<br>R52-53  | Xi<br>R: 41-43-52/53<br>S: (2-)24-26-37/39-61                        |                     |          |
| 603-217-00-4   | 2,4,6-tri-tert-butylphenyl 2-butyl-2-ethyl-1,3-propanediolphosphite   | 423-560-1 | 161717-32-4 | R43<br>R53  | Xi<br>R: 43-53<br>S: (2-)24-37/39-61                                 |                     |          |
| 603-220-00-0   | 1-[benzyl[2-(2-methoxyphenoxy)ethyl]amino]-3-(9H-carbazol-4-yloxy)propan-2-ol   | 432-890-5 | 72955-94-3  | R53   | R: 53<br>S: 61   |                     |          |
| 603-221-00-6   | 1-(2-amino-5-chlorophenyl)-2,2,2-trifluoro-1,1-ethanediol, hydrochloride;<br>[containing < 0,1 % 4-chloroaniline (EC No 203-401-0)] | 433-580-2 | 214353-17-0 | Xn; R22<br>C; R34<br>N; R51-53  | C; N<br>R: 22-34-51/53<br>S: (1/2-)26-36/37/39-45-61                 |                     |          |

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|----------------|---|-----------|-------------|---|--|---------------------|----------|
| 603-221-01-3   | 1-(2-amino-5-chlorophenyl)-2,2,2-trifluoro-1,1-ethanediol, hydrochloride;<br>[containing ≥ 0,1 % 4-chloroaniline (EC No 203-401-0)]   | 433-580-2 | 214353-17-0 | Carc. Cat. 2; R45<br>Xn; R22<br>C; R34<br>N; R51-53 | T; N<br>R: 45-22-34-51/53<br>S: 53-45-61               |                     | E        |
| 603-222-00-1   | (2R,3S,4R,5R,7R,9R,10R,11S,12S,13R)-10-[[4-dimethylamino-3-hydroxy-6-methyltetrahydropyran-2-yl]oxy]-2-ethyl-3,4,12-trihydroxy-9-methoxy-3,5,7,9,11,13-hexamethyl-6,14-dioxo-1-oxacyclotetradecane  | 433-820-6 | 118058-74-5 | Xi; R36   | Xi<br>R: 36<br>S: (2-)26                               |                     |          |
| 603-223-00-7   | 2-cyclopentylidene cyclopentanol;<br>1,1'-bi(cyclopentyliden)-2-ol  | 434-270-1 | 6261-30-9   | Xi; R38-41<br>R52-53                                | Xi<br>R: 38-41-52/53<br>S: (2-)26-37/39-61             |                     |          |
| 603-224-00-2   | 3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl)-hexane  | 435-790-1 | 297730-93-9 | R53   | R: 53<br>S: 61   |                     |          |
| 603-225-00-8   | erythromycin A9-oxime (E);<br>(3R,4S,5S,6R,7R,9R,11R,12R,13S,14R)-4-((2,6-didesoxy-3-C-methyl-3-O-methyl-α-L-ribo-hexopiranosyl)oxy)-14-ethyl-7,12,13-trihydroxy-3,5,7,9,11,13-hexamethyl-6-((3,4,6-tridesoxy-3-dimethylamino-β-d-xylohexapiranosyl)oxy)oxacyclotetradecan-2-ona-10-oxime (E)                                       | 437-070-0 | 13127-18-9  | N; R51-53   | N<br>R: 51/53<br>S: 61                                 |                     |          |
| 603-226-00-3   | 4,4'-(4-(4-methoxyphenyl)-1,3,5-triazin-2,4-diy)bisbenzene-1,3-diol   | 444-500-0 | 1440-00-2   | R52-53  | R: 52/53<br>S: 61                                      |                     |          |
| 603-227-00-9   | α-hydro-ω-[[[(1,1-dimethylethyl)dioxy]carbonyl]oxy]-poly[oxy(methyl-1,2-ethanediyl)] ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1);<br>reaction product of: α-hydro-ω-((chlorocarbonyl)oxy)-poly(oxy(methyl-1,2-ethanediyl)) ether with 2,2-bis(hydroxymethyl)-1,3-propanediol with potassium 1,1-dimethylethylperoxalate | 445-060-2 | 203574-04-3 | O; R7<br>N; R50-53                                  | O; N<br>R: 7-50/53<br>S: (2-)3/7-14-36/37/39-60-61     |                     |          |
| 603-228-00-4   | (+/-)-(R*,R*)-6-fluoro-3,4-dihydro-2-oxiranyl-2H-1-benzopyran;<br>6-fluoro-2-(2-oxiranyl)chromane   | 419-620-1 | —           | R43<br>N; R51-53                                    | Xi; N<br>R: 43-51/53<br>S: (2-)36/37-61                |                     |          |
| 603-229-00-X   | sodium (Z)-3-chloro-3-(4-chlorophenyl)-1-hydroxy-2-propene-1-sulfonate  | 420-800-7 | —           | Xi; R38-41<br>R43<br>N; R50-53                      | Xi; N<br>R: 38-41-43-50/53<br>S: (2-)24-26-37/39-60-61 |                     |          |

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|----------------|---|-----------|-------------|--|---|---------------------|----------|
| 603-230-00-5   | 2,6,6,7,8,8-hexamethyldecahydro-2H-indeno[4,5-b]furan   | 440-030-5 | —           | Xi; R38-41<br>R53  | Xi<br>R: 38-41-53<br>S: (2-)26-37/39-61     |                     |          |
| 603-231-00-0   | (S)-1,1-diphenyl-1,2-propanediol  | 443-220-6 | —           | R52-53   | R: 52/53<br>S: 22-61                        |                     |          |
| 603-232-00-6   | 3,3,8,8,10,10-hexamethyl-9-[1-(4-oxiranylmethoxy-phenyl)-ethoxy]-1,5-dioxa-9-aza-spiro[5.5]undecane   | 444-420-6 | —           | R53  | R: 53<br>S: 61                              |                     |          |
| 603-233-00-1   | reaction mass of: 4-(1,3a,4,6,7,7a-hexahydro-4,7-methanoinden-5-ylidene)-3-methylbutan-2-ol;<br>4-(3,3a,4,6,7,7a-hexahydro-4,7-methanoinden-5-ylidene)-3-methylbutan-2-ol;<br>1-(1,3a,4,6,7,7a-hexahydro-4,7-methanoinden-5-ylidene)pentan-3-ol;<br>1-(3,3a,4,6,7,7a-hexahydro-4,7-methanoinden-5-ylidene)pentan-3-ol;<br>(E)-4-(3a,4,5,6,7,7a-hexahydro-1H-4,7-methanoinden-5-yl)-3-methylbut-3-en-2-ol;<br>(E)-4-(3a,4,5,6,7,7a-hexahydro-3H-4,7-methanoinden-5-yl)-3-methylbut-3-en-2-ol | 444-430-0 | —           | N; R51-53  | N<br>R: 51/53<br>S: 61                      |                     |          |
| 603-234-00-7   | (1R,4R)-4-methoxy-2,2,7,7-tetramethyltricyclo(6.2.1.0(1,6))undec-5-ene  | 444-480-3 | —           | Xi; R38<br>N; R51-53                                       | Xi; N<br>R: 38-51/53<br>S: (2-)37-61        |                     |          |
| 604-071-00-4   | 4,4'-(1-{4-[1-(4-hydroxyphenyl)-1-methylethyl]phenyl}ethylenediphenol   | 425-600-3 | 110726-28-8 | R53  | R: 53<br>S: 61                              |                     |          |
| 604-072-00-X   | 1,2-bis(phenoxyethyl)benzene  | 428-620-0 | 10403-74-4  | N; R50-53  | N<br>R: 50/53<br>S: 22-60-61                |                     |          |
| 604-073-00-5   | (E)-3-[1-[4-[2-(dimethylamino)ethoxy]phenyl]-2-phenylbut-1-enyl]phenol  | 428-010-4 | 82413-20-5  | Carc. Cat. 3; R40<br>Repr. Cat. 2; R60<br>R43<br>N; R50-53 | T; N<br>R: 60-40-43-50/53<br>S: 53-45-60-61 |                     |          |
| 604-074-00-0   | tetrabromobisphenol-A;<br>2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol  | 201-236-9 | 79-94-7     | N; R50-53  | N<br>R: 50/53<br>S: 60-61                   |                     |          |

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|----------------|---|-----------|-------------|---|--|---|----------|
| 604-075-00-6   | 4-(1,1,3,3-tetramethylbutyl)phenol;<br>4-tert-octylphenol   | 205-426-2 | 140-66-9    | Xi; R38-41<br>N; R50-53   | Xi; N<br>R: 38-41-50/53<br>S: (2-)26-37/39-60-61           | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤<br>C < 2,5 %<br>R52-53: 0,025 % ≤<br>C < 0,25 % |          |
| 604-076-00-1   | phenolphthalein   | 201-004-7 | 77-09-8     | Carc. Cat. 2; R45<br>Muta. Cat. 3; R68<br>Repr. Cat. 3; R62                   | T<br>R: 45-62-68<br>S: 53-45                               | Carc. Cat. 2; R45:<br>C ≥ 1 %   |          |
| 604-077-00-7   | 2-benzotriazol-2-yl-4-methyl-6-(2-methylallyl)phenol  | 419-750-9 | 98809-58-6  | R53   | R: 53<br>S: 61   |   |          |
| 604-079-00-8   | 4,4'-(1,3-phenylene-bis<br>(1-methylethylidene))bis-phenol  | 428-970-4 | 13595-25-0  | Repr. Cat.3; R62<br>R43<br>N; R51-53  | Xn; N<br>R: 43-62-51/53<br>S: (2-)22-36/37-61              |   |          |
| 604-080-00-3   | 4-fluoro-3-trifluoromethylphenol  | 432-560-0 | 61721-07-1  | Xn; R20<br>C; R35<br>R43<br>N; R51-53   | C; N<br>R: 20-35-43-51/53<br>S: (1/2-)26-28-36/37/39-45-61 |   |          |
| 604-081-00-9   | 1,1-bis(4-hydroxyphenyl)-1-phenylethane   | 433-130-5 | 1571-75-1   | N; R50-53   | N<br>R: 50/53<br>S: 25-60-61                               |   |          |
| 604-082-00-4   | 2-chloro-6-fluoro-phenol  | 433-890-8 | 2040-90-6   | Muta. Cat.2; R46<br>Repr. Cat.3; R62<br>Xn; R22<br>C; R34<br>R43<br>N; R51-53 | T; N<br>R: 46-22-34-43-62-51/53<br>S: 53-45-61             |   | E        |
| 604-083-00-X   | 4,4'-sulfonylbisphenol, polymer with ammonium chloride(NH <sub>4</sub> Cl), pentachlorophosphorane and phenol | 439-270-3 | 260408-02-4 | R53   | R: 53<br>S: 61   |   |          |
| 604-084-00-5   | 1-ethoxy-2,3-difluorobenzene  | 441-000-4 | 121219-07-6 | Xn; R22<br>R52-53   | Xn<br>R: 22-52/53<br>S: (2-)23-61                          |   |          |



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|----------------|--|-----------|------------|--|---|---------------------|----------|
| 604-087-00-1   | reaction mass of: 1,2-naphthoquinonediazide-5-sulfonylchloride (or sulfonic acid)monoester with 4,4'-(1-(4-(1-(4-hydroxyphenyl)-1-methylethyl)phenyl)ethylidene)bisphenol;<br>1,2-naphthoquinonediazide-5-sulfonylchloride (or sulfonic acid)diester with 4,4'-(1-(4-(1-(4-hydroxyphenyl)-1-methylethyl)phenyl)ethylidene)bisphenol;<br>1,2-naphthoquinonediazide-5-sulfonylchloride (or sulfonic acid)triester with 4,4'-(1-(4-(1-(4-hydroxyphenyl)-1-methylethyl)phenyl)ethylidene)bisphenol | 433-640-8 | —          | F; R17<br>R44<br>R53   | F<br>R: 17-44-53<br>S: (2-)15-22-61   |                     |          |
| 604-089-00-2   | 2-methyl-5- <i>tert</i> -butylthiophenol   | 444-970-7 | —          | R10<br>Repr. Cat.3; R63<br>Xn; R48/20/22-65<br>Xi; R36/38<br>R43<br>R67<br>N; R50-53 | Xn; N<br>R: 10-36/38-43-48/20/22-63-65-67-50/53<br>S: (2-)26-36/37-62-60-61 |                     |          |
| 605-023-00-5   | 5-chloro-2-(4-chlorophenoxy)phenol   | 429-290-0 | 3380-30-1  | Xi; R41<br>N; R50-53   | Xi; N<br>R: 41-50/53<br>S: (2-)26-39-60-61                                  |                     |          |
| 605-024-00-0   | 2-bromo-5-hydroxy-4-methoxybenzaldehyde  | 426-540-0 | 2973-59-3  | R43<br>N; R51-53   | Xi; N<br>R: 43-51/53<br>S: (2-)24-37-61                                     |                     |          |
| 605-032-00-4   | 3-[3-(4-fluorophenyl)-1-(1-methylethyl)-1 <i>H</i> -indol-2-yl]-( <i>E</i> )-2-propenal  | 425-370-4 | 93957-50-7 | R43<br>N; R50-53   | Xi; N<br>R: 43-50/53<br>S: (2-)22-24-37-60-61                               |                     |          |
| 605-033-00-X   | reaction mass of: 3,7,11-trimethyl- <i>cis</i> -6,10-dodecadienal;<br>3,7,11-trimethyl- <i>trans</i> -6,10-dodecadienal  | 425-910-9 | 32480-08-3 | Xi; R38<br>N; R50-53   | Xi; N<br>R: 38-50/53<br>S: (2-)37-60-61                                     |                     |          |
| 605-034-00-5   | reaction mass of: (1 <i>RS</i> ,2 <i>RS</i> ,3 <i>SR</i> ,6 <i>RS</i> ,9 <i>SR</i> )-9-methoxytricyclo[5.2.1.0(2,6)]decane-3-carbaldehyde;<br>(1 <i>RS</i> ,2 <i>RS</i> ,3 <i>RS</i> ,6 <i>RS</i> ,8 <i>SR</i> )-8-methoxytricyclo[5.2.1.0(2,6)]decane-3-carbaldehyde;<br>(1 <i>RS</i> ,2 <i>RS</i> ,4 <i>SR</i> ,6 <i>RS</i> ,8 <i>SR</i> )-8-methoxytricyclo[5.2.1.0(2,6)]decane-4-carbaldehyde  | 429-860-9 | —          | R43<br>N; R51-53   | Xi; N<br>R: 43-51/53<br>S: (2-)24-37-61                                     |                     |          |

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|----------------|---|-----------|-------------|--|---|---------------------|----------|
| 605-035-00-0   | (E)-3-(4-(4-fluorophenyl)-5-methoxymethyl-2,6-bis(1-methoxymethyl)pyridin-3-yl)prop-2-enal  | 426-330-9 | 177964-68-0 | Xi; R36<br>R43<br>R53                  | Xi<br>R: 36-43-53<br>S: (2-)24-26-37-61       |                     |          |
| 605-036-00-6   | 2-bromomalonaldehyde  | 430-470-6 | 2065-75-0   | Xn; R22<br>Xi; R41                     | Xn<br>R: 22-41<br>S: (2-)26-39                |                     |          |
| 605-037-00-1   | trans-3-[2-(7-chloro-2-quinoliny)vinyl]benzaldehyde;<br>3-[(E)-2-(7-chloro-2-quinoliny)vinyl]benzaldehyde   | 421-800-1 | 120578-03-2 | R53                                    | R: 53<br>S: 22-61                             |                     |          |
| 605-038-00-7   | 3-methyl-5-phenylpentan-1-al  | 433-900-0 | 55066-49-4  | Xn; R22<br>Xi; R38<br>R43<br>N; R51-53 | Xn; N<br>R: 22-38-43-51/53<br>S: (2-)36/37-61 |                     |          |
| 605-039-00-2   | 3,4-dihydroxy-5-nitrobenzaldehyde   | 441-810-8 | 116313-85-0 | Xn; R22<br>Xi; R41<br>R43              | Xn<br>R: 22-41-43<br>S: (2-)22-24-26-37/39    |                     |          |
| 606-074-00-6   | reaction mass of: (1R*,2S*)-2-acetyl-1,2,3,4,5,6,7,8-octahydro-1,2,8,8-tetramethylnaphthalene;<br>(2R*,3S*)-2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethylnaphthalene | 425-570-1 | —           | N; R50-53                              | N<br>R: 50/53<br>S: 60-61                     |                     |          |
| 606-090-00-3   | 1-[3-[(dimethylamino)methyl]-4-hydroxyphenyl]ethanone   | 430-920-1 | 73096-98-7  | Xn; R22<br>Xi; R41<br>R52-53           | Xn<br>R: 22-41-52/53<br>S: (2-)22-26-39-61    |                     |          |
| 606-093-00-X   | 5-ethyl-2,4-dihydro-4-(2-phenoxyethyl)-3H-1,2,4-triazol-3-one   | 414-470-3 | 95885-13-5  | Xn; R22<br>R52-53                      | Xn<br>R: 22-52/53<br>S: (2-)22-36-61          |                     |          |
| 606-094-00-5   | N-[ethyl(3-methylbutyl)amino]-3-methyl-1-phenyl-spiro[[1]benzo-pyrano[2,3-c]pyrazole-4(1H),1'(3'H)-isobenzofuran]-3'-one  | 417-460-7 | —           | R53                                    | R: 53<br>S: 61                                |                     |          |
| 606-095-00-0   | (R,S)-2-azabicyclo[2.2.1]hept-5-en-3-one  | 421-830-3 | 49805-30-3  | Xn; R22<br>R43                         | Xn<br>R: 22-43<br>S: (2-)22-24-37             |                     |          |
| 606-096-00-6   | 3-(6-O-(6-desoxy- $\alpha$ -l-mannopyranosyl-O-( $\alpha$ -d-glucopyranosyl)- $\beta$ -d-glucopyranosyl)oxy)-2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-4H-1-benzopyran-4-one      | 424-170-4 | 130603-71-3 | R43<br>N; R51-53                       | Xi; N<br>R: 43-51/53<br>S: (2-)24-37-61       |                     |          |

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|----------------|--|-----------|-------------|--|---------------------------------------|---------------------|----------|
| 606-097-00-1   | 2,2"-dihydroxy-4,4"--(2-hydroxy-propane-1,3-diyldioxy)dibenzophenone   | 424-210-0 | 23911-85-5  | R53  | R: 53<br>S: 61                        |                     |          |
| 606-098-00-7   | 1-benzyl-5-(hexadecyloxy)-2,4-imidazolidinedione   | 431-220-9 | 158574-65-3 | R53  | R: 53<br>S: 61                        |                     |          |
| 606-099-00-2   | 5-methoxy-4'-(trifluoromethyl)valerophenone  | 425-000-1 | 61718-80-7  | N; R51-53                                    | N<br>R: 51/53<br>S: 61                |                     |          |
| 606-100-00-6   | 2-butyryl-3-hydroxy-5-thiocyclohexan-3-yl-cyclohex-2-en-1-one  | 425-150-8 | 94723-86-1  | Repr. Cat.2; R60<br>Xn; R22<br>R43<br>R52-53 | T<br>R: 60-22-43-52/53<br>S: 53-45-61 |                     | E        |
| 606-101-00-1   | reaction mass of: 1,5-bis[(2-ethylhexyl)amino]-9,10-anthracenedione;<br>1-[(2-ethylhexyl)amino]-5-[3-[(2-ethylhexyl)oxy]propyl]amino-9,10-anthracenedione;<br>1,5-bis[3-[(2-ethylhexyl)oxy]propyl]amino-9,10-anthracenedione;<br>1-[(2-ethylhexyl)amino]-5-[(3-methoxypropyl)amino]-9,10-anthracenedione;<br>1-[3-[(2-ethylhexyl)oxy]propyl]amino-5-[(3-methoxypropyl)amino]-9,10-anthracenedione;<br>1,5-bis[(3-methoxypropyl)amino]-9,10-anthracenedione | 426-050-7 | 165038-51-7 | N; R50-53                                    | N<br>R: 50/53<br>S: 60-61             |                     |          |
| 606-102-00-7   | 4-(3-triethoxysilylpropoxy)-2-hydroxybenzophenone  | 431-490-8 | 79876-59-8  | N; R51-53                                    | N<br>R: 51/53<br>S: 61                |                     |          |
| 606-103-00-2   | 1-(4-(trans-4-ethylcyclohexyl)phenyl)ethanone  | 426-460-6 | —           | R43  | Xi<br>R: 43<br>S: (2-)24-37           |                     |          |
| 606-104-00-8   | 1-(4-(trans-4-pentylcyclohexyl)phenyl)ethanone   | 426-830-7 | 78531-59-6  | R43<br>R53                                   | Xi<br>R: 43-53<br>S: (2-)24-37-61     |                     |          |
| 606-105-00-3   | 3,4,3',4'-tetraphenyl-1,1'-ethandiylbispyrol-2,5-dione   | 431-500-0 | 226065-73-2 | R43<br>R53                                   | Xi<br>R: 43-53<br>S: (2-)22-24-37-61  |                     |          |

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|----------------|--|-----------|-------------|---|---|---------------------|----------|
| 606-106-00-9   | 1-(4-( <i>trans</i> -4-butylcyclohexyl)phenyl)ethanone   | 427-320-7 | 83626-30-6  | R43<br>R53                                    | Xi<br>R: 43-53<br>S: (2-)24-37-61                       |                     |          |
| 606-107-00-4   | 8-azaspiro[4.5]decane-7,9-dione  | 427-770-4 | 1075-89-4   | T; R25<br>N; R51-53                           | T; N<br>R: 25-51/53<br>S: (1/2-)22-36-45-61             |                     |          |
| 606-108-00-X   | 1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone   | 436-710-6 | 756-13-8    | R52-53  | R: 52/53<br>S: 61                                       |                     |          |
| 606-109-00-5   | 2-(4-methyl-3-pentenyl)anthraquinone   | 428-320-1 | 71308-16-2  | Xn; R22<br>R43<br>R53                         | Xn<br>R: 22-43-53<br>S: (2-)22-24-37-61                 |                     |          |
| 606-110-00-0   | 5-ethoxy-5H-furan-2-one  | 428-330-4 | 2833-30-9   | C; R34<br>Xn; R21/22-48/22<br>R43             | C<br>R: 21/22-34-43-48/22<br>S: (1/2-)23-26-36/37/39-45 |                     |          |
| 606-111-00-6   | 5-amino-6-methyl-1,3-dihydrobenzoimidazol-2-one  | 428-410-9 | 67014-36-2  | Xn; R22<br>R43<br>N; R51-53                   | Xn; N<br>R: 22-43-51/53<br>S: (2-)24-37-61              |                     |          |
| 606-112-00-1   | (4aR*,8aR*)-4a,5,9,10,11,12-hexahydro-3-methoxy-11-methyl-6H-benzofuro[3a,3,2-ef][2]benzazepin-6-one   | 428-690-2 | 1668-86-6   | Xn; R22<br>Xi; R36<br>R52-53                  | Xn<br>R: 22-36-52/53<br>S: (2-)22-26-61                 |                     |          |
| 606-113-00-7   | 1-[4-(4-benzoylphenylsulfanyl)phenyl]-2-methyl-2-(4-methylphenylsulfonyl)propan-1-one  | 429-040-0 | 272460-97-6 | Xi; R41<br>R53                                | Xi<br>R: 41-53<br>S: (2-)26-39-61                       |                     |          |
| 606-114-00-2   | 4,4',5,5',6,6',7,7'-octachloro-(2,2')biisoindolyl-1,1',3,3'-tetraone   | 429-150-9 | 67887-47-2  | R53   | R: 53<br>S: 61  |                     |          |
| 606-115-00-8   | profoxydim (ISO);<br>2-(( <i>EZ</i> )-1-[(2 <i>RS</i> )-2-(4-chlorophenoxy)propoxyimino]butyl)-3-hydroxy-5-(thian-3-yl)cyclohex-2-en-1-one             | —         | 139001-49-3 | Carc. Cat. 3; R40<br>Repr. Cat. 3; R63<br>R43 | Xn<br>R: 40-43-63<br>S: (2-)36/37-46                    |                     |          |
| 606-116-00-3   | tepraloxymid (ISO);<br>( <i>RS</i> )-( <i>EZ</i> )-2-{1-[(2 <i>E</i> )-3-chloroallyloxyimino]propyl}-3-hydroxy-5-perhydropyran-4-ylcyclohex-2-en-1-one | —         | 149979-41-9 | Carc. Cat. 3; R40<br>Repr. Cat. 3; R62-63     | Xn<br>R: 40-62-63<br>S: (2-)36/37-46                    |                     |          |
| 606-117-00-9   | 2,6-bis(1,1-dimethylethyl)-4-(phenylenemethylene)cyclohexa-2,5-dien-1-one  | 429-460-4 | 7078-98-0   | R43<br>R53                                    | Xi<br>R: 43-53<br>S: (2-)24-37-61                       |                     |          |

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|----------------|---|-----------|-------------|---|---|---------------------|----------|
| 606-118-00-4   | N-(1,3-dimetylbutyl)-N'-(phenyl)-1,4-benzoquinonediimine  | 429-640-2 | 52870-46-9  | Xi; R36<br>N; R50-53                            | Xi; N<br>R: 36-50/53<br>S: (2-)26-60-61                         |                     |          |
| 606-119-00-X   | (E)-3-methyl-5-cyclopentadecen-1-one  | 429-900-5 | —           | R43<br>N; R50-53                                | Xi; N<br>R: 43-50/53<br>S: (2-)24-37-60-61                      |                     |          |
| 606-120-00-5   | 2,5-dihydroxy-5-methyl-3-(morpholin-4-yl)-2-cyclopenten-1-one   | 430-170-5 | 114625-74-0 | Xn; R22<br>R52-53                               | Xn<br>R: 22-52/53<br>S: (2-)46-61                               |                     |          |
| 606-121-00-0   | (+)-(1S,2S,3S,5R)-2,6,6-trimethylbicyclo[3.1.1]heptane-3-spiro-1'-(cyclohex-2'-en-4'-one)                                       | 430-460-1 | 133636-82-5 | C; R34<br>R43<br>N; R50-53                      | C; N<br>R: 34-43-50/53<br>S: (1/2-)26-36/37/39-45-57-60-61      |                     |          |
| 606-122-00-6   | 3-(2-bromopropionyl)-4,4-dimethyl-1,3-oxazolan-2-one  | 430-820-8 | 114341-88-7 | Xn; R22-48/22<br>Xi; R38-41<br>R43<br>N; R50-53 | Xn; N<br>R: 22-38-41-43-48/22-50/53<br>S: (2-)26-36/37/39-60-61 |                     |          |
| 606-123-00-1   | 4-hexadecyl-1-phenylpyrazolidin-3-one   | 430-840-7 | —           | R43<br>R53                                      | Xi<br>R: 43-53<br>S: (2-)24-37-61                               |                     |          |
| 606-124-00-7   | 1-cyclopropyl-3-(2-methylthio-4-trifluoromethylphenyl)-1,3-propanedione   | 421-080-7 | 161462-35-7 | Xn; R48/22<br>N; R50-53                         | Xn; N<br>R: 48/22-50/53<br>S: (2-)36-60-61                      |                     |          |
| 606-125-00-2   | 1-benzylimidazolidine-2,4-dione   | 421-340-1 | 6777-05-5   | Xn; R22   | Xn<br>R: 22<br>S: (2-)22  |                     |          |
| 606-126-00-8   | 1,4-bis(2,3-dihydroxypropylamino)anthraquinone  | 421-470-7 | 99788-75-7  | N; R51-53                                       | N<br>R: 51/53<br>S: 61  |                     |          |
| 606-128-00-9   | 2,2'-(1,3-phenylene)bis[5-chloro-1H-isoindole]-1,3(2H)-dione  | 422-650-8 | 148935-94-8 | R53   | R: 53<br>S: 61  |                     |          |
| 606-129-00-4   | 5-amino-[2S-di(methylphenyl)amino]-1,6-diphenyl-4Z-hexen-3-one;<br>(2S,4Z)-5-amino-2-(dibenzylamino)-1,6-diphenylhex-4-en-3-one | 423-090-7 | 156732-13-7 | R53   | R: 53<br>S: 61  |                     |          |

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|----------------|---|-----------|-------------|--|---|--|----------|
| 606-130-00-X   | 4-(1,4-dioxa-spiro[4.5]dec-8-yl)-cyclohexanone  | 423-860-2 | 56309-94-5  | R43<br>R52-53  | Xi<br>R: 43-52/53<br>S: (2-)24-37-61                                  |  |          |
| 606-131-00-5   | cyclic 3-(1,2-ethanediyloacetale)-estra-5(10),9(11)-diene-3,17-dione  | 427-230-8 | 5571-36-8   | Repr. Cat. 2; R60<br>Xn; R48/22<br>N; R51-53           | T; N<br>R: 60-48/22-51/53<br>S: 53-45-61                              |  | E        |
| 606-132-00-0   | (6β)-6,19-epoxyandrost-4-ene-3,17-dione   | 433-490-3 | 6563-83-3   | R43<br>R52-53  | Xi<br>R: 43-52/53<br>S: (2-)24-37-61                                  |  |          |
| 606-134-00-1   | androsta-1,4,9(11)-triene-3,17-dione  | 433-560-3 | 15375-21-0  | Repr. Cat.3; R62                                       | Xn<br>R: 62<br>S: (2-)22-36/37  |  |          |
| 606-135-00-7   | cyclohexadecanone   | 438-930-8 | 2550-52-9   | R53  | R: 53<br>S: 61  |  |          |
| 606-136-00-2   | (3S,6R,9S,12R,15S,18R,21S,24R)-6,18-dibenzyl-3,9,15,21-tetraisobutyl-4,10,12,16,22,24-hexamethyl-1,7,13,19-tetraoxa-4,10,16,22-tetraazacyclo-tetracosane-2,5,8,11,14,17,20,23-octaone | 444-350-6 | 133413-70-4 | Xi; R36<br>R53   | Xi<br>R: 36-53<br>S: (2-)26-61  |  |          |
| 606-137-00-8   | <i>trans</i> -7,7'-dimethyl-(4 <i>H</i> ,4 <i>H'</i> )-(2,2')bi[benzo[1,4]thiazinylidene]-3,3'-dione  | 444-750-0 | 211387-26-7 | R53  | R: 53<br>S: 22-61   |  |          |
| 606-138-00-3   | (2-butyl-5-nitrobenzofuran-3-yl)[4-(3-dibutylaminopropoxy)phenyl]methanone  | 444-800-1 | 141645-23-0 | R10<br>Xn; R22-48/22<br>Xi; R38-41<br>R43<br>N; R50-53 | Xn; N<br>R: 10-22-38-41-43-48/22-50/53<br>S: (2-)23-26-36/37/39-60-61 | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 %3 |          |
| 606-139-00-9   | ( <i>S</i> )-4-(3,4-dichlorophenyl)-3,4-dihydro-2 <i>H</i> -naphthalen-1-one  | 444-830-5 | 124379-29-9 | R53  | R: 53<br>S: 61  |  |          |
| 606-140-00-4   | 2-hydroxy-1-(4-(4-(2-hydroxy-2-methylpropionyl)benzyl)phenyl)-2-methylpropan-1-one  | 444-860-9 | 474510-57-1 | Xn; R48/22<br>N; R50-53                                | Xn; N<br>R: 48/22-50/53<br>S: (2-)22-36-60-61                         |  |          |
| 606-141-00-X   | sodium 3-(methoxycarbonyl)-4-oxo-3,4,5,6-tetrahydro-2-pyridinolate  | 418-410-7 | —           | Xi; R36  | Xi<br>R: 36<br>S: (2-)26  |  |          |

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|----------------|--|-----------|-------------|--|---|---------------------|----------|
| 606-142-00-5   | reaction mass of: (1RS,2SR,7SR,8SR,E) 9 and 10-ethylidene-3-oxatricyclo[6.2.1.0 <sup>(2,7)</sup> ]undecan-4-one; (1RS,2SR,7SR,8SR,Z)-10-ethylidene-3-oxatricyclo[6.2.1.0 <sup>(2,7)</sup> ]undecan-4-one; (1RS,2SR,7SR,8SR,Z)-9-ethylidene-3-oxatricyclo[6.2.1.0 <sup>(2,7)</sup> ]undecan-4-one | 434-290-9 | —           | Xn; R22<br>N; R51-53                         | Xn; N<br>R: 22-51/53<br>S: (2-)61                       |                     |          |
| 607-417-00-2   | 3-chloropropyl chloroformiate  | 425-770-9 | 628-11-5    | T; R23<br>Xn; R22-48/22<br>Xi; R38-41<br>R43 | T<br>R: 22-23-38-41-43-48/22<br>S: (1/2-)26-36/37/39-45 |                     |          |
| 607-428-00-2   | tetrasodium ethylene diamine tetraacetate  | 200-573-9 | 64-02-8     | Xn; R22<br>Xi; R41                           | Xn<br>R: 22-41<br>S: (2-)26-39-46                       |                     |          |
| 607-429-00-8   | edetic acid;<br>(EDTA)   | 200-449-4 | 60-00-4     | Xi; R36                                      | Xi<br>R: 36<br>S: (2-)26                                |                     |          |
| 607-471-00-7   | 1,6-bis((dibenzylthiocarbamoyl)disulfanyl)hexane   | 429-280-6 | 151900-44-6 | R53  | R: 53<br>S: 61  |                     |          |
| 607-473-00-8   | pentaerythritol, dipentaerythritol, fatty acids, C <sub>6-10</sub> , mixed esters with adipic acid, heptanoic acid and isostearic acid   | 426-590-3 | 187412-41-5 | R43  | Xi<br>R: 43<br>S: (2-)24-37                             |                     |          |
| 607-477-00-X   | (1 $\alpha$ 5 $\alpha$ 6 $\alpha$ )-6-nitro-3-benzyl-3-azabicyclo[3.1.0]hexane methanesulfonate salt   | 426-740-8 | —           | Xn; R22<br>Xi; R41<br>N; R51-53              | Xn; N<br>R: 22-41-51/53<br>S: (2-)22-26-39-61           |                     |          |
| 607-481-00-1   | reaction mass of: trihexyl citrate; dihexyloctyl citrate; dioctylhexyl citrate; dihexyldecyl citrate   | 430-290-8 | —           | R53  | R: 53<br>S: 61  |                     |          |
| 607-482-00-7   | N-[1-(S)-ethoxycarbonyl-3-phenylpropyl]-l-alanyl-N-carboxyanhydride  | 430-360-8 | 84793-24-8  | Xi; R41<br>R43                               | Xi<br>R: 41-43<br>S: (2-)22-24-26-37/39                 |                     |          |
| 607-483-00-2   | 1,2-benzenedicarboxylic acid; di-C <sub>6-8</sub> -branched alkylesters, C <sub>7</sub> -rich  | 276-158-1 | 71888-89-6  | Repr. Cat. 2; R61                            | T<br>R: 61<br>S: 53-45                                  |                     |          |
| 607-484-00-8   | ethyl 2-[[3-acetylamino-4-(6-bromo-2-methyl-1,3-dioxo-2,3-dihydro-1H-isoindol-5-ylazo)phenyl]ethylamino]propionate   | 430-480-0 | 221452-67-1 | R53  | R: 53<br>S: 61  |                     |          |

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|----------------|--|-----------|-------------|--|---|---------------------|----------|
| 607-485-00-3   | (3 <i>S-trans</i> )-phenyl-3-[(1,3-benzodioxol-5-yloxy)methyl]-4-(4-fluorophenyl)-1-piperidinecarboxylate  | 430-510-2 | —           | R53  | R: 53<br>S: 22-61                                       |                     |          |
| 607-486-00-9   | potassium sodium 5'-(6-chloro-4-(2-(2-vinylsulfonylethoxy)ethylamino)-1,3,5-triazin-2-ylamino)-4'-hydroxy-2,3'-azodinaphthalene-1,2',5,7'-disulfonate  | 402-110-8 | 110081-40-8 | R52-53   | R: 52/53<br>S: 22-61                                    |                     |          |
| 607-491-00-6   | reaction mass of: diester of 4,4'-methylenebis[2-(2-hydroxy-5-methylbenzyl)-3,6-dimethylphenol] and 6-diazo-5,6-dihydro-5-oxonaphthalene-1-sulfonic acid (1:2);<br>triester of 4,4'-methylenebis[2-(2-hydroxy-5-methylbenzyl)-3,6-dimethylphenol] and 6-diazo-5,6-dihydro-5-oxonaphthalene-1-sulfonic acid (1:3) | 427-140-9 | —           | Carc. Cat. 3; R40                                      | Xn<br>R: 40<br>S: (2-)36/37                             |                     |          |
| 607-504-00-5   | diammonium 1-hydroxy-2-(4-(4-carboxyphenylazo)-2,5-dimethoxyphenylazo)-7-amino-3-naphthalenesulfonate  | 422-670-7 | —           | Repr. Cat. 3; R62<br>T; R25<br>Xn; R48/22<br>N; R50-53 | T; N<br>R: 25-48/22-62-50/53<br>S: (1/2-)36/37-45-60-61 |                     |          |
| 607-509-00-2   | 2-phenoxyethyl 4-aminobenzoate   | 430-880-5 | 88938-23-2  | N; R51-53  | N<br>R: 51/53<br>S: 61                                  |                     |          |
| 607-510-00-8   | (2 <i>S,5R</i> )-6,6-dibromo-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 4,4-dioxide  | 427-200-4 | 76646-91-8  | Xn; R22<br>Xi; R38-41<br>R43                           | Xn<br>R: 22-38-41-43<br>S: (2-)24-26-37/39              |                     |          |
| 607-511-00-3   | reaction mass of: 4-[(3-decyloxypropyl)(3-isobutoxy-1-isobutoxycarbonyl-3-oxopropyl)amino]-4-oxobutyric acid;<br>4-[(3-isobutoxy-1-isobutoxycarbonyl-3-oxopropyl)(3-octyloxypropyl)amino]-4-oxobutyric acid  | 423-750-4 | —           | Xi; R36<br>N; R51-53                                   | Xi; N<br>R: 36-51/53<br>S: (2-)26-61                    |                     |          |
| 607-514-00-X   | potassium N-(1-methoxy-1-oxobut-2-en-3-yl)valinate   | 427-240-2 | 134841-35-3 | R43  | Xi<br>R: 43<br>S: (2-)24-37                             |                     |          |
| 607-518-00-1   | 3-oxoandrost-4-ene-17- $\beta$ -carboxylic acid  | 414-990-0 | 302-97-6    | Repr. Cat. 3; R62<br>R53                               | Xn<br>R: 62-53<br>S: (2-)36/37-61                       |                     |          |



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|----------------|---|-----------|-------------|----------------------------|---|---------------------|----------|
| 607-519-00-7   | poly-[[((4-(4-ethyl-ethylene)amino)phenyl)-((4-(ethyl-(2-oxyethylene)amino)phenyl)methinyl)cyclohexa-2,5-dienylidene)-N-ethyl-N-(2-hydroxyethyl)ammonium acetate]   | 427-280-0 | 176429-27-9 | Xi; R37/38-41<br>N; R50-53 | Xi; N<br>R: 37/38-41-50/53<br>S: (2-)26-37/39-60-61 |                     |          |
| 607-520-00-2   | reaction mass of: sodium 4,5-dihydro-2-[(propionato)(C <sub>6-18</sub> )alkyl]-3H-imidazolium-N-ethylphosphate;<br>disodium 4,5-dihydro-2-[(dipropionato)(C <sub>6-18</sub> )alkyl]-3H-imidazolium-N-ethylphosphate   | 427-740-0 | —           | Xi; R41<br>R43             | Xi<br>R: 41-43<br>S: (2-)24-26-37/39                |                     |          |
| 607-521-00-8   | tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate   | 429-270-1 | 136210-30-5 | R43<br>R52-53              | Xi<br>R: 43-52/53<br>S: (2-)36/37-61                |                     |          |
| 607-522-00-3   | sodium salt of the polymer of: sodium 2-methyl-buta-1,3-diene-1-sulfonate with acrylic acid and 2-hydroxyethyl-2-methylacrylate   | 429-720-7 | 184246-86-4 | R52-53                     | R: 52/53<br>S: 61                                   |                     |          |
| 607-523-00-9   | reaction mass of mono to tetra(lithium and/or sodium)3-amino-10-[4-(4-amino-3-sulfonatoanilino)-6-[methyl-(2-sulfonatoethyl)amino]-1,3,5-triazin-2-ylamino]-6-1,3-dichlorobenzo[1,2-B:4,5-B']di[1,4]benzoxazine-4,11-disulfonate;<br>mono to tetra(lithium and/or sodium)3-amino-10-[4,6-bis(4-amino-3-sulfonatoanilino)-1,3,5-triazin-2-ylamino]-6-1,3-dichlorobenzo[1,2-B:4,5-B']di[1,4]benzoxazine-4,11-disulfonate;<br>mono to penta(lithium and/or sodium)10,10'-diamino-6,6',1,3,1,3'-tetrachloro-3,3'-[6-[methyl-(2-sulfonatoethyl)amino]-1,3,5-triazin-2,4-diyl]diimino]bis[benzo[1,2-B:4,5-B']di[1,4]benzoxazine-4,11-disulfonate;<br>mono to hepta(lithium and/or sodium)10-amino-6,6',1,3,1,3'-tetrachloro-10'[4-(4-amino-3-sulfonatoanilino)-[6-methyl-(2-sulfonatoethyl)amino]-1,3,5-triazin-2,4-diimino]bis[benzo[1,2-B:4,5-B']di[1,4]benzoxazine-4,11-disulfonate;<br>mono to hepta(lithium and/or sodium)10,10'-diamino-6,6',3,3'[(2-sulfonato)-1,4-phenylenediiminobis[6-methyl-(2-sulfonatoethyl)amino]-1,3,5-triazin-2,4-diyl]diimino]bis[benzo[1,2-B:4,5-B']di[1,4]benzoxazine-4,11-disulfonate | 430-200-7 | —           | Xi; R41<br>R52-53          | Xi<br>R: 41-52/53<br>S: (2-)26-39-61                |                     |          |

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|----------------|--|-----------|-------------|--------------------------------------|--|---------------------|----------|
| 607-524-00-4   | tall oil 2-[(tetrahydro-2H-pyran-2-yl)thio]ethyl esters  | 430-310-5 | —           | R53                                  | R: 53<br>S: 61                                       |                     |          |
| 607-525-00-X   | (Z)-2-methoxymino-2-[2-(tritylamino)thiazol-4-yl]acetic acid   | 431-520-1 | 64485-90-1  | E; R2<br>Carc. Cat. 3; R40<br>R52-53 | E; Xn<br>R: 2-40-52/53<br>S: (2-)23-25-35-36/37-61   |                     |          |
| 607-528-00-6   | (S)-3-methyl-2-(2-oxotetrahydropyrimidine-1-yl)butyric acid  | 430-900-2 | 192725-50-1 | Xi; R41                              | Xi<br>R: 41<br>S: (2-)26-39                          |                     |          |
| 607-529-00-1   | benzyl cis-4-ammonium-4'-toluenesulfonato-1-cyclohexanecarboxylate   | 426-070-6 | 67299-45-0  | R52-53                               | R: 52/53<br>S: 61                                    |                     |          |
| 607-530-00-7   | reaction mass of isomers of: C <sub>7-9</sub> -alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate   | 406-040-9 | 125643-61-0 | R53                                  | R: 53<br>S: 61                                       |                     |          |
| 607-531-00-2   | methyl 3-amino-4,6-dibromo-2-methylbenzoate  | 425-190-6 | 119916-05-1 | Xn; R48/22<br>N; R51-53              | Xn; N<br>R: 48/22-51/53<br>S: (2-)22-36-61           |                     |          |
| 607-532-00-8   | (S)-1-[2-tert-butoxycarbonyl-3-(2-methoxyethoxy)propyl]-1-cyclopentanecarboxylic acid, cyclohexylamine salt  | 425-510-4 | 167944-94-7 | R52-53                               | R: 52/53<br>S: 61                                    |                     |          |
| 607-533-00-3   | pentasodium monohydrogen 6-chloro-3,10-bis[2-[4-chloro-6-(2,4-disulfophenylamino)-1,3,5-triazin-2-yl-amino]ethylamino]-13-ethylbenzo[5.6][1.4]oxazino[2,3-b]phenoxazine-4,11-disulfonate | 414-910-4 | —           | Xi; R41<br>R43                       | Xi<br>R: 41-43<br>S: (2-)22-24-26-37/39              |                     |          |
| 607-534-00-9   | ethyl 2-(3-benzoylphenyl)propanoate  | 414-920-9 | 60658-04-0  | T; R25-48/25<br>R43<br>N; R51-53     | T; N<br>R: 25-43-48/25-51/53<br>S: (1/2-)36/37-45-61 |                     |          |
| 607-535-00-4   | potassium 4-iodo-2-sulfonato-benzoic acid  | 426-620-5 | —           | Xi; R41<br>R52-53                    | Xi<br>R: 41-52/53<br>S: (2-)26-39-61                 |                     |          |
| 607-536-00-X   | (2,6-xylyloxy) acetic acid   | 430-910-7 | 13335-71-2  | Xn; R22<br>Xi; R41<br>R52-53         | Xn<br>R: 22-41-52/53<br>S: (2-)26-39-61              |                     |          |

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|----------------|---|-----------|-------------|---|---|---------------------|----------|
| 607-537-00-5   | isopropylammonium 2-(3-benzoylphenyl)propionate   | 417-970-1 | —           | T; R25-48/25<br>Xn; R21<br>Xi; R41<br>N; R50-53 | T; N<br>R: 21-25-41-48/25-50/53<br>S: (1/2-)22-26-36/37/39-45-60-61 |                     |          |
| 607-539-00-6   | propyl((4-(5-oxo-3-propylisoxazolidin-4-ylidene)phenyl)propoxycarbonylmethyleneamino)acetate  | 431-000-2 | 198705-81-6 | R53   | R: 53<br>S: 61  |                     |          |
| 607-540-00-1   | 1-(mercaptomethyl)cyclopropylacetic acid  | 420-240-3 | 162515-68-6 | C; R34<br>Xn; R21/22<br>R43<br>N; R51-53        | C; N<br>R: 21/22-34-43-51/53<br>S: (1/2-)22-26-36/37/39-45-61       |                     |          |
| 607-541-00-7   | [(1-methyl-1,2-ethanediy)bis[nitrilobis(methylene)]]tetra-kis(phosphonic acid)  | 421-940-1 | 28698-31-9  | Xi; R41<br>N; R50-53                            | Xi; N<br>R: 41-50/53<br>S: (2-)26-39-60-61                          |                     |          |
| 607-542-00-2   | methyl 2-(4-butanefulfonamidophenoxy)tetradecanoate   | 422-110-1 | —           | N; R50-53                                       | N<br>R: 50/53<br>S: 60-61   |                     |          |
| 607-543-00-8   | poly-[[((4-(4-(ethyl-ethylene)amino)phenyl)-(4-(ethyl-(2-oxyethylene)amino)phenyl)methyl)-3-methylcyclohexa-2,5-dienylidene)-N-ethyl-N-(2-hydroxyethyl)ammonium acetate]                                      | 427-480-8 | 176429-22-4 | Xi; R37/38-41<br>N; R50-53                      | Xi; N<br>R: 37/38-41-50/53<br>S: (2-)26-37/39-60-61                 |                     |          |
| 607-544-00-3   | ethyl 6,8-difluoro-1-(formylmethylamino)-1,4-dihydro-7-(4-methyl)piperazin-1-yl)-4-oxo-quinoline-3-carboxylate  | 427-490-2 | 158585-86-5 | R52-53  | R: 52/53<br>S: 61   |                     |          |
| 607-545-00-9   | 1,2-dimethyl-3-(1-methylethenyl)cyclopentyl acetate   | 424-070-0 | 94346-09-5  | Xi; R38<br>N; R51-53                            | Xi; N<br>R: 38-51/53<br>S: (2-)37-61                                |                     |          |
| 607-546-00-4   | reaction mass of: methyl [[5-acetylamino-4-(2-chloro-4-nitrophenylazo)phenyl]methoxycarbonylmethylamino]acetate; methyl [[5-acetylamino-4-(2-chloro-4-nitrophenylazo)phenyl]ethoxycarbonylmethylamino]acetate | 424-290-7 | 188070-47-5 | R43   | Xi<br>R: 43<br>S: (2-)22-24-37                                      |                     |          |
| 607-547-00-X   | 18-methylnonadecyl 2,2-dimethylpropanoate   | 424-370-1 | 125496-22-2 | Xi; R38<br>R43<br>R53                           | Xi<br>R: 38-43-53<br>S: (2-)24-37-61                                |                     |          |

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|----------------|--|-----------|-------------|--|---|---------------------|----------|
| 607-548-00-5   | 1-(2,4-dichlorophenyl)-2-(1 <i>H</i> -imidazol-1-yl)ethanone methanesulfonate  | 431-010-7 | 154486-26-7 | Xn; R22<br>Xi; R41<br>N; R51-53                    | Xn; N<br>R: 22-41-51/53<br>S: (2-)22-26-39-61                       |                     |          |
| 607-549-00-0   | methyl ( <i>E</i> )-2((3-(1,3-benzodioxol-5-yl)-2-methyl-1-propenyl)amino)benzoate   | 424-430-7 | 125778-19-0 | N; R50-53  | N<br>R: 50/53<br>S: 60-61   |                     |          |
| 607-550-00-6   | 2-amino-4-bromo-5-chlorobenzoic acid   | 424-700-4 | —           | Xi; R41<br>R52-53                                  | Xi<br>R: 41-52/53<br>S: (2-)26-39-61                                |                     |          |
| 607-551-00-1   | tetrabutylammonium 2-amino-6-iodopurinate  | 424-710-9 | 156126-48-6 | Xn; R21/22-48/22<br>Xi; R38-41<br>R43<br>N; R51-53 | Xn; N<br>R: 21/22-38-41-43-48/22-51/53<br>S: (2-)26-36/37/39-61     |                     |          |
| 607-552-00-7   | hexadecyl 3-amino-4-isopropoxybenzoate   | 424-830-1 | —           | R53  | R: 53<br>S: 35-61   |                     |          |
| 607-553-00-2   | 7-amino-4-hydroxy-2-naphthalenesulfonic acid, coupled with 5 (or 8) -amino-8 (or 5)-[[4-[[4-[[4-amino-6(or 7)-sulfo-1-naphthyl]azo]phenyl]amino]-3-sulfophenyl]azo]-2-naphthalenesulfonic acid and 4-hydroxy-7-(phenylamino)-2-naphthalenesulfonic acid, sodium salt | 424-850-0 | —           | Xi; R41  | Xi<br>R: 41<br>S: (2-)26-39   |                     |          |
| 607-554-00-8   | 2,4-diamino-5-[4-[(2-sulfoxy ethyl)sulfonyl]phenylazo]benzenesulfonic acid   | 424-870-1 | 27624-67-5  | E; R3<br>Xi; R41<br>R52-53                         | E; Xi<br>R: 3-41-52/53<br>S: (2-)22-26-35-39-61                     |                     |          |
| 607-555-00-3   | 1,1,3,3-tetramethylbutylperoxyvalate   | 424-980-8 | 22288-41-1  | F; R11<br>O; R7<br>Xi; R38<br>R43<br>N; R51-53     | F; O; Xi; N<br>R: 7-11-38-43-51/53<br>S: (2-)7-14-16-36/37/39-47-61 |                     |          |
| 607-556-00-9   | 2-acetoxymethylene-4-acetylphenylacetate   | 425-160-2 | 24085-06-1  | Xn; R22-48/22<br>Xi; R41<br>R43<br>N; R50-53       | Xn; N<br>R: 22-41-43-48/22-50/53<br>S: (2-)22-26-36/37/39-60-61     |                     |          |
| 607-557-00-4   | salt of: (1 <i>S</i> - <i>cis</i> )-1-amino-2,3-dihydro-1 <i>H</i> -inden-2-ol and [R-[R*R*]]-2,3-dihydroxybutanedioic acid  | 425-210-3 | 169939-84-8 | R43  | Xi<br>R: 43<br>S: (2-)24-37   |                     |          |

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|----------------|--|-----------|-------------|--|---|---------------------|----------|
| 607-558-00-X   | 2S-isopropyl-5R-methyl-1R-cyclohexyl (2R,5S)-5-(4-amino-2-oxo-2H-pyrimidin-1-yl)-[1,3]-oxathiolane-2-carboxylate   | 425-250-1 | 147027-10-9 | N; R51-53                                    | N<br>R: 51/53<br>S: 61  |                     |          |
| 607-559-00-5   | coconut oil, reaction products with glycerol esters of 3,5-bis(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid   | 425-400-6 | 179986-09-5 | R53  | R: 53<br>S: 61  |                     |          |
| 607-560-00-0   | (R,S)-2-butyloctanedioic acid  | 431-210-4 | 50905-10-7  | Xi; R41                                      | Xi<br>R: 41<br>S: (2-)26-39                                   |                     |          |
| 607-561-00-6   | sodium 4-hydroxy-3-(N'-(2-(2-hydroxyethylenesulfonyl)ethylene)ureido)-5-nitrobenzenesulfonate  | 425-460-3 | —           | R43<br>R52-53                                | Xi<br>R: 43-52/53<br>S: (2-)24-37-61                          |                     |          |
| 607-562-00-1   | reaction mass of: (2R,3R)-3-(2-ethoxyphenoxy)-2-hydroxy-3-phenylpropylammonium methanesulfonate; (2S,3S)-3-(2-ethoxyphenoxy)-2-hydroxy-3-phenylpropylammonium methanesulfonate | 425-530-3 | 98769-75-6  | Xn; R22<br>Xi; R41<br>N; R51-53              | Xn; N<br>R: 22-41-51/53<br>S: (2-)22-26-39-61                 |                     |          |
| 607-563-00-7   | 5,7-dichloro-4-hydroxyquinoline-3-carboxylic acid  | 431-250-2 | 171850-30-9 | N; R51-53                                    | N<br>R: 51/53<br>S: 61  |                     |          |
| 607-564-00-2   | 1,6-hexanediammonium, sodium 5-sulfato-1,3-benzenedicarboxylate  | 425-730-0 | 51178-75-7  | R43  | Xi<br>R: 43<br>S: (2-)24-37                                   |                     |          |
| 607-565-00-8   | 3-ethyl 5-methyl 2-(2-aminoethoxymethyl)-4-(2-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate   | 425-820-1 | 88150-42-9  | T; R25<br>Xn; R48/22<br>Xi; R41<br>N; R50-53 | T; N<br>R: 25-41-48/22-50/53<br>S: (1/2-)26-36/37/39-45-60-61 |                     |          |
| 607-566-00-3   | reaction mass of: dodecylphenyl dodecylhydroxybenzenecarboxylate; bis(dodecylphenyl)dodecyl hydroxybenzenedicarboxylate  | 426-140-6 | —           | R53  | R: 53<br>S: 61  |                     |          |
| 607-567-00-9   | potassium 3-iodo-6-methylbenzenesulfonate  | 426-300-5 | —           | Xi; R41                                      | Xi<br>R: 41<br>S: (2-)26-39                                   |                     |          |
| 607-568-00-4   | potassium 2-chloro-3-(benzyloxy)propionate   | 426-350-8 | 138666-92-9 | Xn; R22-48/22<br>Xi; R41<br>R43              | Xn<br>R: 22-41-43-48/22<br>S: (2-)26-36/37/39                 |                     |          |

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|----------------|---|-----------|-------------|--------------------------------------|--|---------------------|----------|
| 607-569-00-X   | reaction mass of: sodium 2-amino-4-(2,6-difluoropyrimidin-4-ylamino)benzenesulfonate;<br>sodium 2-amino-4-(4,6-difluoropyrimidin-4-ylamino)benzenesulfonate   | 426-470-0 | —           | R43                                  | Xi<br>R: 43<br>S: (2-)22-24-37                         |                     |          |
| 607-570-00-5   | sodium (6 <i>R-trans</i> )-7-amino-8-oxo-3-[[[1-(sulfomethyl)-1 <i>H</i> -tetrazol-5-yl]thio]methyl]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate monohydrate  | 426-520-1 | 71420-85-4  | R43                                  | Xi<br>R: 43<br>S: (2-)24-37                            |                     |          |
| 607-571-00-0   | 2-cyclopentene-1-acetic acid, 3-hydroxy-2-pentyl-, methyl ester acetate   | 431-400-7 | 57374-49-9  | R43<br>N; R51-53                     | Xi; N<br>R: 43-51/53<br>S: (2-)24-37-61                |                     |          |
| 607-572-00-6   | diethyl thiophosphoryl (Z)-(2-aminothiazol-4-yl)methoxyimino acetate  | 426-790-0 | 162208-27-7 | Xn; R21/22-48/22<br>R43<br>N; R50-53 | Xn; N<br>R: 21/22-43-48/22-50/53<br>S: (2-)36/37-60-61 |                     |          |
| 607-573-00-1   | reaction mass of: disodium 7-(2,4-difluoropyrimidin-6-ylamino)-4-hydroxy-3-(4-methoxy-2-sulfonatophenylazo)naphthalene-2-sulfonate;<br>disodium 7-(4,6-difluoropyrimidin-2-ylamino)-4-hydroxy-3-(4-methoxy-2-sulfonatophenylazo)naphthalene-2-sulfonate | 426-840-1 | —           | Xi; R41                              | Xi<br>R: 41<br>S: (2-)22-26-39                         |                     |          |
| 607-574-00-7   | [1 <i>R</i> -(1- $\alpha$ ,2 $\beta$ ,5 $\alpha$ )]-mono[5-methyl-2-(1-methylethyl)cyclohexyl]butanedioate  | 426-890-4 | 77341-67-4  | Xi; R41                              | Xi<br>R: 41<br>S: (2-)26-39                            |                     |          |
| 607-575-00-2   | 4-(5-(5-[1-(4-carboxyphenyl)hexahydro-2,4,6-trioxopyrimidin-5-ylidene]penta-1,3-dienyl)-1,2,3,4-tetrahydro-6-hydroxy-2,4-dioxopyrimidin-1-yl)benzoic acid-triethylamine salt  | 426-900-7 | —           | Xi; R37<br>R52-53                    | Xi<br>R: 37-52/53<br>S: (2-)61                         |                     |          |
| 607-576-00-8   | branched, octyl 3-[3,5-di( <i>tert</i> -butyl)-4-hydroxyphenyl]propanoate   | 427-030-0 | —           | N; R50-53                            | N<br>R: 50/53<br>S: 60-61                              |                     |          |
| 607-577-00-3   | (2 <i>R</i> *,3 <i>S</i> *)-2-(2,4-difluorophenyl)-3-(5-fluoro-4-pyrimidinyl)-1-(1 <i>H</i> -1,2,4-triazol-1-yl)butan-2-ol (1 <i>R</i> )-10-camphorsulfonate  | 427-100-0 | —           | Xn; R22<br>Xi; R41<br>R43<br>R52-53  | Xn<br>R: 22-41-43-52/53<br>S: (2-)22-24-26-37/39-61    |                     |          |

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|----------------|--|-----------|-------------|--------------------------|--|---------------------|----------|
| 607-578-00-9   | ethyl 4-((4-diethylamino-2-methylphenyl)imino)-4,5-dihydro-1-isopropyl-5-oxo-1H-pyrazole-3-carboxylate   | 427-110-5 | —           | Xn; R22-48/22<br>R53     | Xn<br>R: 22-48/22-53<br>S: (2-)36-61             |                     |          |
| 607-579-00-4   | diethyl[(p-ethoxyanilino)methylene]malonate  | 431-430-0 | 103976-28-9 | Xn; R22<br>N; R51-53     | Xn; N<br>R: 22-51/53<br>S: (2-)61                |                     |          |
| 607-580-00-X   | ethyl 7-chloro-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylate   | 422-360-1 | 100491-29-0 | R43<br>N; R51-53         | Xi; N<br>R: 43-51/53<br>S: (2-)22-24-37-61       |                     |          |
| 607-581-00-5   | ethyl 2-ethoxy-4-carboxymethylbenzoate   | 427-630-2 | 99469-99-5  | Xi; R41                  | Xi<br>R: 41<br>S: (2-)26-39                      |                     |          |
| 607-582-00-0   | reaction mass of: tetrasodium 7-(4-(4-fluoro-6-(4-(2-sulfonatoethylsulfonyl)phenylamino)-1,3,5-triazin-2-ylamino)-2-ureidophenylazo)naphthalene-1,3,6-trisulfonate;<br>tetrasodium 7-(4-(4-hydroxy-6-(4-(2-sulfonatoethylsulfonyl)phenylamino)-1,3,5-triazin-2-ylamino)-2-ureidophenylazo)naphthalene-1,3,6-trisulfonate | 427-650-1 | —           | R52-53                   | R: 52/53<br>S: 22-61                             |                     |          |
| 607-583-00-6   | 4-amino-3-[[4-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]azo]-1-naphthalene sulfonic acid  | 427-680-5 | 188907-52-0 | Xi; R41<br>R43<br>R52-53 | Xi<br>R: 41-43-52/53<br>S: (2-)22-24-26-37/39-61 |                     |          |
| 607-584-00-1   | trisodium 3-[2-acetylamino-4-[4-chloro-6-[4-(2-sulfonatoxyethylsulfonyl)phenylamino]-1,3,5-triazine-2-ylamino]phenylazo]naphthalene-1,5-disulfonate  | 427-710-7 | 215612-56-9 | Xi; R41<br>R43<br>R52-53 | Xi<br>R: 41-43-52/53<br>S: (2-)24-26-37/39-61    |                     |          |
| 607-585-00-7   | strontium 2-[(2-hydroxy-6-sulfonato-1-naphthyl)azo]naphthalene-1-sulfonate   | 427-930-3 | —           | R43                      | Xi<br>R: 43<br>S: (2-)22-24-37                   |                     |          |
| 607-586-00-2   | dodecyl 3-amino-4-chlorobenzoate   | 428-020-9 | 6195-20-6   | R43<br>R53               | Xi<br>R: 43-53<br>S: (2-)24-37-61                |                     |          |

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|----------------|--|-----------|-------------|-----------------------------------|---|---------------------|----------|
| 607-587-00-8   | ethyl cis-4-[[2-[(2,4-dichlorophenyl)-2-(1 <i>H</i> -imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazine-1-carboxylate  | 428-030-3 | 67914-69-6  | Xn; R22-48/22<br>N; R50-53        | Xn; N<br>R: 22-48/22-50/53<br>S: (2-)36-60-61           |                     |          |
| 607-588-00-3   | reaction mass of: 2-ethylhexyl 2,3,4,5-tetrabromobenzoate;<br>bis(2-ethylhexyl) 3,4,5,6-tetrabromophthalate  | 428-050-2 | —           | R43<br>N; R50-53                  | Xi; N<br>R: 43-50/53<br>S: (2-)36/37-60-61              |                     |          |
| 607-589-00-9   | tetrakis(1,2,2,6,6-pentamethyl-4-piperidyl)-1,2,3,4-butanetetracarboxylate   | 428-070-1 | 91788-83-9  | T; R48/25<br>Xn; R22<br>N; R50-53 | T; N<br>R: 22-48/25-50/53<br>S: (1/2-)22-36-45-57-60-61 |                     |          |
| 607-590-00-4   | hexadecyl 3-[2-(5,5-dimethyl-2,4-dioxo-1,3-oxazolidin-3-yl)-4,4-dimethyl-3-oxovaleramido]-4-isopropoxybenzoate   | 428-140-1 | 210706-50-6 | R53                               | R: 53<br>S: 61  |                     |          |
| 607-591-00-X   | reaction mass of: trisodium 5-(4-fluoro-6-morpholin-4-yl-1,3,5-triazin-2-ylamino)-4-hydroxy-3-(4-(2-sulfooxyethanesulfonyl)phenylazo)naphthalene-2,7-disulfonate;<br>disodium 3-(4-ethenesulfonylphenylazo)-5-(4-fluoro-6-morpholin-4-yl-1,3,5-triazin-2-ylamino)-4-hydroxynaphthalene-2,7-disulfonate | 428-400-4 | —           | Xi; R41                           | Xi<br>R: 41<br>S: (2-)22-26-39                          |                     |          |
| 607-592-00-5   | di(C <sub>9-11</sub> -alkyl) cyclohexane-1,4-dicarboxylate   | 428-870-0 | —           | R53                               | R: 53<br>S: 61  |                     |          |
| 607-593-00-0   | 4-(2-methylacryloyloxy)phenyl 4-allyloxybenzoate   | 429-000-2 | 159235-16-2 | R43<br>R52-53                     | Xi<br>R: 43-52/53<br>S: (2-)24-37-61                    |                     |          |
| 607-594-00-6   | ethyl (1 <i>S</i> ,5 <i>R</i> ,6 <i>S</i> )-5-(1-ethylpropoxy)-7-oxabicyclo[4.1.0]hept-3-ene-3-carboxylate   | 429-020-1 | 204254-96-6 | Xn; R48/22<br>R43                 | Xn<br>R: 43-48/22<br>S: (2-)22-36/37                    |                     |          |
| 607-595-00-1   | N-amidino-N-methylglycine-2-oxopropionate  | 429-120-5 | 208535-04-0 | Xi; R41                           | Xi<br>R: 41<br>S: (2-)26-39                             |                     |          |
| 607-596-00-7   | ethyl 2-(4-phenoxyphenyl)lactate   | 429-220-9 | 132584-17-9 | R43<br>N; R50-53                  | Xi; N<br>R: 43-50/53<br>S: (2-)36/37-57-60-61           |                     |          |



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|----------------|---|-----------|-------------|---------------------------|---|---------------------|----------|
| 607-597-00-2   | tetrasodium<br>4,4'-bis{4-[4-(2-hydroxyethylamino)-6-(4-sulfonatoanilino)-1,3,5-triazin-2-ylamino]phenylazo}stilbene-2,2'-disulfonate                                       | 429-230-3 | —           | Xi; R41                   | Xi<br>R: 41<br>S: (2-)22-26-39                          |                     |          |
| 607-598-00-8   | trisodium 3-amino-4-[4-[4-(2-(2-ethenylsulfonylethoxy)ethylamino)-6-fluoro-1,3,5-triazine-2-ylamino]-2-sulfophenylazo]-5-hydroxynaphthalene-2,7-disulfonate                 | 429-240-8 | 212652-59-0 | Xi; R41                   | Xi<br>R: 41<br>S: (2-)26-39                             |                     |          |
| 607-599-00-3   | 1,1-dimethylpropyl 3,5,5-trimethylperoxyhexanoate   | 431-610-9 | 68860-54-8  | O; R7<br>R43<br>N; R50-53 | O; Xi; N<br>R: 7-43-50/53<br>S: (2-)3-14-36/37/39-60-61 |                     |          |
| 607-600-00-7   | (1S,1'R)-[1-(3',3'-dimethyl-1'-cyclohexyl)ethoxycarbonyl]methyl propanoate  | 431-700-8 | —           | N; R51-53                 | N<br>R: 51/53<br>S: 61                                  |                     |          |
| 607-601-00-2   | 1,4-dihydroxy-2,2,6,6-tetramethyl piperidinium-2-hydroxy-1,2,3-propanetricarboxylate  | 429-370-5 | 220410-74-2 | Xn; R22                   | Xn<br>R: 22<br>S: (2-)                                  |                     |          |
| 607-602-00-8   | ethyl (3-cyanomethyl-3,4-dihydro-4-oxophthalazin-1-yl)acetate   | 429-680-0 | 122665-86-5 | R43<br>R52-53             | Xi<br>R: 43-52/53<br>S: (2-)24-37-61                    |                     |          |
| 607-603-00-3   | lithium sodium 4,4',4''-(nitriлотris(ethane-2,1-diylimino(6-chloro-1,3,5-triazine-4,2-diyl)imino))tris(5-hydroxy-6-(1-sulfonaphthalene-2-ylazo)-2,7-naphthalene)disulfonate | 429-730-1 | 193562-37-7 | Xi; R41<br>R43            | Xi<br>R: 41-43<br>S: (2-)22-24-26-37/39                 |                     |          |
| 607-604-00-9   | guanidinium benzoate  | 429-820-0 | 26739-54-8  | Xn; R22                   | Xn<br>R: 22<br>S: (2-)22-25                             |                     |          |
| 607-605-00-4   | methyl 4-iodo-2-(3-(4-methoxy-6-methyl-1,3,5-triazine-2-yl)ureidosulfonyl)benzoate  | 429-890-2 | 144550-06-1 | N; R50-53                 | N<br>R: 50/53<br>S: 60-61                               |                     |          |
| 607-606-00-X   | (Z)-2-(2-t-butoxycarbonylamino-4-thiazolyl)pent-2-enoic acid  | 430-100-3 | 86978-24-7  | Xn; R22                   | Xn<br>R: 22<br>S: (2-)22                                |                     |          |

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|----------------|---|-----------|-------------|-----------------------------|--|---------------------|----------|
| 607-607-00-5   | reaction mass of: calcium bis(C <sub>10-14</sub> branched alkyl salicylate);<br>calcium bis(C <sub>18-30</sub> -alkyl salicylate);<br>calcium C <sub>10-14</sub> branched alkylsalicylato-C <sub>18-30</sub> -alkyl salicylate;<br>calcium bis (C <sub>10-14</sub> branched alkyl phenolate);<br>calcium bis (C <sub>18-30</sub> -alkyl phenolate);<br>calcium C <sub>10-14</sub> branched alkylphenolato-C <sub>18-30</sub> -alkyl phenolate;<br>C <sub>10-14</sub> branched alkyl phenol;<br>C <sub>18-30</sub> -alkyl phenol | 430-180-1 | —           | Xi; R38<br>N; R51-53        | Xi; N<br>R: 38-51/53<br>S: (2-)24-37-61              |                     |          |
| 607-608-00-0   | pentapotassium 2-(4-{5-[1-(2,5-disulfophenyl)-4,5-dihydro-3-methylcarbamoyl-5-oxopyrazol-4-ylidene]-3-(2-pyrrolidinone-1-yl)-1,3-pentadienyl}-3-methylcarbamoyl-5-oxopyrazol-1-yl)benzene-1,4-disulfonate   | 430-210-1 | —           | N; R50-53                   | N<br>R: 50/53<br>S: 60-61                            |                     |          |
| 607-609-00-6   | ethyl (3R)-4-cyano-3-hydroxybutanoate   | 430-220-6 | 141942-85-0 | Xi; R36                     | Xi<br>R: 36<br>S: (2-)26                             |                     |          |
| 607-610-00-1   | trisodium 4-hydroxy-6-(sulfonatomethylamino)-5-(2-(2-sulfatoethylsulfonyl)phenylazo)naphthalene-2-sulfonate   | 430-280-3 | —           | R43                         | Xi<br>R: 43<br>S: (2-)22-24-37                       |                     |          |
| 607-611-00-7   | methyl 3-amino-2,2,3-trimethylbutyrate  | 431-720-7 | 90886-53-6  | C; R34<br>Xn; R22<br>R52-53 | C<br>R: 22-34-52/53<br>S: (1/2-)23-26-36/37/39-45-61 |                     |          |
| 607-612-00-2   | reaction mass of: 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-1-octanesulfonic acid;<br>ammonium 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-1-octanesulfonate  | 432-190-1 | 182176-52-9 | Xn; R22-48/22<br>Xi; R41    | Xn<br>R: 22-41-48/22<br>S: (2-)26-36/37/39           |                     |          |

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|----------------|---|-----------|------------|--|--|---------------------|----------|
| 607-613-00-8   | reaction mass of: succinic acid;<br>monopersuccinic acid;<br>dipersuccinic acid;<br>monomethyl ester of succinic acid;<br>monomethyl ester of persuccinic acid;<br>dimethyl succinate;<br>glutaric acid;<br>monoperglutaric acid;<br>diperlutaric acid;<br>monomethyl ester of glutaric acid;<br>monomethyl ester of perglutaric acid;<br>dimethyl glutarate;<br>adipic acid;<br>monoperadipic acid;<br>diperadipic acid;<br>monomethyl ester of adipic acid;<br>monomethyl ester of peradipic acid;<br>dimethyl adipate;<br>hydrogen peroxide;<br>methanol;<br>water | 432-790-1 | —          | Muta. Cat. 3; R68<br>C; R34<br>Xn; R20/21/22 | C<br>R: 20/21/22-34-68<br>S: (1/2-)26-28-36/37/39-45 |                     |          |
| 607-614-00-3   | 2-(10-oxo-10H-9-oxa-10-phosphaphenanthren-10-ylmethyl)succinic acid   | 426-480-5 | 63562-33-4 | R43<br>R52-53                                | Xi<br>R: 43-52/53<br>S: (2-)24-37-61                 |                     |          |
| 607-615-00-9   | reaction product of thioglycerol and mercaptoacetic acid consisting mainly of 3-mercapto-1,2-bismercaptoacetoxyp propane and oligomers of this substance  | 431-120-5 | —          | T; R23<br>Xn; R22<br>Xi; R36<br>R43          | T<br>R: 22-23-36-43<br>S: (1/2-)24-26-37-45          |                     |          |
| 607-616-00-4   | 2,4-dichloro-5-fluorobenzoylchloride  | 428-390-1 | 86393-34-2 | Xi; R37/38-41<br>R43<br>R52-53               | Xi<br>R: 37/38-41-43-52/53<br>S: (2-)24-26-37/39-61  |                     |          |
| 607-617-00-X   | bis(2-ethylhexyl)-4,5-epoxycyclohexane-1,2-dicarboxylate  | 430-700-5 | 10138-36-0 | R43  | Xi<br>R: 43<br>S: (2-)24-37                          |                     |          |
| 607-618-00-5   | menadione sodium bisulfite;<br>2-naphthalenesulfonic acid, 1,2,3,4-tetrahydro-2-methyl-1,4-dioxo-, sodium salt  | 204-987-0 | 130-37-0   | Xi; R36/38<br>N; R50-53                      | Xi; N<br>R: 36/38-50/53<br>S: (2-)24/25-60-61        |                     |          |

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|----------------|---|---|--|---|---|--|----------|
| 607-619-00-0   | menadione nicotinamide bisulfite;<br>1,2,3,4-tetrahydro-2-methyl-1,4-dioxonaphthalene-2-sulfonic acid, compound with nicotin-3-amide (1:1)  | 277-543-7   | 73581-79-0   | Xi; R36/38<br>N; R50-53   | Xi; N<br>R: 36/38-50/53<br>S: (2-)24/25-60-61             |  |          |
| 607-620-00-6   | trisodium nitrilotriacetate   | 225-768-6   | 5064-31-3  | Carc. Cat. 3; R40<br>Xn; R22<br>Xi; R36   | Xn<br>R: 22-36-40<br>S: (2-)26-36/37-46                   | Carc. Cat. 3; R40:<br>C ≥ 5 %  |          |
| 607-621-00-1   | milbemectin (ISO);<br>[reaction mass of milbemycin A3 (CAS No 51596-10-2) and milbemycin A4 (CAS No 51596-11-3) (30:70)]  | —   | —  | Xn; R20/22<br>N; R50-53   | Xn; N<br>R: 20/22-50/53<br>S: (2-)46-60-61                | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 %           |          |
| 607-622-00-7   | 2-ethylhexyl-2-ethylhexanoate   | 231-057-1   | 7425-14-1  | Repr. Cat. 3; R63   | Xn<br>R: 63<br>S: (2-)36/37                               |  |          |
| 607-623-00-2   | diisobutyl phthalate  | 201-553-2   | 84-69-5  | Repr. Cat. 2; R61<br>Repr. Cat. 3; R62  | T<br>R: 61-62<br>S: 53-45                                 | Repr. Cat. 2; R61:<br>C ≥ 25 %<br>Repr. Cat. 3; R62:<br>C ≥ 5 %                                      |          |
| 607-624-00-8   | perfluorooctane sulfonic acid;<br>heptadecafluorooctane-1-sulfonic acid; [1]<br>potassium perfluorooctanesulfonate;<br>potassium heptadecafluorooctane-1-sulfonate; [2]<br>diethanolamine perfluorooctane sulfonate; [3]<br>ammonium perfluorooctane sulfonate;<br>ammonium heptadecafluorooctanesulfonate; [4]<br>lithium perfluorooctane sulfonate;<br>lithium heptadecafluorooctanesulfonate [5] | 217-179-8 [1]<br>220-527-1 [2]<br>274-460-8 [3]<br>249-415-0 [4]<br>249-644-6 [5] | 1763-23-1 [1]<br>2795-39-3 [2]<br>70225-14-8 [3]<br>29081-56-9 [4]<br>29457-72-5 [5] | Carc. Cat. 3; R40<br>Repr. Cat. 2; R61<br>T; R48/25<br>Xn; R20/22<br>R64<br>N; R51-53 | T; N<br>R: 61-20/22-40-48/25-64-51/53<br>S: 53-45-61      |  | E        |
| 607-625-00-3   | clodinafop-propargyl (ISO)  | —   | 105512-06-9  | Xn; R22-48/22<br>R43<br>N; R50-53.  | Xn; N<br>R: 22-43-48/22-50/53<br>S: (2-)24-36/37-46-60-61 | R43: C ≥ 0,001 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 %<br>R52-53: 0,25 % ≤ C < 2,5 % |          |
| 607-626-00-9   | ethyl 1-(2,4-dichlorophenyl)-5-(trichloromethyl)-1H-1,2,4-triazole-3-carboxylate  | 401-290-5   | 103112-35-2  | Carc. Cat.2; R45<br>N; R50-53   | T; N<br>R: 45-50/53<br>S: 53-45-60-61                     |  |          |

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|----------------|---|-----------|-------------|------------------------------------|--|---------------------|----------|
| 607-627-00-4   | [(4S,5S)-4-benzyl-2-oxo-5-oxazolidinyl] methyl 4-nitrobenzenesulfonate  | 416-360-0 | 162221-28-5 | R43                                | Xi<br>R: 43<br>S: (2-)22-24-37                       |                     |          |
| 607-628-00-X   | 4-oxo-4-(p-tolyl)butyric acid adduct with 4-ethylmorpholine   | 419-240-6 | 171054-89-0 | Xi; R41                            | Xi<br>R: 41<br>S: (2-)26-39                          |                     |          |
| 607-629-00-5   | [[2-methyl-1-(1-oxopropoxy)propoxy] (4-phenylbutyl)phosphinyl] acetic acid  | 419-270-1 | 123599-82-6 | Xi; R36                            | Xi<br>R: 36<br>S: (2-)26                             |                     |          |
| 607-630-00-0   | acrylic acid, 3-(trimethoxysilyl)propyl ester   | 419-560-6 | 4369-14-6   | Xn; R20<br>C; R34<br>R43<br>R52-53 | C<br>R: 20-34-43-52/53<br>S: (1/2-)26-36/37/39-45-61 |                     |          |
| 607-631-00-6   | reaction mass of: 2-(2-((oxo(phenyl)acetyl)oxy)ethoxy)ethyl oxo(phenyl)acetate;<br>(2-(2-hydroxyethoxy)ethyl) oxo(phenyl) acetate                       | 442-300-8 | —           | R43                                | Xi<br>R: 43<br>S: (2-)24-37                          |                     |          |
| 607-632-00-1   | N-[3-(2,4-di-(1,1-dimethylpropyl)phenoxy)-propyl]-1-hydroxy-5-(2-methylpropyl-oxycarbonylamino)-naphthamide   | 420-210-1 | 111244-14-5 | R53                                | R: 53<br>S: 61                                       |                     |          |
| 607-633-00-7   | trisodium 5-[[4-chloro-6-(1-naphthylamino)-1,3,5-triazin-2-yl]amino]-4-hydroxy-3-[(E)-(4-methoxy-2-sulfonatophenyl)diazenyl]-2,7-naphthalenedisulfonate | 440-480-2 | 341026-59-3 | Xi; R41<br>R43                     | Xi<br>R: 41-43<br>S: (2-)22-24-26-37/39              |                     |          |
| 607-634-00-2   | (S)-(-)-2-acetoxypionylchloride;<br>(1S)-2-chloro-1-methyl-2-oxoethyl acetate   | 420-610-4 | 36394-75-9  | Xn; R22<br>C; R34<br>R43           | C<br>R: 22-34-43<br>S: (1/2-)23-26-36/37/39-45       |                     |          |
| 607-635-00-8   | trisodium N-(3-propionato)-l-aspartate  | 422-090-4 | 172737-80-3 | Xi; R41                            | Xi<br>R: 41<br>S: (2-)26-39                          |                     |          |

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|----------------|---|-----------|-------------|--|---|---------------------|----------|
| 607-636-00-3   | 1-bromo-2-methylpropyl propionate   | 422-900-6 | 158894-67-8 | R10<br>Carc. Cat.3; R40<br>C; R34<br>R43 | C<br>R: 10-34-40-43<br>S: (1/2-)7/9-8-23-26-36/37/39-45 |                     |          |
| 607-637-00-9   | disodium 8-amino-5-{4-[2-(sulfonatoethoxy)sulfonyl]phenylazo)naphthalene-2-sulfonate  | 423-730-5 | 250688-43-8 | Xi; R41                                  | Xi<br>R: 41<br>S: (2-)26-39                             |                     |          |
| 607-638-00-4   | 2-hydroxybenzoic acid 2-butyloctyl ester  | 431-090-3 | 190085-41-7 | R53                                      | R: 53<br>S: 61  |                     |          |
| 607-639-00-X   | 2-(2-oxo-5-(1,1,3,3-tetramethylbutyl)-2,3-dihydro-1-benzofuran-3-yl)-4-(1,1,3,3-tetramethylbutyl)phenyl acetate   | 431-770-1 | 216698-07-6 | R53                                      | R: 53<br>S: 61  |                     |          |
| 607-641-00-0   | 2-(formylamino)-3-thiophenecarboxylic acid;<br>2-formamido-3-thiophenecarboxylic acid   | 431-930-9 | 43028-69-9  | Xn; R22<br>R43                           | Xn<br>R: 22-43<br>S: (2-)22-24-37                       |                     |          |
| 607-642-00-6   | 3,6,9-trithiaundecamethylene-1,11-dimethacrylate  | 432-210-7 | 141631-22-3 | N; R50-53                                | N<br>R: 50/53<br>S: 60-61                               |                     |          |
| 607-643-00-1   | dimethyl (2S)-2-hydroxysuccinate  | 432-310-0 | 617-55-0    | R10<br>Xi; R41<br>R43                    | Xi<br>R: 10-41-43<br>S: (2-)24-26-37/39-43              |                     |          |
| 607-644-00-7   | methyl 2,2-dimethyl-6-methylenecyclohexanecarboxylate   | 432-350-9 | 81752-87-6  | Xi; R38                                  | Xi<br>R: 38<br>S: (2-)37                                |                     |          |
| 607-645-00-2   | tetrasodium 2-(4-fluoro-6-(methyl-(2-(sulfatoethylsulfonyl)ethyl)amino)-1,3,5-triazin-2-ylamino)-5-hydroxy-6-(4-methyl-2-sulfonatophenylazo)naphthalene-1,7-disulfonate | 432-550-6 | 243858-01-7 | Xi; R41                                  | Xi<br>R: 41<br>S: (2-)22-26-39                          |                     |          |
| 607-646-00-8   | d-erythro-hexanoic acid 2,4-dideoxy-3,5-O-(1-methylethylidene)-1,1-dimethylethylester;<br>tert-butyl 2-[(4R,6S)-6-(hydroxymethyl)-2,2-dimethyl-1,3-dioxan-4-yl]acetate  | 432-960-5 | 124655-09-0 | Xn; R22                                  | Xn<br>R: 22<br>S: (2-)25                                |                     |          |

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|----------------|--|-----------|-------------|--------------------------|--|---------------------|----------|
| 607-647-00-3   | 5-acetoxy-2-(R,S)butyryloxymethyl-1,3-oxathiolane  | 433-530-1 | 143446-73-5 | Xn; R22<br>R43<br>N; R50 | Xn; N<br>R: 22-43-50<br>S: (2-)24-37-57-61   |                     |          |
| 607-649-00-4   | [3-(chlorocarbonyl)-2-methylphenyl]acetate   | 433-690-0 | 167678-46-8 | C; R35<br>R43            | C<br>R: 35-43<br>S: (1/2-)7/8-26-36/37/39-45 |                     |          |
| 607-650-00-X   | 2-methyl-1,5-pentanediamine-1,3-benzenedicarboxylate   | 433-910-5 | 145153-52-2 | R43                      | Xi<br>R: 43<br>S: (2-)24-37                  |                     |          |
| 607-651-00-5   | sodium 2-(nonanoyloxy)benzenesulfonate   | 434-360-9 | 91125-43-8  | Xi; R41<br>R43           | Xi<br>R: 41-43<br>S: (2-)24-26-37/39         |                     |          |
| 607-652-00-0   | ethyl N <sup>2</sup> -dodecanoyl-L-argininate hydrochloride  | 434-630-6 | 60372-77-2  | Xi; R41<br>N; R50        | Xi; N<br>R: 41-50<br>S: (2-)26-39-61         |                     |          |
| 607-653-00-6   | tetrakis(bis(2-hydroxyethyl)methylammonium) 3-(4-(7-acetylamino-1-hydroxy-3-sulfonatophthalen-2-ylazo)-5-methoxy-2-sulfonatophenylazo)-7-(4-amino-3-sulfonatophenylamino)-4-hydroxynaphthalene-2-sulfonate | 434-840-8 | 225786-91-4 | N; R51-53                | N<br>R: 51/53<br>S: 61                       |                     |          |
| 607-654-00-1   | (S)-3-hydroxy-γ-butyrolactone  | 434-990-4 | 7331-52-4   | R43                      | Xi<br>R: 43<br>S: (2-)23-24-37               |                     |          |
| 607-655-00-7   | ethyl 6,8-dichlorooctanoate  | 435-080-1 | 1070-64-0   | R43<br>N; R51-53         | Xi; N<br>R: 43-51/53<br>S: (2-)24-37-61      |                     |          |
| 607-656-00-2   | sodium salt of 4-amino-3,6-bis[[5-[[4-chloro-6-[(2-methyl-4-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]azo]-5-hydroxy-2,7-naphthalenedisulfonic acid                                       | 435-350-7 | 141250-43-3 | Xi; R41<br>R52-53        | Xi<br>R: 41-52/53<br>S: (2-)22-26-39-61      |                     |          |

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|----------------|--|-----------|-------------|----------------------|--|---------------------|----------|
| 607-657-00-8   | pentasodium<br>7-(4-(4-(3-(2-sulfatoethanesulfonyl)<br>phenylamino)-6-(4-(2-sulfatoethanesulfonyl)<br>phenylamino)-1,3,5-triazin-2-ylamino)-<br>2-ureidophenylazo)naphthalene-<br>1,3,6-trisulfonate   | 436-920-8 | 172399-10-9 | Xi; R41              | Xi<br>R: 41<br>S: (2-)22-26-39             |                     |          |
| 607-658-00-3   | 3,10-diamino-6,13-dichloro-2-((6-(((4-<br>(1,1-dimethylethyl)phenyl)sulfonyl)amino)-<br>2-naphthalenyl)sulfonyl)-4,11-<br>triphenodioxazinedisulfonic acid, lithium<br>potassium sodium salt   | 440-770-9 | 371921-63-0 | Xi; R41<br>R52-53    | Xi<br>R: 41-52/53<br>S: (2-)26-39-61       |                     |          |
| 607-659-00-9   | pentasodium N-[5-[[4-[[3-<br>[(aminocarbonyl)amino]-4-<br>[(3,6,8-trisulfonatonaphthalen-2-yl)azo]<br>phenyl]amino]-6-chloro-1,3,5-triazin-2-yl]<br>amino]-2-sulfonato-4-[[4-[[2-<br>(oxysulfonato)ethyl]<br>sulfonyl]phenyl]azo]phenyl]-3-<br>aminopropanoic acid | 442-030-0 | 321912-47-4 | Xi; R41              | Xi<br>R: 41<br>S: (2-)22-26-39             |                     |          |
| 607-660-00-4   | 2-[4-[4-[4-fluoro-6-(2-(2-<br>vinylsulfonylethoxy)ethylamino)-1,3,5-<br>triazin-2-<br>ylamino]phenylazo]phenylazo)naphthalene<br>-4,6,8-trisulfonate, trisodium salt   | 442-230-8 | 321679-52-1 | Xi; R41              | Xi<br>R: 41<br>S: (2-)22-26-39             |                     |          |
| 607-661-00-X   | 1,1-dimethylethyl 4'-<br>(bromomethyl)biphenyl-2-carboxylate   | 442-850-9 | 114772-40-6 | R43<br>R53           | Xi<br>R: 43-53<br>S: (2-)22-24-37-61       |                     |          |
| 607-662-00-5   | methyl 2-(acetylamino)-3-chloropropionate  | 442-860-3 | 87333-22-0  | R43<br>N; R50-53     | Xi; N<br>R: 43-50/53<br>S: (2-)24-37-60-61 |                     |          |
| 607-663-00-0   | bis(2-ethylhexyl) naphthalene-2,6-<br>dicarboxylate  | 442-980-6 | 127474-91-3 | R53                  | R: 53<br>S: 61                             |                     |          |
| 607-664-00-6   | methyl 2-chlorosulfonyl-4-<br>(methanesulfonylaminomethyl) benzoate  | 443-120-2 | 393509-79-0 | Xi; R41<br>N; R51-53 | Xi; N<br>R: 41-51/53<br>S: (2-)26-39-61    |                     |          |
| 607-665-00-1   | <i>trans</i> -methyl-2-ethyl-but-2-enoate  | 443-150-6 | 101226-85-1 | R10                  | R: 10<br>S: 23                             |                     |          |



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|----------------|--|-----------|-------------|---|--|---|----------|
| 607-666-00-7   | (2S)-5-(benzyloxy)-2-(1,3-dioxo-1,3-dihydro-2H-isoindol-2-yl)-5-oxopentanoic acid  | 443-560-5 | 88784-33-2  | Xi; R36                                   | Xi<br>R: 36<br>S: (2-)26                                     |   |          |
| 607-667-00-2   | chloro-1-ethylcyclohexyl carbonate   | 444-950-8 | 99464-83-2  | Muta. Cat.3; R68<br>R43                   | Xn<br>R: 43-68<br>S: (2-)23-36/37                            |   |          |
| 607-668-00-8   | trans-2-isopropyl-5-carboxy-1,3-dioxane  | 445-770-2 | 42031-28-7  | Xi; R41<br>R52-53                         | Xi<br>R: 41-52/53<br>S: (2-)22-26-39-61                      |   |          |
| 607-669-00-3   | methyl (9-acetoxy-3,8,10-triethyl-7,8,10-trimethyl-1,5-dioxo-9-aza-spiro[5.5]undec-3-yl)octadecanoate  | 445-990-9 | 376588-17-9 | R43<br>R53                                | Xi<br>R: 43-53<br>S: (2-)24-37-61                            |   |          |
| 607-670-00-9   | dibutyl-3-(4-(5-ammonio-2-butyl)benzofuran-3-yl)carbonyl)phenoxy)propyl ammonium oxalate;<br>(5-amino-2-butylbenzofuran-3-yl)[4-(3-dibutylaminopropoxy)phenyl]methanone, dioxalate                               | 448-700-9 | 500791-70-8 | Xn; R48/22<br>Xi; R41<br>R43<br>N; R50-53 | Xn; N<br>R: 41-43-48/22-50/53<br>S: (2-)22-26-36/37/39-60-61 | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 % |          |
| 607-671-00-4   | diethyl 1,4-cyclohexanedicarboxylate   | 417-310-0 | 72903-27-6  | N; R51-53                                 | N<br>R: 51/53<br>S: 61                                       |   |          |
| 607-672-00-X   | reaction mass of: 2-hydroxy-3-(methacryloyloxy)propyl (2-benzoyl)benzoate;<br>1-hydroxymethyl-2-(methacryloyloxy)ethyl (2-benzoyl)benzoate;<br>x-hydroxy-y-(methacryloyloxy)propyl(or-ethyl) (2-benzoyl)benzoate | 419-000-0 | —           | R43<br>N; R51-53                          | Xi; N<br>R: 43-51/53<br>S: (2-)24-37-61                      |   |          |
| 607-673-00-5   | 1-ethyl-5,6,7,8-tetrahydroquinolinium tosylate   | 419-570-0 | —           | Xn; R22<br>R52-53                         | Xn<br>R: 22-52/53<br>S: (2-)61                               |   |          |

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|----------------|--|-----------|--------|------------------------------|---|---------------------|----------|
| 607-675-00-6   | reaction mass of: <i>cis</i> -9-octadecenedioic acid;<br><i>cis</i> -9- <i>cis</i> -12-octadecadienedioic acid;<br>hexadecanedioic acid;<br>octadecanedioic acid   | 422-260-8 | —      | Xi; R41<br>N; R50-53         | Xi; N<br>R: 41-50/53<br>S: (2-)26-39-60-61    |                     |          |
| 607-676-00-1   | reaction mass of: 2-methylnonanedioic acid;<br>2,4-dimethyl-4-methoxycarbonylundecanedioic acid;<br>2,4,6-trimethyl-4,6-dimethoxycarbonyltridecanedioic acid;<br>8,9-dimethyl-8,9-dimethoxycarbonylhexadecanedioic acid  | 423-670-1 | —      | Xi; R41<br>R43               | Xi<br>R: 41-43<br>S: (2-)24-26-37/39          |                     |          |
| 607-677-00-7   | 2,5-dioxopyrrolidin-1-yl N-[[methyl[[2-(1-methylethyl)-4-thiazolyl]methyl]amino]carbonyl]-l-valinate   | 424-660-8 | —      | Xn; R48/22<br>Xi; R41<br>R43 | Xn<br>R: 41-43-48/22<br>S: (2-)22-26-36/37/39 |                     |          |
| 607-678-00-2   | reaction mass of: ethyl (2 <i>R</i> ,3 <i>R</i> )-3-isopropylbicyclo[2.2.1]hept-5-ene-2-carboxylate;<br>ethyl (2 <i>S</i> ,3 <i>S</i> )-3-isopropylbicyclo[2.2.1]hept-5-ene-2-carboxylate  | 427-090-8 | —      | R43<br>N; R51-53             | Xi; N<br>R: 43-51/53<br>S: (2-)23-25-36/37-61 |                     |          |
| 607-679-00-8   | reaction mass of: 3-[5-[3-(4-{1,6-dihydro-2-hydroxy-4-methyl-1-[3-(methylammonio)propyl]-6-oxo-3-pyridylazo}benzamido)phenylazo]-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl]propyl(methyl)ammonium di(acetate);<br>3-[5-[4-(3-{1,6-dihydro-2-hydroxy-4-methyl-1-[3-(methylammonio)propyl]-6-oxo-3-pyridylazo}benzamido)phenylazo]-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl]propyl(dimethyl)ammonium di(acetate);<br>3-[5-[3-(4-{1-[3-(dimethylammonio)propyl]-1,6-dihydro-2-hydroxy-4-methyl-6-oxo-3-pyridylazo}benzamido)phenylazo]-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl]propyl(dimethyl)ammonium di(acetate) | 431-440-5 | —      | Xi; R41<br>N; R51-53         | Xi; N<br>R: 41-51/53<br>S: (2-)22-26-39-61    |                     |          |

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|----------------|--|-----------|-------------|--------------------------------------|--|---------------------|----------|
| 607-680-00-3   | <i>tert</i> -butyl(6-{2-[4-(4-fluorophenyl)-6-isopropyl-2-[methyl(methylsulfonyl)amino]pyrimidin-5-yl]vinyl}(4 <i>S</i> ,6 <i>S</i> )-2,2-dimethyl[1,3]dioxan-4-yl)acetate   | 432-810-9 | —           | R53                                  | R: 53<br>S: 61                           |                     |          |
| 607-681-00-9   | reaction mass of: 9-nonyl-10-octyl-19-carbonyloxyhexadecylnonadecanoic acid; 9-nonyl-10-octyl-19-carbonyloxyoctadecylnonadecanoic acid; dihexadecyl 9-nonyl-10-octylnonadecandioate; 1-octadecyl,19-hexadecyl 9-nonyl-10-octylnonadecandioate; dioctadecyl 9-nonyl-10-octylnonadecandioate | 432-910-2 | —           | R53                                  | R: 53<br>S: 61                           |                     |          |
| 607-682-00-4   | complex reaction mass of Chinese gum rosin post reacted with acrylic acid  | 434-230-1 | 144413-22-9 | R53                                  | R: 53<br>S: 61                           |                     |          |
| 607-683-00-X   | reaction mass of: methyl 3-((1 <i>E</i> )-2-methylprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate; methyl 3-((1 <i>Z</i> )-2-methylprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate (20:80)   | 435-450-0 | —           | R43<br>N; R51-53                     | Xi; N<br>R: 43-51/53<br>S: (2-)24-37-61  |                     |          |
| 607-684-00-5   | alkenes, C <sub>12-14</sub> , hydroformylation products, distn. residues, C-(hydrogen sulfobutanedioates), disodium salts  | 435-660-2 | 243662-67-1 | Xi; R38<br>R43                       | Xi<br>R: 38-43<br>S: (2-)24-37           |                     |          |
| 607-685-00-0   | ammonium 2-cocoyloxyethanesulfonate  | 441-050-7 | —           | Xi; R38-41                           | Xi<br>R: 38-41<br>S: (2-)26-37/39        |                     |          |
| 607-686-00-6   | 6,6'-bis(diazo-5,5',6,6'-tetrahydro-5,5'-dioxo)[methylene-bis(5-(6-diazo-5,6-dihydro-5-oxo-1-naphthylsulphonyloxy)-6-methyl-2-phenylene)]di(naphthalene-1-sulfonate)   | 441-550-5 | —           | E; R2<br>F; R11<br>Carc. Cat. 3; R40 | E; Xn<br>R: 2-11-40<br>S: (2-)7-22-36/37 |                     |          |

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|----------------|--|-----------|--------|----------------------|--------------------------------------|---------------------|----------|
| 607-687-00-1   | <p>reaction mass of: 2-{3,6-bis-[(2-ethylphenyl)-methylamino]-xanthylium-9-yl}-benzenesulfonate (2-10 %);</p> <p>2-{3,6-bis-[(2,3-dimethylphenyl)-methylamino]-xanthylium-9-yl}-benzenesulfonate (2-10 %);</p> <p>2-{3,6-bis-[(2,4-dimethylphenyl)-methylamino]-xanthylium-9-yl}-benzenesulfonate (2-10 %);</p> <p>2-{3,6-bis-[(2,5-dimethylphenyl)-methylamino]-xanthylium-9-yl}-benzenesulfonate (2-10 %);</p> <p>2-{3-[(2,3-dimethylphenyl)-methylamino]-6-[(2-ethylphenyl)-methylamino]-xanthylium-9-yl}-benzenesulfonate (7-20 %);</p> <p>2-{3-[(2,4-dimethylphenyl)-methylamino]-6-[(2-ethylphenyl)-methylamino]-xanthylium-9-yl}-benzenesulfonate (7-20 %);</p> <p>2-{3-[(2,5-dimethylphenyl)-methylamino]-6-[(2-ethylphenyl)-methylamino]-xanthylium-9-yl}-benzenesulfonate (7-20 %);</p> <p>2-{3-[(2,3-dimethylphenyl)-methylamino]-6-[(2,4-dimethylphenyl)-methylamino]-xanthylium-9-yl}-benzenesulfonate (7-20 %);</p> <p>2-{3-[(2,3-dimethylphenyl)-methylamino]-6-[(2,5-dimethylphenyl)-methylamino]-xanthylium-9-yl}-benzenesulfonate (7-20 %);</p> <p>2-{3-[(2,4-dimethylphenyl)-methylamino]-6-[(2,5-dimethylphenyl)-methylamino]-xanthylium-9-yl}-benzenesulfonate (7-20 %)</p> | 442-800-6 | —      | Xi; R38<br>N; R51-53 | Xi; N<br>R: 38-51/53<br>S: (2-)37-61 |                     |          |
| 607-688-00-7   | (R)-1-cyclohexa-1,4-dienyl-1-methoxycarbonyl-methylammoniumchloride  | 444-320-2 | —      | Xn; R22              | Xn<br>R: 22<br>S: (2-)               |                     |          |
| 607-689-00-2   | <p>reaction mass of: methyl 1,4-dimethylcyclohexanecarboxylate („para-isomer“ including <i>cis</i>- and <i>trans</i>- isomers);</p> <p>methyl 1,3-dimethylcyclohexanecarboxylate („meta-isomer“ including <i>cis</i>- and <i>trans</i>- isomers)</p>   | 444-920-4 | —      | R52-53               | R: 52/53<br>S: 61                    |                     |          |

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|----------------|---|-----------|-------------|--|---|---------------------|----------|
| 607-690-00-8   | dimethyl[2S,2S']-6,6,6'-tetramethoxy-2,2'-[N,N'-bis(trifluoracetyl)-S,S'-bi(L-homocysteinylyl) diimino]dihexanoate          | 432-860-1 | 255387-46-3 | R43                                    | Xi<br>R: 43<br>S: (2-)24-37                         |                     |          |
| 607-691-00-3   | magnesium salts, fatty acids, C <sub>16-18</sub> and C <sub>18</sub> unsaturated, branched and linear                       | 448-690-6 | —           | R53                                    | R: 53<br>S: 61                                      |                     |          |
| 607-692-00-9   | zinc salts, fatty acids, C <sub>16-18</sub> and C <sub>18</sub> unsaturated, branched and linear                            | 446-470-4 | —           | R53                                    | R: 53<br>S: 61                                      |                     |          |
| 607-693-00-4   | hexyl 2-(1-(diethylaminohydroxyphenyl)methanoyl)benzoate  | 443-860-6 | 302776-68-7 | R53                                    | R: 53<br>S: 61                                      |                     |          |
| 607-694-00-X   | ethyl 5,5-diphenyl-2-isoxazoline-3-carboxylate  | 443-870-0 | 163520-33-0 | Xn; R22<br>R43<br>N; R50-53            | Xn; N<br>R: 22-43-50/53<br>S: (2-)22-36/37-60-61    |                     |          |
| 608-020-00-7   | diphenoxymethylenecyanamide   | 427-300-8 | 79463-77-7  | Xi; R41<br>R52-53                      | Xi<br>R: 41-52/53<br>S: (2-)26-39-61                |                     |          |
| 608-032-00-2   | acetamiprid (ISO); (E)-N <sup>1</sup> -[(6-chloro-3-pyridyl)methyl]-N <sup>2</sup> -cyano-N <sup>1</sup> -methylacetamidine | —         | 135410-20-7 | Xn; R22<br>R52-53                      | Xn<br>R: 22-52/53<br>S: (2-)46-61                   |                     |          |
| 608-042-00-7   | (S)-2,2-diphenyl-2-(3-pyrrolidinyl)acetonitrile hydrobromide  | 421-810-4 | 194602-27-2 | Xn; R22<br>Xi; R41<br>R43<br>N; R51-53 | Xn; N<br>R: 22-41-43-51/53<br>S: (2-)24-26-37/39-61 |                     |          |
| 608-044-00-8   | 2-cyclohexylidene-2-phenylacetonitrile  | 423-740-1 | 10461-98-0  | Xn; R22<br>N; R51-53                   | Xn; N<br>R: 22-51/53<br>S: (2-)46-61                |                     |          |
| 608-046-00-9   | 5-(4-chloro-2-nitro-phenylazo)-1,2-dihydro-6-hydroxy-1,4-dimethyl-2-oxo-pyridine-3-carbonitrile                             | 425-310-7 | 77889-90-8  | R53                                    | R: 53<br>S: 61                                      |                     |          |
| 608-047-00-4   | 2-piperidin-1-yl-benzonitrile   | 427-330-1 | 72752-52-4  | N; R51-53                              | N<br>R: 51/53<br>S: 61                              |                     |          |
| 608-048-00-X   | 1-(3-cyclopentyloxy-4-methoxyphenyl)-4-oxo-cyclohexanecarbonitrile  | 427-450-4 | 152630-47-2 | Xn; R22-48/22<br>R43<br>N; R51-53      | Xn; N<br>R: 22-43-48/22-51/53<br>S: (2-)36/37-61    |                     |          |

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|----------------|---|-----------|-------------|--|---|---|----------|
| 608-049-00-5   | 2-(4-(4-(butyl-(1-methylhexyl)amino)phenyl)-3-cyano-5-oxo-1,5-dihydropyrrol-2-ylidene)propandinitrile   | 429-180-2 | 157362-53-3 | R43<br>N; R50-53                       | Xi; N<br>R: 43-50/53<br>S: (2-)24-37-60-61                    |   |          |
| 608-050-00-0   | reaction mass of: 5-(2-cyano-4-nitrophenylazo)-2-(2-(2-hydroxyethoxy)ethylamino)-4-methyl-6-phenylaminonicotinonitrile;<br>5-(2-cyano-4-nitrophenylazo)-6-(2-(2-hydroxyethoxy)ethylamino)-4-methyl-2-phenylaminonicotinonitrile | 429-760-5 | —           | R53                                    | R: 53<br>S: 61  |   |          |
| 608-051-00-6   | (R)-4-(4-dimethylamino-1-(4-fluorophenyl)-1-hydroxybutyl)-3-(hydroxymethyl)benzonitrile   | 430-760-2 | 219861-18-4 | Xn; R22<br>R43<br>N; R51-53            | Xn; N<br>R: 22-43-51/53<br>S: (2-)36/37-61                    |   |          |
| 608-052-00-1   | (S)-4-(4-dimethylamino-1-(4-fluorophenyl)-1-hydroxybutyl)-3-(hydroxymethyl)benzonitrile   | 430-770-7 | 128173-52-4 | Xn; R22<br>R43<br>N; R51-53            | Xn; N<br>R: 22-43-51/53<br>S: (2-)36/37-61                    |   |          |
| 608-053-00-7   | (R,S)-4-(4-dimethylamino-1-(4-fluorophenyl)-1-hydroxybutyl)-3-(hydroxymethyl)benzonitrile   | 430-780-1 | 103146-25-4 | Xn; R22<br>R43<br>N; R51-53            | Xn; N<br>R: 22-43-51/53<br>S: (2-)36/37-61                    |   |          |
| 608-054-00-2   | (R,S)-4-(4-dimethylamino-1-(4-fluorophenyl)-1-hydroxybutyl)-3-(hydroxymethyl)benzonitrile hemisulfate   | 430-790-6 | —           | Xn; R22<br>Xi; R41<br>R43<br>N; R51-53 | Xn; N<br>R: 22-41-43-51/53<br>S: (2-)22-26-36/37/39-61        |   |          |
| 608-055-00-8   | fipronil (ISO);<br>5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]-1H-pyrazole-3-carbonitrile  | —         | 120068-37-3 | T; R23/24/25-48/25<br>N; R50-53        | T; N<br>R: 23/24/25-48/25-50/53<br>S: (1/2-)28-36/37-45-60-61 | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 % |          |
| 608-056-00-3   | N-methyl-N-cyanomethylmorpholiniummethylsulfate   | 429-340-1 | —           | Xn; R22<br>Xi; R41                     | Xn<br>R: 22-41<br>S: (2-)22-26-39                             |   |          |
| 608-057-00-9   | 4-cyanomethyl-4-methylmorpholin-4-iumhydrogene sulfate  | 431-200-1 | 208538-34-5 | Xn; R22<br>Xi; R41<br>R43              | Xn<br>R: 22-41-43<br>S: (2-)22-24-26-37/39                    |   |          |
| 608-059-00-X   | 5-amino-1-(2,6-dichloro-4-(trifluoromethyl)phenyl)-1H-pyrazole-3-carbonitrile   | 421-240-6 | 120068-79-3 | N; R51-53                              | N<br>R: 51/53<br>S: 22-61                                     |   |          |

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|----------------|--|-----------|-------------|---|--|---------------------|----------|
| 608-060-00-5   | 5-methyl-2-[(2-nitrophenyl)amino]-3-thiophenecarbonitrile  | 421-300-1 | 138564-59-7 | N; R50-53                                     | N<br>R: 50/53<br>S: 22-60-61                                 |                     |          |
| 608-062-00-6   | 2-fluoro-4-hydroxybenzonitrile   | 422-810-7 | 82380-18-5  | Xn; R22<br>Xi; R41<br>N; R51-53               | Xn; N<br>R: 22-41-51/53<br>S: (2-)22-26-39-61                |                     |          |
| 608-063-00-1   | (S)- $\alpha$ -hydroxy-3-phenoxybenzeneacetonitrile  | 441-070-6 | 61826-76-4  | T; R25<br>Xi; R41<br>R43<br>N; R50-53         | T; N<br>R: 25-41-43-50/53<br>S: (1/2-)9-26-36/37/39-45-60-61 |                     |          |
| 608-064-00-7   | cyanomethyltrimethylammoniummethylsulfate  | 433-720-2 | —           | R52-53  | R: 52/53<br>S: 61  |                     |          |
| 609-069-00-7   | musk ketone;<br>3,5-dinitro-2,6-dimethyl-4- <i>tert</i> -butylacetophenone;<br>4'- <i>tert</i> -butyl-2',6'-dimethyl-3',5'-dinitroacetophenone                   | 201-328-9 | 81-14-1     | Carc. Cat. 3; R40<br>N; R50-53                | Xn; N<br>R: 40-50/53<br>S: (2-)36/37-46-60-61                |                     |          |
| 609-072-00-3   | 4-mesyl-2-nitrotoluene   | 430-550-0 | 1671-49-4   | Repr. Cat. 3; R62<br>Xn; R22<br>R43<br>R52-53 | Xn<br>R: 22-43-62-52/53<br>S: (2-)22-36/37-61                |                     |          |
| 609-073-00-9   | lithium potassium sodium N,N'-bis {6-[7-[4-(4-chloro-1,3,5-triazin-2-yl)amino-4-(2-ureidophenylazo)]naphthalene-1,3,6-trisulfonato]}-N'-(2-aminoethyl)piperazine | 427-850-9 | —           | R43   | Xi<br>R: 43<br>S: (2-)22-24-37                               |                     |          |

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|----------------|--|-----------|--------|----------------------|---|---------------------|----------|
| 611-050-00-3   | <p>reaction mass of: pentasodium 7-amino-3-[[4-[[4-[[4-[[4-[[6-amino-1-hydroxy-3-sulfonato-2-naphthyl)azo]-7-sulfonato-1-naphthyl]azo]phenyl]amino]-3-sulfonatophenyl]azo]-6-sulfonato-1-naphthyl]azo]-4-hydroxynaphthalen-2-sulfonate;</p> <p>pentasodium 7-amino-8-[4-[4-[4-(2-amino-5-hydroxy-7-sulfonato-naphthalen-1-ylazo)-7-sulfonatonaphthalen-1-ylazo]-phenylamino]-3-sulfonato-phenylazo]-6-sulfonato-naphthalen-1-ylazo]-4-hydroxy-naphthalene-2-sulfonate;</p> <p>pentasodium 7-amino-8-[4-[4-[4-(6-amino-1-hydroxy-3-sulfonato-naphthalen-1-ylazo)-7-sulfonatonaphthalen-1-ylazo]-phenylamino]-3-sulfonato-phenylazo]-6-sulfonato-naphthalen-1-ylazo]-4-hydroxy-naphthalene-2-sulfonate;</p> <p>tetrasodium 7-amino-4-hydroxy-3-[4-[4-[4-(4-hydroxy-7-sulfonato-naphthalen-1-ylazo)-2-sulfonato-phenylamino]phenylazo]-6-sulfonato-naphthalen-1-ylazo]naphthalene-2-sulfonate;</p> <p>tetrasodium 7-amino-4-hydroxy-3-[4-[4-[4-(4-amino-7-sulfonato-naphthalen-1-ylazo)-2-sulfonato-phenylamino]phenylazo]-6-sulfonato-naphthalen-1-ylazo]naphthalene-2-sulfonate</p> | 415-350-3 | —      | Xi; R41<br>R52-53    | Xi<br>R: 41-52/53<br>S: (2-)22-26-39-61 |                     |          |
| 611-102-00-5   | <p>reaction product of: C.I. Leuco Sulfur Black 1 and reaction mass of: disodium-4-{4-[8-amino-1-hydroxy-7-(4-sulfamoylphenylazo)-3,6-disulfonato-2-naphthylazo]phenylsulfonamino} benzendiazoniumchlorid;</p> <p>disodium-4-{4-[2,6-dihydroxy-3-(8-hydroxy-3,6-disulfonato-1-naphthylazo)phenylazo]phenylsulfonamino}benzen-diazoniumchlorid</p>  | 424-500-7 | —      | R52-53               | R: 52/53<br>S: 61                       |                     |          |
| 611-139-00-7   | <p>reaction product of: C.I. Leuco Sulfur Black 1 with (3-chloro-2-hydroxypropyl)trimethylammonium chloride</p>  | 424-510-1 | —      | Xi; R41<br>N; R51-53 | Xi; N<br>R: 41-51/53<br>S: (2-)26-39-61 |                     |          |



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|----------------|--|-----------|-------------|-------------------|---|---------------------|----------|
| 611-141-00-8   | 5-(4-[4-[4-(3,5-dicarboxy-phenyl-azo)phenylamino]-6-morpholin-4-yl]-1,3,5-triazin-2-ylamino]phenylazo)isophthalic acid, mixed monosodium and diammonium salt   | 414-410-6 | —           | Xi; R41<br>R43    | Xi<br>R: 41-43<br>S: (2-)22-24-26-37/39 |                     |          |
| 611-142-00-3   | product-by-process definition polyazodye-stuff obtained by coupling 4-[4-(1-amino-8-hydroxy-3,6-disulfo-2-naphthylazo)phenylsulfonylamino]benzenediazonium with reaction mass of 4-carboxybenzenediazonium and diphenylamine-3-sulfo-4,4'-bisdiazonium, and further coupling of the obtained compounds with reaction mass of naphth-2-ol and 3-aminophenol, sodium salts; sodium chloride  | 425-740-5 | —           | Xi; R41<br>R52-53 | Xi<br>R: 41-52/53<br>S: (2-)26-39-61    |                     |          |
| 611-143-00-9   | reaction mass of: trisodium 2-(2-[ $\alpha$ -(2-carboxylato- $\kappa$ -O-4-sulfonatophenylazo)benzylidene]hydrazino- $\kappa$ -N')-6-(2,6-difluoropyrimidin-4-ylamino)-4-sulfonatophenolatocuprate (II); trisodium 2-(2-[ $\alpha$ -(2-carboxylato- $\kappa$ -O-4-sulfonatophenylazo)benzylidene]hydrazino- $\kappa$ -N')-6-(4,6-difluoropyrimidin-2-ylamino)-4-sulfonatophenolatocuprate (II)   | 428-260-4 | —           | Xi; R41           | Xi<br>R: 41<br>S: (2-)22-26-39          |                     |          |
| 611-144-00-4   | reaction mass of: 7-amino-3,8-bis-[4-(2-sulfoxyethylsulfonyl)phenylazo]-4-hydroxynaphthalene-2-sulfonic acid, Na/K salt;<br>7-amino-3-[4-(2-sulfoxyethylsulfonyl)phenylazo]-4-hydroxy-8-[4-(2-sulfoxyethylsulfonyl)-2-sulfofenylazo]naphthalene-2-sulfonic acid, Na/K salt;<br>7-amino-8-[4-(2-sulfoxyethylsulfonyl)phenylazo]-4-hydroxy-3-[4-(2-sulfoxyethylsulfonyl)-2-sulfofenylazo]naphthalene-2-sulfonic acid, Na/K salt;<br>7-amino-3,8-bis-[4-(2-sulfoxyethylsulfonyl)-2-sulfofenylazo]-4-hydroxynaphthalene-2-sulfonic acid, Na/K salt | 429-070-4 | 214362-06-8 | Xi; R41           | Xi<br>R: 41<br>S: (2-)22-26-39          |                     |          |

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|----------------|--|-----------|-------------|----------------|---|---------------------|----------|
| 611-145-00-X   | reaction mass of: tetrasodium 3-(1,5-disulfonatonaphthalene-2-ylazo)-4-hydroxy-7-[4-chloro-6-[4-(2-sulfoxyethylsulfonyl)phenylamino]-1,3,5-triazine-2-ylamino]naphthalene-2-sulfonate; 3-(2,5-disulfophenylazo)-4-hydroxy-7-[4-chloro-6-[4-(2-sulfoxyethylsulfonyl)phenylamino]-1,3,5-triazine-2-ylamino]naphthalene-2-sulfonic acid, sodium salt  | 429-440-5 | —           | Xi; R41        | Xi<br>R: 41<br>S: (2-)22-26-39          |                     |          |
| 611-146-00-5   | reaction mass of: pentasodium 3-(4-(4-(7-(2,4-diamino-5-sulfonato-3-(4-sulfonatophenylazo)phenylazo)-1-hydroxy-3-sulfonatophthalen-2-ylazo)-2-sulfonatophenylamino)phenylazo)-4-hydroxy-6-(2-oxo-1-phenylcarbamoylpropylazo)naphthalene-2-sulfonate;<br>pentasodium 6-((2,4-diamino-5-sulfonatophenyl)azo)-3-((4-((4-((7-(2,4-diamino-5-sulfonatophenyl)azo)-1-hydroxy-3-sulfonatophthalen-2-yl)azo)phenyl)amino)-2-sulfonatophenyl)azo)-4-hydroxynaphthalene-2-sulfonate;<br>pentasodium 6-((2,4-diamino-5-sulfonato-3-(4-sulfonatophenyl)azo)phenyl)azo)-3-((4-((4-((1,7-dihydroxy-3-sulfonatophthalen-2-yl)azo)-2-sulfonatophenyl)amino)phenyl)azo)-4-hydroxynaphthalene-2-sulfonate;<br>hexasodium 6-((2,4-diamino-5-sulfonatophenyl)azo)-3-((4-((4-((7-(2,4-diamino-5-sulfonato-3-(4-sulfonatophenyl)azo)phenyl)azo)-1-hydroxy-3-sulfonatophthalen-2-yl)azo)-2-sulfonatophenyl)amino)phenyl)azo)-4-hydroxynaphthalene-2-sulfonate | 430-070-1 | —           | N; R51-53      | N<br>R: 51/53<br>S: 61                  |                     |          |
| 611-147-00-0   | sodium, potassium, lithium 5-amino-3,6-bis(5-(4-chloro-6-(methyl-(2-methylaminoacetyl)amino)-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo)-4-hydroxynaphthalene-2,7-disulfonate   | 430-090-0 | 205764-96-1 | Xi; R41<br>R43 | Xi<br>R: 41-43<br>S: (2-)22-24-26-37/39 |                     |          |

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|----------------|---|--|--|---|---|---------------------|----------|
| 611-148-00-6   | reaction mass of: 2-(3-(2,6-dichloro-4-nitrophenylazo)carbazol-9-yl)ethanol;<br>2-(2-(3-(2,6-dichloro-4-nitro-phenylazo)-carbazol-9-yl)-ethoxy)ethanol;<br>3-(2,6-dichloro-4-nitrophenylazo)carbazol  | 429-590-1  | —  | R43<br>N; R50-53  | Xi; N<br>R: 43-50/53<br>S: (2-)24-37-60-61                      |                     |          |
| 611-149-00-1   | 2-(2-chloroacetoxy)ethyl 3-((4-(2,5-dichloro-4-fluorosulfonylphenylazo)-3-methylphenyl)ethylamino)propionate  | 427-570-7  | 193486-83-8  | N; R51-53   | N<br>R: 51/53<br>S: 61  |                     |          |
| 611-150-00-7   | tetralithium 2-[6-[7-[2-(carboxylato)phenylazo]-8-hydroxy-3,6-disulfonato-1-naphthylamino]-4-hydroxy-1,3,5-triazine-2-ylamino]benzoate  | 440-460-3  | —  | Xi; R36<br>R52-53                                       | Xi<br>R: 36-52/53<br>S: (2-)26-39-61                            |                     |          |
| 611-151-00-2   | chrysoidine;<br>4-(phenylazo)benzene-1,3-diamine  | 207-803-7  | 495-54-5   | Muta. Cat. 3; R68<br>Xn; R22<br>Xi; R38<br>N; R50-53    | Xn; N<br>R: 22-38-68-50/53<br>S: (2-)23-26-36/37-46-60-61       |                     |          |
| 611-152-00-8   | chrysoidine monohydrochloride;<br>4-phenylazophenylene-1,3-diamine monohydrochloride; [1]<br>chrysoidine monoacetate;<br>4-(phenylazo)benzene-1,3-diamine monoacetate; [2]<br>chrysoidine acetate;<br>4-(phenylazo)benzene-1,3-diamine acetate; [3]<br>chrysoidine-p-dodecylbenzenesulfonate;<br>dodecylbenzenesulfonic acid, compound with 4-(phenylazo)benzene-1,3-diamine (1:1); [4]<br>chrysoidine dihydrochloride;<br>4-(phenylazo)benzene-1,3-diamine dihydrochloride; [5]<br>chrysoidine sulfate;<br>bis[4-(phenylazo)benzene-1,3-diamine] sulfate [6] | 208-545-8 [1]<br>278-290-5 [2]<br>279-116-0 [3]<br>264-409-8 [4]<br>281-549-5 [5]<br>282-432-1 [6] | 532-82-1 [1]<br>75660-25-2 [2]<br>79234-33-6 [3]<br>63681-54-9 [4]<br>83968-67-6 [5]<br>84196-22-5 [6] | Muta. Cat. 3; R68<br>Xn; R22<br>Xi; R38-41<br>N; R50-53 | Xn; N<br>R: 22-38-41-68-50/53<br>S: (2-)23-26-36/37/39-46-60-61 |                     |          |

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|----------------|--|--------------------------------|----------------------------------|--|--|---------------------|----------|
| 611-153-00-3   | chrysoidine C <sub>10-14</sub> -alkyl derivatives;<br>benzenesulfonic acid, mono-C <sub>10-14</sub> -alkyl derivatives, compounds with 4-(phenylazo)-1,3-benzenediamine; [1]<br>chrysoidine compound with dibutyl-naphthalene sulfonic acid;<br>dibutyl-naphthalenesulfonic acid, compound with 4-(phenylazo)benzene-1,3-diamine (1:1) [2] | 286-946-7 [1]<br>304-236-8 [2] | 85407-90-5 [1]<br>94247-67-3 [2] | Muta. Cat. 3; R68<br>Xn; R22<br>Xi; R38-41   | Xn<br>R: 22-38-41-68<br>S: (2-)23-26-36/37/39-46               |                     |          |
| 611-154-00-9   | trisodium 5-benzamido-4-hydroxy-3-(4-methyl-2-sulfonatophenylazo)naphthalene-2,7-disulfonate   | 403-670-6                      | 92408-46-3                       | R52-53                                       | R: 52/53<br>S: 61  |                     |          |
| 611-155-00-4   | 4,4'-oxybis(benzenesulfonylazide)  | 431-850-4                      | 7456-68-0                        | E; R3<br>F; R11<br>Xn; R48/22<br>N; R50-53   | E; Xn; N<br>R: 3-11-48/22-50/53<br>S: (2-)14-22-33-35-36-60-61 |                     |          |
| 611-156-00-X   | triammonium 4-[4-[7-(4-carboxylatoanilino)-1-hydroxy-3-sulfonato-2-naphthylazo]-2,5-dimethoxyphenylazo]benzoate  | 432-270-4                      | 221354-37-6                      | Repr. Cat. 3; R62<br>Xn; R48/22<br>N; R51-53 | Xn; N<br>R: 48/22-62-51/53<br>S: (2-)36/37-61                  |                     |          |
| 611-157-00-5   | benzenesulfonic acid, 3,3'-(methylenebis((dihydroxyphenylene)azo))bis-, potassium sodium salt;<br>potassium sodium 3-[(E)-(6-{3,4-dihydroxy-2-[(Z)-(3-sulfonatophenyl)diazenyl]benzyl}-2,3-dihydroxyphenyl)diazenyl]benzenesulfonate   | 432-590-4                      | 243869-48-9                      | Xi; R36<br>R52-53                            | Xi<br>R: 36-52/53<br>S: (2-)26-61                              |                     |          |
| 611-158-00-0   | reaction product of: 2,3,4,2',3',4'-hexahydroxy-5,5'-diacetyl-diphenylmethane and 6-diazo-5,6-dihydro-5-oxo-1-naphthalenesulfonylchloride and 3-diazo-3,4-dihydro-6-methoxy-4-oxo-1-naphthalenesulfonylchloride  | 421-520-8                      | —                                | F; R11<br>R53                                | F<br>R: 11-53<br>S: (2-)3-12-16-33-61                          |                     |          |
| 611-159-00-6   | disodium 4-amino-6-((4-((4-(2,4-diaminophenyl)azo)phenylsulfamoyl)phenyl)azo)-5-hydroxy-3-((4-nitrophenyl)azo)naphthalene-2,7-disulfonate  | 421-880-6                      | —                                | Xi; R41<br>R52-53                            | Xi<br>R: 41-52/53<br>S: (2-)26-39-61                           |                     |          |

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|----------------|---|-----------|--------|---|---|---------------------|----------|
| 611-160-00-1   | reaction mass of: 1,1,1-tris(phenyl-4'-(3"-diazio-3",4"-dihydro-4"-oxo-naphthalene-1"-sulfonato)ethane;<br>1,1,1-tris(phenyl-4'-(6"-diazio-5",6"-dihydro-5"-oxo-naphthalene-1"-sulfonato)ethane;<br>reaction product of 1,1,1-tris(p-hydroxyphenyl)ethane with 6-diazo-5,6-dihydro-5-oxo-1-naphthylsulfonylchloride and 3-diazo-3,4-dihydro-4-oxo-1-naphthylsulfonylchloride (2:1);<br>reaction product of 1,1,1-tris(p-hydroxyphenyl)ethane with 6-diazo-5,6-dihydro-5-oxo-1-naphthylsulfonylchloride and 3-diazo-3,4-dihydro-4-oxo-1-naphthylsulfonylchloride (1:2) | 422-760-6 | —      | F; R11<br>R53                             | F<br>R: 11-53<br>S: (2-)3-12-33-61                        |                     |          |
| 611-161-00-7   | trisodium [1,2'-(2-(8-amino-3,5-disulfonatonaphthalene)azo)-(4'-nitrobenzene)diolato-O,O,N][[(Z)-2,2-((phenylcarbamoylethyl)prop-1-enyl)azo]-5-sulfamoylbenzene)diolato-O,O,N]chromate(III)   | 423-100-1 | —      | Xi; R41                                   | Xi<br>R: 41<br>S: (2-)26-39                               |                     |          |
| 611-162-00-2   | 2,4-bis(((2-(dimethylammonio)ethoxy)carbonyl)phen-2-ylazo)benzene-1,3-diolbis(methanesulfonate)   | 429-600-4 | —      | Xn; R22<br>Xi; R41<br>N; R51-53           | Xn; N<br>R: 22-41-51/53<br>S: (2-)22-26-39-61             |                     |          |
| 611-163-00-8   | 2,4-bis(((2-(dimethylammonio)ethoxy)carbonyl)phen-2-ylazo)benzene-1,3-diol sulfate  | 429-610-9 | —      | Xn; R22<br>Xi; R41<br>N; R51-53           | Xn; N<br>R: 22-41-51/53<br>S: (2-)22-26-39-61             |                     |          |
| 611-164-00-3   | reaction mass of: 2,2'-dimethyl-2,2'-azobutanenitrile;<br>2-methylpentanenitrile-2-azo-2'-(2'-methylpropanenitrile);<br>2,2'-dimethyl-2,2'-azoheptanenitrile;<br>2-methylheptanenitrile-2-azo-2'-(2'-methylpropanenitrile);<br>2-methylheptanenitrile-2-azo-2'-(2'-methylbutanenitrile)   | 429-710-2 | —      | R10<br>R32<br>R44<br>Xn; R22<br>N; R51-53 | Xn; N<br>R: 10-22-32-44-51/53<br>S: (2-)12-15-16-47-51-61 |                     |          |

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|----------------|--|-----------|--------|-------------------|--------------------------------------|---------------------|----------|
| 611-165-00-9   | reaction mass of: tetrasodium 4-amino-6-(5-(2,6-difluoropyrimidin-4-ylamino)-2-sulfonatophenylazo)-5-hydroxy-3-(4-(sulfatoethylsulfonyl)phenylazo)naphthalene-2,7-disulfonate;<br>tetrasodium 4-amino-6-(5-(4,6-difluoropyrimidin-2-ylamino)-2-sulfonatophenylazo)-5-hydroxy-3-(4-(2-sulfatoethylsulfonyl)phenylazo)naphthalene-2,7-disulfonate  | 431-830-5 | —      | R52-53            | R: 52/53<br>S: 61                    |                     |          |
| 611-166-00-4   | reaction mass of: pentasodium 4-amino-5-hydroxy-3-((E)-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo)-6-((E)-2-sulfonato-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo)naphthalene-2,7-disulfonate;<br>tetrasodium 4-amino-5-hydroxy-3-((E)-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo)-6-((E)-2-sulfonato-4-(vinylsulfonyl)phenylazo)naphthalene-2,7-disulfonate;<br>tetrasodium 4-amino-5-hydroxy-6-((E)-2-sulfonato-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo)-3-((E)-4-(vinylsulfonyl)phenylazo)naphthalene-2,7-disulfonate | 432-100-9 | —      | Xi; R41<br>R52-53 | Xi<br>R: 41-52/53<br>S: (2-)26-39-61 |                     |          |
| 611-167-00-X   | sodium bis[tris(2-hydroxyethyl)ammonium][6-anilino-4'-(4,8-disulfonato-2-naphthylazo)-5'-methyl-3-sulfonatophthalene-2-azobenzene-1,2'-diolato]cuprate(II)   | 435-240-9 | —      | R52-53            | R: 52/53<br>S: 61                    |                     |          |
| 611-168-00-5   | reaction mass of: 3-[[4-chloro-6-[[7-[(1,5-disulfo-2-naphthalenyl)azo]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]-5-[[4-chloro-6-[[8-hydroxy-3,6-disulfo-7-[(2-sulfophenyl)azo]-1-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]benzoic acid;<br>3,5-bis[[4-chloro-6-[[7-[(1,5-disulfo-2-naphthalenyl)azo]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]benzoic acid   | 435-440-6 | —      | Xi; R41           | Xi<br>R: 41<br>S: (2-)22-26-39       |                     |          |
| 611-169-00-0   | sodium 5-(2-carboxyphenylazo)-6-hydroxynaphthalene-2-sulfonate   | 435-800-2 | —      | R52-53            | R: 52/53<br>S: 61                    |                     |          |

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|----------------|---|-----------|--------|---|--|---------------------|----------|
| 611-170-00-6   | reaction mass of: trisodium 2-((1-(2-hydroxy-κ-O-5-(2-sulfonatoethansulfonyl)phenylazo-κ-N <sup>2</sup> )-1-phenylmethyl)azo-κ-N <sup>1</sup> )-4-sulfonatobenzoate(5-)-κ-O)cuprate(II); disodium 2-((1-(5-ethenesulfonyl-2-hydroxy-κ-O-phenylazo-κ-N <sup>2</sup> )-1-phenylmethyl)azo-κ-N <sup>1</sup> )-4-sulfonatobenzoate-κ-O-(5-))cuprate(II)   | 435-880-9 | —      | R52-53  | R: 52/53<br>S: 22-61                                     |                     |          |
| 611-171-00-1   | reaction mass of: trisodium 3-(5-(2,6-difluoropyrimidin-4-ylamino)-2-sulfonatophenylazo)-5-(4-fluoro-6-morpholin-4-yl-1,3,5-triazin-2-ylamino)-4-hydroxy-2,7-naphthalenedisulfonate; trisodium 3-(5-(4,6-difluoropyrimidin-2-ylamino)-2-sulfonatophenylazo)-5-(4-fluoro-6-morpholin-4-yl-1,3,5-triazin-2-ylamino)-4-hydroxy-2,7-naphthalenedisulfonate  | 436-890-6 | —      | Xi; R41<br>R52-53                                     | Xi<br>R: 41-52/53<br>S: (2-)22-26-39-61                  |                     |          |
| 611-172-00-7   | reaction mass of: triammonium 6-amino-3-((2,5-diethoxy-4-(3-phosphonophenyl)azo)phenyl)azo-4-hydroxy-2-naphthalenesulfonate; diammonium 3-((4-((7-amino-1-hydroxy-3-sulfo-naphthalen-2-yl)azo)-2,5-diethoxyphenyl)azo)benzoate  | 438-310-7 | —      | E; R2<br>Repr. Cat. 3; R62<br>Xn; R22-48/22<br>R52-53 | E; Xn<br>R: 2-22-48/22-62-52/53<br>S: (2-)22-35-36/37-61 |                     |          |
| 611-173-00-2   | reaction mass of: 3-[3-carbamoyl-5-(5-{4-chloro-6-[4-(2-sulfonatooxyethylsulfonyl)anilino]-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo)-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl]propanoic acid, trisodium salt; 3-[3-carbamoyl-5-(5-{4-chloro-6-[4-(vinylsulfonyl)anilino]-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo)-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl]propanoic acid, disodium salt | 440-510-4 | —      | Xi; R41<br>R43  | Xi<br>R: 41-43<br>S: (2-)22-26-36/37/39                  |                     |          |

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|----------------|--|-----------|-------------|------------------------------|---|---------------------|----------|
| 611-174-00-8   | reaction mass of: 3-[5-(4-ethenesulfonylbutyrylamino)-2-sulfophenylazo]-5-[4-chloro-[6-(4-(3-amino-5-hydroxy-2,7-disulfonaphthalene-4-ylazo)-3-sulfophenylamino)-1,3,5-triazin-2-ylamino]-4-hydroxynaphthalene-2,7-disulfonic acid, sodium salt;<br>3-[5-(4-(2-chloroethanesulfonyl)butyrylamino)-2-sulfophenylazo]-5-[4-chloro-[6-(4-(3-amino-5-hydroxy-2,7-disulfonaphthalene-4-ylazo)-3-sulfophenylamino)-1,3,5-triazin-2-ylamino]-4-hydroxynaphthalene-2,7-disulfonic acid, sodium salt  | 442-290-5 | 457624-86-1 | Xi; R41                      | Xi<br>R: 41<br>S: (2-)22-26-39          |                     |          |
| 611-175-00-3   | reaction mass of: trisodium 5-{4-chloro-6-[N-ethyl-(3-(2-sulfonatooxy)ethylsulfonyl)anilino]-1,3,5-triazin-2-ylamino}-4-hydroxy-3-[4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate;<br>trisodium 5-{4-chloro-6-[N-ethyl-3-(vinylsulfonyl)anilino]-1,3,5-triazin-2-ylamino}-4-hydroxy-3-[4-(2-(sulfonatooxy)ethylsulfonyl)phenylazo]naphthalene-2,7-disulfonate;<br>disodium 5-{4-chloro-6-[N-ethyl-3-(vinylsulfonyl)anilino]-1,3,5-triazin-2-ylamino}-4-hydroxy-3-[(4-vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate;<br>tetrasodium 5-{4-chloro-6-[N-ethyl-3-(2-(sulfonatooxy)ethylsulfonyl)anilino]-1,3,5-triazin-2-ylamino}-3-[4-(2-(sulfonatooxy)ethylsulfonyl)phenylazo]-4-hydroxynaphthalene-2,7-disulfonate | 444-050-5 | —           | Xi; R41<br>R52-53            | Xi<br>R: 41-52/53<br>S: (2-)22-26-39-61 |                     |          |
| 611-176-00-9   | 2,6-bis(2,3,4-trihydroxybenzyl)-p-cresol ester with 6-diazo-5,6-dihydro-5-oxo-1-naphthalenesulfonate   | 444-250-2 | —           | E; R2<br>F; R11<br>N; R51-53 | E; N<br>R: 2-11-51/53<br>S: (2-)22-61   |                     |          |



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|----------------|--|-----------|-------------|---|---|---------------------|----------|
| 611-177-00-4   | <p>reaction mass of: pentasodium bis[6-anilino-3,5'-disulfonatonaphthalene-2-azobenzene-1,2'-diolato]cobaltate(III);</p> <p>tetrasodium [6-anilino-3,5'-disulfonatonaphthalene-2-azobenzene-1,2'-diolato][6-anilino-5'-sulfamoyl-3-sulfonatonaphthalene-2-azobenzene-1,2'-diolato]cobaltate(III);</p> <p>trisodium bis[6-anilino-5'-sulfamoyl-3-sulfonatonaphthalene-2-azobenzene-1,2'-diolato]cobaltate(III)</p>  | 444-290-0 | 508202-43-5 | <p>Xi; R41</p> <p>R43</p> <p>R52-53</p> | <p>Xi</p> <p>R: 41-43-52/53</p> <p>S: (2-)22-24-26-37/39-61</p> |                     |          |
| 611-178-00-X   | <p>reaction mass of: pentasodium 4-amino-5-hydroxy-3-((E)-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo)-6-((E)-2-sulfonato-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo)naphthalene-2,7-disulfonate;</p> <p>tetrasodium 4-amino-5-hydroxy-3-((E)-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo)-6-((E)-2-sulfonato-4-(vinylsulfonyl)phenylazo)naphthalene-2,7-disulfonate;</p> <p>tetrasodium 4-amino-5-hydroxy-6-((E)-2-sulfonato-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo)-3-((E)-4-(vinylsulfonyl)phenylazo)naphthalene-2,7-disulfonate;</p> <p>trisodium 4-amino-5-hydroxy-3-((E)-4-(vinylsulfonyl)phenylazo)-6-((E)-2-sulfonato-4-(vinylsulfonyl)phenylazo)naphthalene-2,7-disulfonate;</p> <p>trisodium 4-amino-5-hydroxy-3-[(2-hydroxyethylsulfonyl)-phenylazo]-6-((E)-2-sulfonato-4-(vinylsulfonyl)phenylazo)naphthalene-2,7-disulfonate;</p> <p>trisodium 4-amino-5-hydroxy-3-((E)-4-(vinylsulfonyl)phenylazo)-6-[-2-sulfonato-4-(2-hydroxyethylsulfonyl)phenylazo]naphthalene-2,7-disulfonate</p> | 445-280-9 | —           | <p>Xi; R41</p> <p>R43</p> <p>R52-53</p> | <p>Xi</p> <p>R: 41-43-52/53</p> <p>S: (2-)24-26-37/39-61</p>    |                     |          |

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|----------------|---|-----------|-----------|---|--|---------------------|----------|
| 611-179-00-5   | reaction mass of: pentasodium 2-[[[8-[[4-chloro-6-[[4-(2-sulfonatoethylsulfonyl)]phenyl]amino]-1,3,5-triazin-2-yl]amino]-1-hydroxy-3,6-disulfonato-2-naphthalenyl]azo]naphthalene-1,5-disulfonate;<br>2-[[[8-[[4-chloro-6-[[4-[[2-ethenyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-1-hydroxy-3,6-disulfonato-2-naphthalenyl]azo]naphthalene-1,5-disulfonate | 450-010-8 | —         | Xi; R41<br>R43  | Xi<br>R: 41-43<br>S: (2-)22-24-26-37/39                                      |                     |          |
| 611-180-00-0   | iron, complexes with diazotised 4-aminobenzenesulfonamide, diazotised 3-aminobenzenesulfonic acid, diazotised 3-amino-4-hydroxybenzenesulfonamide, diazotised 3-amino-4-hydroxy-N-phenylbenzenesulfonamide, diazotised 5-amino-2-(phenylamino)benzenesulfonic acid and resorcinol, sodium salts   | 417-850-7 | —         | N; R51-53   | N<br>R: 51/53<br>S: 22-61  |                     |          |
| 612-057-01-1   | piperazine;<br>[liquid]   | 203-808-3 | 110-85-0  | Repr. Cat. 3; R62-63<br>C; R34<br>R42/43                                      | Xn; C<br>R: 34-42/43-62-63<br>S: (1/2-)23-26-36/37/39-45                     |                     |          |
| 612-122-01-4   | hydroxylamine ... % [ $\leq 55$ % in aqueous solution]  | 232-259-2 | 7803-49-8 | R5<br>Carc. Cat. 3; R40<br>Xn; R21/22-48/22<br>Xi; R37/38-41<br>R43<br>N; R50 | Xn; N<br>R: 5-21/22-37/38-40-41-43-48/22-50<br>S: (2-)26-36/37/39-46-61      |                     | B        |
| 612-169-00-3   | bis(N-methyl-N-phenylhydrazine)sulfate  | 423-170-1 | 618-26-8  | F; R11<br>T; R48/25<br>Xn; R22<br>Xi; R41<br>R43<br>N; R50-53                 | F; T; N<br>R: 11-22-41-43-48/25-50/53<br>S: (1/2-)22-26-33-36/37/39-45-60-61 |                     |          |
| 612-203-00-7   | C <sub>8-10</sub> alkyl dimethyl hydroxyethyl ammoniumchloride (chain < C <sub>8</sub> : <3 %, chain = C <sub>8</sub> : 15 %-70 %, chain = C <sub>10</sub> : 30 %-85 %, chain > C <sub>10</sub> : <3 %)   | 417-360-3 | —         | Xn; R21/22<br>Xi; R38   | Xn<br>R: 21/22-38<br>S: (2-)25-36/37   |                     |          |

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|----------------|---|-----------|-------------|--|--|---------------------|----------|
| 612-208-00-4   | N-methylbenzene-1,2-diammonium hydrogen phosphate   | 424-460-0 | —           | Xn; R22<br>R43<br>N; R51-53                    | Xn; N<br>R: 22-43-51/53<br>S: (2-)22-25-36/37-61                 |                     |          |
| 612-216-00-8   | 1-amino-1-cyanamino-2,2-dicyanoethylene, sodium salt  | 425-870-2 | 19450-38-5  | R43<br>R52-53                                  | Xi<br>R: 43-52/53<br>S: (2-)24-37-61                             |                     |          |
| 612-219-00-4   | (2-hydroxy-3-(3,4-dimethyl-9-oxo-10-thiaanthracen-2-yloxy)propyl)trimethylammonium chloride | 402-200-7 | —           | R52-53   | R: 52/53<br>S: 61  |                     |          |
| 612-220-00-X   | N-nitro-N-(3-methyl-3,6-dihydro-2H-1,3,5-oxadiazin-4-yl)amine                               | 431-060-1 | 153719-38-1 | Xn; R22<br>R43<br>R52-53                       | Xn<br>R: 22-43-52/53<br>S: (2-)22-24-37-61                       |                     |          |
| 612-221-00-5   | 2-amino-4-(trifluoromethyl)benzenethiol hydrochloride                                       | 429-560-8 | 4274-38-8   | C; R34<br>Xn; R20/21/22-48/22<br>R43<br>N; R50 | C; N<br>R: 20/21/22-34-43-48/22-50<br>S: (1/2-)26-36/37/39-45-61 |                     |          |
| 612-222-00-0   | cis-1-(3-(4-fluorophenoxy)propyl)-3-methoxy-4-piperidinamine                                | 425-080-8 | 104860-26-6 | Xn; R21/22-48/22<br>Xi; R41<br>N; R50-53       | Xn; N<br>R: 21/22-41-48/22-50/53<br>S: (2-)26-36/37/39-60-61     |                     |          |
| 612-223-00-6   | N-benzyl-N-ethyl-(4-(5-nitrobenzo[c]isothiazol-3-ylazo)phenyl)amine                         | 425-300-2 | 186450-73-7 | R43<br>R53                                     | Xi<br>R: 43-53<br>S: (2-)22-24-37-61                             |                     |          |
| 612-224-00-1   | N2,N4,N6-tris{4-[(1,4-dimethylpentyl)amino]phenyl}-1,3,5-triazine-2,4,6-triamine            | 426-150-0 | 121246-28-4 | R43<br>N; R50-53                               | Xi; N<br>R: 43-50/53<br>S: (2-)24-37-60-61                       |                     |          |
| 612-225-00-7   | 1,4,7,10-tetraazacyclododecane  | 425-450-9 | 294-90-6    | C; R34<br>Xn; R21/22<br>N; R50-53              | C; N<br>R: 21/22-34-50/53<br>S: (1/2-)22-26-36/37/39-45-60-61    |                     |          |
| 612-226-00-2   | 3-(2'-phenoxyethoxy)propylamine   | 427-870-8 | 6903-18-0   | Xn; R22<br>Xi; R38-41<br>R52-53                | Xn<br>R: 22-38-41-52/53<br>S: (2-)23-26-37/39-61                 |                     |          |
| 612-227-00-8   | benzyl-N-(2-(2-methoxyphenoxy)ethyl)amine hydrochloride                                     | 428-290-8 | 120606-08-8 | Xn; R22<br>Xi; R41<br>N; R50-53                | Xn; N<br>R: 22-41-50/53<br>S: (2-)22-26-39-60-61                 |                     |          |

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|----------------|---|--|--|---|---|---------------------|----------|
| 612-228-00-3   | reaction mass of: N-(3-(trimethoxysilyl)propyl)ethylenediamine;<br>N-benzyl-N-(3-(trimethoxysilyl)propyl)ethylenediamine;<br>N-benzyl-N'-[3-(trimethoxysilyl)propyl]ethylenediamine;<br>N,N'-bis-benzyl-N'-[3-(trimethoxysilyl)propyl]ethylenediamine;<br>N,N,N'-tris-benzyl-N'-[3-(trimethoxysilyl)propyl]ethylenediamine;<br>N,N-bis-benzyl-N'-[3-(trimethoxysilyl)propyl]ethylenediamine | 414-340-6  | —  | R10<br>Xn; R20/21/22-68/20/21/22<br>Xi; R41<br>R43<br>R52-53                  | Xn<br>R: 10-20/21/22-41-43-68/20/21/22-52/53<br>S: (2-)26-36/37/39-61 |                     |          |
| 612-229-00-9   | mepanipyrim;<br>4-methyl-N-phenyl-6-(1-propynyl)-2-pyrimidinamine   | —  | 110235-47-7  | Carc. Cat. 3; R40<br>N; R50-53  | Xn; N<br>R: 40-50/53<br>S: (2-)36/37-46-60-61                         |                     |          |
| 612-230-00-4   | N,N-bis(cocoyl-2-oxypropyl)-N,N-dibutylammonium bromide   | 431-530-4  | —  | C; R35<br>R43<br>N; R50-53  | C; N<br>R: 35-43-50/53<br>S: (1/2-)26-28-36/37/39-45-60-61            |                     |          |
| 612-231-00-X   | 3-((C <sub>12-18</sub> )-acylamino)-N-(2-((2-hydroxyethyl)amino)-2-oxoethyl)-N,N-dimethyl-1-propanaminium chloride  | 427-370-1  | 164288-56-6  | Xi; R41<br>N; R50-53  | Xi; N<br>R: 41-50/53<br>S: (2-)26-39-60-61                            |                     |          |
| 612-232-00-5   | reaction mass of: triisopropanolamine salt of 1-amino-4-(3-propionamidoanilino)anthraquinone-2-sulfonic acid;<br>triisopropanolamine salt of 1-amino-4-[3,4-dimethyl-5-(2-hydroxyethylaminosulfonyl)anilino]anthraquinone-2-sulfonic acid   | 430-410-9  | 186148-38-9  | R52-53  | R: 52/53<br>S: 61   |                     |          |
| 612-237-00-2   | hydroxylammonium hydrogensulfate;<br>hydroxylamine sulfate(1:1); [1]<br>hydroxylamine phosphate; [2]<br>hydroxylamine dihydrogenphosphate; [3]<br>hydroxylamine 4-methylbenzenesulfonate [4]  | 233-154-4 [1]<br>244-077-0 [2]<br>242-818-2 [3]<br>258-872-5 [4] | 10046-00-1 [1]<br>20845-01-6 [2]<br>19098-16-9 [3]<br>53933-48-5 [4] | E; R2<br>Carc. Cat. 3; R40<br>Xn; R21/22-48/22<br>Xi; R36/38<br>R43<br>N; R50 | E; Xn; N<br>R: 2-21/22-36/38-40-43-48/22-50<br>S: (2-)36/37-61        |                     | T        |
| 612-238-00-8   | (3-chloro-2-hydroxypropyl) trimethylammonium chloride ... %   | 222-048-3  | 3327-22-8  | Carc. Cat. 3, R40<br>R52-53   | Xn<br>R: 40-52/53<br>S: 36/37-61                                      |                     | B        |

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|----------------|--|---|--|--|--|---|----------|
| 612-239-00-3   | biphenyl-3,3',4,4'-tetrayltetraamine;<br>diaminobenzidine  | 202-110-6                                       | 91-95-2  | Carc. Cat. 2; R45<br>Muta. Cat. 3; R68                                   | T<br>R: 45-68<br>S: 53-45  |   |          |
| 612-240-00-9   | pyrimethanil (ISO);<br>N-(4,6-dimethylpyrimidin-2-yl)aniline   | —   | 53112-28-0                                     | N; R51-53  | N<br>R: 51/53<br>S: 61   |   |          |
| 612-241-00-4   | piperazine hydrochloride; [1]<br>piperazine dihydrochloride; [2]<br>piperazine phosphate [3]                   | 228-042-7 [1]<br>205-551-2 [2]<br>217-775-8 [3] | 6094-40-2 [1]<br>142-64-3 [2]<br>1951-97-9 [3] | Repr. Cat. 3; R62-63<br>Xi; R36/38<br>R42/43<br>R52-53                   | Xn<br>R: 36/38-42/43-62-63-<br>52/53<br>S: (1/2-)22-36/37-45-<br>63-61         |   |          |
| 612-242-00-X   | cyprodinil (ISO);<br>4-cyclopropyl-6-methyl-N-<br>phenylpyrimidin-2-amine                                      | —   | 121552-61-2                                    | R43<br>N; R50-53   | Xi; N<br>R: 43-50/53<br>S: (2-)24-37-46-60-61                                  | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤<br>C < 2,5 %<br>R52-53: 0,025 % ≤<br>C < 0,25 % |          |
| 612-243-00-5   | (1S-cis)-4-(3,4-dichlorophenyl)-1,2,3,4-<br>tetrahydro-N-methyl-1-naphthalenamine<br>2-hydroxy-2-phenylacetate | 420-560-3                                       | 79617-97-3                                     | Xi; R41<br>N; R50-53   | Xi; N<br>R: 41-50/53<br>S: (2-)26-39-60-61                                     | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤<br>C < 2,5 %<br>R52-53: 0,025 % ≤<br>C < 0,25 % |          |
| 612-244-00-0   | 3-(piperazin-1-yl)-benzo[d]isothiazole hy-<br>drochloride  | 421-310-6                                       | 87691-88-1                                     | Repr. Cat. 3; R62<br>Xn; R22<br>Xi; R36<br>R43<br>N; R50-53              | Xn; N<br>R: 22-36-43-62-50/53<br>S: (2-)22-26-36/37/39-<br>60-61               |   |          |
| 612-245-00-6   | 2-ethylphenylhydrazine hydrochloride   | 421-460-2                                       | 19398-06-2                                     | Carc. Cat. 3; R40<br>T; R48/25<br>Xn; R22<br>Xi; R41<br>R43<br>N; R50-53 | T; N<br>R: 22-40-41-43-48/25-<br>50/53<br>S: (1/2-)22-26-<br>36/37/39-45-60-61 | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤<br>C < 2,5 %<br>R52-53: 0,025 % ≤<br>C < 0,25 % |          |
| 612-246-00-1   | (2-chloroethyl)(3-hydroxypropyl)<br>ammonium chloride  | 429-740-6                                       | 40722-80-3                                     | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Xn; R48/22<br>R43<br>R52-53    | T<br>R: 45-46-43-48/22-<br>52/53<br>S: 53-45-61                                |   | E        |

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|----------------|--|-----------|-------------|---|--|---------------------|----------|
| 612-247-00-7   | N-[3-(1,1-dimethylethyl)-1H-pyrazol-5-yl]-N'-hydroxy-4-nitrobenzenecarboximidamide                                 | 423-530-8 | 152828-23-4 | T; R48/25<br>Xn; R22<br>R52-53  | T<br>R: 22-48/25-52/53<br>S: (1/2-)22-36-45-61                   |                     |          |
| 612-248-00-2   | reaction product of diphenylamine, phenothiazine, and alkenes, branched (C <sub>8-10</sub> , C <sub>9</sub> -rich) | 439-540-0 | —           | Xi; R38<br>R43<br>R53   | Xi<br>R: 38-43-53<br>S: (2-)24-37-61                             |                     |          |
| 612-249-00-8   | 4-[(3-chlorophenyl)(1H-imidazol-1-yl)methyl]-1,2-benzenediamine dihydrochloride                                    | 425-030-5 | 159939-85-2 | Repr. Cat. 3; R62<br>Xn; R22<br>C; R34<br>R43<br>N; R51-53            | C; N<br>R: 22-34-43-62-51/53<br>S: (1/2-)22-26-36/37/39-45-61    |                     |          |
| 612-250-00-3   | chloro-N,N-dimethylformiminium chloride  | 425-970-6 | 3724-43-4   | R14<br>Repr. Cat. 2; R61<br>Xn; R22<br>C; R35                         | T; C<br>R: 61-14-22-35<br>S: 53-45                               |                     | E        |
| 612-251-00-9   | cis-1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride   | 426-020-3 | 51229-78-8  | F; R11<br>Repr. Cat. 3; R63<br>Xn; R22<br>Xi; R38<br>R43<br>N; R51-53 | F; Xn; N<br>R: 11-22-38-43-63-51/53<br>S: (2-)7-22-33-36/37-61   |                     |          |
| 612-252-00-4   | imidacloprid (ISO);<br>1-(6-chloropyridin-3-ylmethyl)-N-nitroimidazolidin-2-ylidenamine                            | 428-040-8 | 138261-41-3 | Xn; R22<br>N; R50-53  | Xn; N<br>R: 22-50/53<br>S: (2-)22-57-60-61                       |                     |          |
| 612-253-00-X   | 7-methoxy-6-(3-morpholin-4-yl-propoxy)-3H-quinazolin-4-one;<br>[containing < 0,5 % formamide (EC No 200-842-0)]    | 429-400-7 | 199327-61-2 | R52-53  | R: R52/53<br>S: 61   |                     |          |
| 612-253-01-7   | 7-methoxy-6-(3-morpholin-4-yl-propoxy)-3H-quinazolin-4-one;<br>[containing ≥ 0,5 % formamide (EC No 200-842-0)]    | 429-400-7 | 199327-61-2 | Repr. Cat. 2; R61<br>R52-53   | T<br>R: 61-52/53<br>S: 53-45-61                                  |                     |          |
| 612-254-00-5   | reaction products of diisopropanolamine with formaldehyde (1:4)  | 432-440-8 | 220444-73-5 | Carc. Cat. 3; R40<br>Xn; R22<br>C; R34<br>R43<br>N; R51-53            | C; N<br>R: 22-34-40-43-51/53<br>S: (1/2-)13-25-26-36/37/39-45-61 |                     |          |

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|----------------|---|-----------|-------------|---|--|---|----------|
| 612-255-00-0   | 1-(3-methoxypropyl)-4-piperidinamine  | 431-950-8 | 179474-79-4 | Xn; R21/22<br>C; R34<br>R52-53                  | C<br>R: 21/22-34-52/53<br>S: (1/2-)26-36/37/39-45-61   |   |          |
| 612-256-00-6   | benzyl(S)-2-[(2'-cyanobiphenyl-4-ylmethyl)pentanoylamino]-3-methylbutyrate  | 427-470-3 | 137864-22-3 | Xn; R22<br>R43                                  | Xn<br>R: 22-43<br>S: (2-)36/37                         |   |          |
| 612-257-00-1   | tripropylammonium dihydrogenphosphate   | 433-700-3 | 35687-90-2  | Xn; R22   | Xn<br>R: 22<br>S: (2-)22                               |   |          |
| 612-259-00-2   | N-ethyl-3-trimethoxysilyl-2-methylpropanamine   | 437-720-3 | 227085-51-0 | Xi; R41   | Xi<br>R: 41<br>S: (2-)26-39                            |   |          |
| 612-261-00-3   | 3,5-dichloro-2-fluoro-4-(1,1,2,3,3,3-hexafluoropropoxy)aniline  | 441-190-9 | 121451-05-6 | Xn; R22<br>R43<br>N; R50-53                     | Xn; N<br>R: 22-43-50/53<br>S: (2-)24-37-60-61          | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 % |          |
| 612-265-00-5   | bis(2-hydroxyethyl)-(2-hydroxypropyl)ammonium acetate   | 444-360-0 | 191617-13-7 | R52-53  | R: 52/53<br>S: 61                                      |   |          |
| 612-266-00-0   | 3-chloro-4-(3-fluorobenzyloxy)aniline   | 445-590-4 | 202197-26-0 | Muta. Cat. 3; R68<br>Xn; R22-48/22<br>N; R50-53 | Xn; N<br>R: 22-48/22-68-50/53<br>S: (2-)22-36/37-60-61 |   |          |
| 612-267-00-6   | bis(hydrogenated tallow C <sub>16-18</sub> -alkyl)hydroxylamine   | 418-370-0 | —           | R43<br>R53                                      | Xi<br>R: 43-53<br>S: (2-)36/37-61                      |   |          |
| 612-269-00-7   | reaction mass of: 1-[di(4-octylphenyl)aminomethyl]-5-methyl-1H-benzotriazole;<br>1-[di(4-octylphenyl)aminomethyl]-4-methyl-1H-benzotriazole;<br>reaction mass of: N-[(5-methyl-1H-benzotriazol-1-yl)methyl]-4-octyl-N-(4-octylphenyl)aniline;<br>N-[(4-methyl-1H-benzotriazol-1-yl)methyl]-4-octyl-N-(4-octylphenyl)aniline | 420-720-2 | —           | R53   | R: 53<br>S: 22-61                                      |   |          |
| 612-270-00-2   | (S)-azetidine-2-carboxylic acid 4-cyanobenzylamide hydrochloride  | 433-010-2 | —           | Xn; R22<br>R43<br>R52-53                        | Xn<br>R: 22-43-52/53<br>S: (2-)22-36/37-61             |   |          |

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|----------------|--|-----------|-------------|-------------------------------------|---|---|----------|
| 612-271-00-8   | reaction mass of: ethyl 2-((4-(5,6-dichlorobenzothiazol-2-ylazo)phenyl)ethylamino)benzoate; ethyl 2-((4-(6,7-dichlorobenzothiazol-2-ylazo)phenyl)ethylamino)benzoate   | 434-970-5 | 160987-57-5 | R53                                 | R: 53<br>S: 61  |   |          |
| 612-272-00-3   | ammonium (η-6-2-(2-(1,2-dicarboxylatoethylamino)ethylamino)butane-1,4-dioato(4-))iron(3+) monohydrate  | 435-210-5 | —           | N; R51-53                           | N<br>R: 51/53<br>S: 61                                    |   |          |
| 612-273-00-9   | alkyl(rapeseed oil), bis(2-hydroxyethyl)ammonium fluoride  | 435-650-8 | —           | Xn; R22<br>C; R35<br>N; R50-53      | C; N<br>R: 22-35-50/53<br>S: (1/2-)26-36/37/39-45-60-61   |   |          |
| 612-274-00-4   | (R,S)-1-[2-amino-1(4-methoxyphenyl)ethyl]cyclohexanol acetate  | 445-750-3 | —           | Xn; R22<br>Xi; R41<br>R43<br>R52-53 | Xn<br>R: 22-41-43-52/53<br>S: (2-)22-24-26-37/39-61       |   |          |
| 612-275-00-X   | fatty acids, C <sub>18</sub> -unsatd., dimers, reaction products with 1-piperazineethanamine and tall oil  | 447-880-6 | 206565-89-1 | Xi; R38-41<br>R43<br>N; R50-53      | Xi; N<br>R: 38-41-43-50/53<br>S: (2-)23-26-36/37/39-60-61 | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 % |          |
| 612-276-00-5   | 1-amino-4-[(4-amino-2-sulfofenyl)amino]-9,10-dihydro-9,10-dioxo-2-anthracenesulfonic acid, disodium salt, reaction products with 2-[[3-[(4,6-dichloro-1,3,5-triazin-2-yl)ethylamino]phenyl]sulfonyl]ethyl hydrogen sulfate, sodium salts   | 451-430-4 | 500717-36-2 | Xi; R41<br>R43<br>R52-53            | Xi<br>R: 41-43-52/53<br>S: (2-)22-24-26-36/37/39-61       |   |          |
| 612-277-00-0   | reaction mass of: 4-amino-3-(4-ethenesulfonyl-2-sulfonatophenylazo)-5-hydroxy-6-(5-{4-chloro-6-[4-(2-sulfonatooxyethanesulfonyl)phenylamino]-1,3,5-triazin-2-ylamino}-2-sulfonatophenylazo)naphthalene-2,7-disulfonate potassium/sodium; 4-amino-5-hydroxy-6-(5-{4-chloro-6-[4-(2-sulfonatooxyethanesulfonyl)phenylamino]-1,3,5-triazin-2-ylamino}-2-sulfonatophenylazo)-3-(2-sulfonato-4-(2-sulfonatooxyethanesulfonyl)phenylazo)naphthalene-2,7-disulfonate potassium/sodium | 451-440-9 | 586372-44-3 | Xi; R41                             | Xi<br>R: 41<br>S: (2-)22-26-39                            |   |          |



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|----------------|---|-----------|-------------|--|---|---------------------|----------|
| 612-278-00-6   | ethidium bromide;<br>3,8-diamino-1-ethyl-6-phenylphenantridinium bromide  | 214-984-6 | 1239-45-8   | Muta. Cat. 3; R68<br>T+; R26<br>Xn; R22              | T+<br>R: 22-26-68<br>S: (1/2)-28-36/37-45-63        |                     |          |
| 612-279-00-1   | (R,S)-2-amino-3,3-dimethylbutane amide  | 447-860-7 | 144177-62-8 | Repr. Cat. 3; R62<br>Xn; R48/22<br>Xi; R36/38<br>R43 | Xn<br>R: 36/38-43-48/22-62<br>S: (2-)22-26-36/37    |                     |          |
| 612-280-00-7   | 3-amino-9-ethyl carbazole;<br>9-ethylcarbazol-3-ylamine   | 205-057-7 | 132-32-1    | Carc. Cat. 2; R45                                    | T<br>R: 45<br>S: 53-45                              |                     | H        |
| 613-116-01-4   | tolyfluamid (ISO);<br>dichloro-N-[(dimethylamino)<br>sulphonyl]fluoro-N-<br>(p-tolyl)methanesulphenamide;<br>[containing < 0,1 % (w/w) of particles with<br>an aerodynamic diameter of below 50 µm] | 211-986-9 | 731-27-1    | Xi; R36/37/38<br>R43<br>N; R50                       | Xi; N<br>R: 36/37/38-43-50<br>S: (2-)25-36/37-46-61 | N; R50: C ≥ 2,5 %   |          |
| 613-161-00-2   | 2,4-diamino-6-<br>hydroxymethylpteridinehydrobromide  | 430-620-0 | 76145-91-0  | Xn; R48/22<br>R43<br>R52-53                          | Xn<br>R: 43-48/22-52/53<br>S: (2-)22-36/37-61       |                     |          |
| 613-162-00-8   | (6R-trans)-1-((7-ammonio-2-carboxylato-8-<br>oxo-5-thia-1-azabicyclo-[4.2.0]oct-2-en-3-<br>yl)methyl)pyridinium iodide  | 423-260-0 | 100988-63-4 | Muta. Cat. 3; R68<br>R43<br>N; R51-53                | Xn; N<br>R: 43-68-51/53<br>S: (2-)36/37-61          |                     |          |
| 613-187-00-4   | 5-(2-amino-5-cyano-6-[2-(2-<br>hydroxyethoxy)ethylamino]-4-<br>methylpyridin-3-ylazo)-3-methyl-2,4-<br>dicarbonitrilethiophene  | 410-530-8 | —           | R43  | Xi<br>R: 43<br>S: (2-)24-37                         |                     |          |
| 613-192-00-1   | 3-benzyl-exo-6-nitro-2,4-dioxo-3-aza-cis-<br>bicyclo[3.1.0]hexane   | 426-750-2 | 151860-15-0 | R43<br>R52-53  | Xi<br>R: 43-52/53<br>S: (2-)24-37-61                |                     |          |
| 613-198-00-4   | 2-amino-4-dimethylamino-6-<br>trifluoroethoxy-1,3,5-triazine  | 415-500-8 | 145963-84-4 | Xn; R22-48/22<br>R52-53                              | Xn<br>R: 22-48/22-52/53<br>S: (2-)22-36-61          |                     |          |
| 613-229-00-1   | 1-acetyl-4-(3-dodecyl-2,5-dioxo-1-<br>pyrrolidinyl)-2,2,6,6-tetramethylpiperidine   | 411-930-5 | 106917-31-1 | Xi; R38<br>R43<br>N; R50-53                          | Xi; N<br>R: 38-43-50/53<br>S: (2-)24-37-60-61       |                     |          |
| 613-231-00-2   | 2,6-diamino-3-((pyridine-3-yl)azo)pyridine  | 421-430-9 | 28365-08-4  | Xn; R22-48/22<br>N; R51-53                           | Xn; N<br>R: 22-48/22-51/53<br>S: (2-)22-36-61       |                     |          |

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|----------------|---|-----------|-------------|--|---|---------------------|----------|
| 613-232-00-8   | 3-(benzo[b]thien-2-yl)-5,6-dihydro-1,4,2-oxathiazine-4-oxide  | 431-030-6 | 163269-30-5 | T; R23<br>Xn; R48/22<br>Xi; R41<br>N; R50-53 | T; N<br>R: 23-41-48/22-50/53<br>S: (1/2-)26-36/39-45-57-60-61 |                     |          |
| 613-234-00-9   | imidazo[1,2-b]pyridazin hydrochloride   | 431-510-5 | 18087-70-2  | Xn; R22<br>Xi; R36                           | Xn<br>R: 22-36<br>S: (2-)26                                   |                     |          |
| 613-235-00-4   | 2,3-dihydro-2,2-dimethyl-1H-perimidine  | 424-060-6 | 6364-17-6   | Xn; R22-48/22<br>R43<br>N; R50-53            | Xn; N<br>R: 22-43-48/22-50/53<br>S: (2-)28-36/37-60-61        |                     |          |
| 613-236-00-X   | 2-chloro-3-trifluoromethylpyridine  | 424-520-6 | 65753-47-1  | T; R24/25-48/25<br>C; R34<br>R52-53          | T<br>R: 24/25-34-48/25-52/53<br>S: (1/2-)23-26-36/37/39-45-61 |                     |          |
| 613-237-00-5   | 6-tert-butyl-3-(3-dodecylsulfonyl)propyl-7H-1,2,4-triazolo[3.4b][1,3,4]thiadiazine  | 424-950-4 | 133949-92-5 | R53  | R: 53<br>S: 61  |                     |          |
| 613-238-00-0   | sodium 2-[[4-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]phenyl]sulfonyl]ethyl sulfate  | 430-890-1 | 81992-66-7  | R43<br>N; R50-53                             | Xi; N<br>R: 43-50/53<br>S: (2-)22-24-37-60-61                 |                     |          |
| 613-239-00-6   | 2-[3-(methylamino)propyl]-1H-benzimidazole  | 425-760-4 | 64137-52-6  | Xi; R41<br>R52-53                            | Xi<br>R: 41-52/53<br>S: (2-)26-39-61                          |                     |          |
| 613-241-00-7   | 3-(2H-tetrazol-5-yl)pyridine  | 426-810-8 | 3250-74-6   | Xi; R41                                      | Xi<br>R: 41<br>S: (2-)22-26-39                                |                     |          |
| 613-242-00-2   | reaction products of 3,10-bis((2-aminopropyl)amino)-6,13-dichloro-4,11-triphenodioxazinedisulfonic acid with 2-amino-1,4-benzenedisulfonic acid, 2-((4-aminophenyl)sulfonyl)ethyl hydrogen sulfate and 2,4,6-trifluoro-1,3,5-triazine, sodium salts | 426-860-0 | 191877-09-5 | Xi; R41                                      | Xi<br>R: 41<br>S: (2-)22-26-39                                |                     |          |
| 613-243-00-8   | 4,4'-(1,6-hexamethylenebis(formylimino))bis(2,2,6,6-tetramethyl-1-oxypiperidine)  | 427-350-0 | 182235-14-9 | N; R51-53                                    | N<br>R: 51/53<br>S: 61  |                     |          |
| 613-244-00-3   | 5,7-dichloro-4-hydroxyquinoline   | 427-420-0 | 21873-52-9  | N; R51-53                                    | N<br>R: 51/53<br>S: 61  |                     |          |

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|----------------|---|-----------|-------------|---------------------------------|--|---------------------|----------|
| 613-245-00-9   | 2-fluoro-6-trifluoromethylpyridine  | 428-100-3 | 94239-04-0  | R10<br>Xn; R20/22<br>R52-53     | Xn<br>R: 10-20/22-52/53<br>S: (2-)16-61          |                     |          |
| 613-246-00-4   | 2-hydroxymethyl-3-methyl-4-(2,2,2-trifluoroethoxy)pyridine  | 428-200-7 | 103577-66-8 | R52-53                          | R: 52/53<br>S: 61                                |                     |          |
| 613-247-00-X   | 3-(2-methoxy-4-methoxycarboxybenzyl)-5-nitroindole  | 428-910-7 | 107786-36-7 | R53                             | R: 53<br>S: 61                                   |                     |          |
| 613-248-00-5   | 3,4-dimethyl-1H-pyrazole  | 429-130-1 | 2820-37-3   | Xn; R22<br>Xi; R41<br>R52-53    | Xn<br>R: 22-41-52/53<br>S: (2-)26-39-61          |                     |          |
| 613-249-00-0   | 1-(2-hydroxyethyl)-1H-pyrazol-4,5-diylidiammoniumsulfate  | 429-300-3 | 155601-30-2 | Xi; R41<br>R43<br>N; R51-53     | Xi; N<br>R: 41-43-51/53<br>S: (2-)24-26-37/39-61 |                     |          |
| 613-250-00-6   | reaction mass of: carbonato-bis-N-ethyl-2-isopropyl-1,3-oxazolidine;<br>methyl carbonato-N-ethyl-2-isopropyl-1,3-oxazolidine;<br>2-isopropyl-N-hydroxyethyl 1,3-oxazolidine                                     | 429-990-6 | —           | Xi; R41<br>R43<br>R52-53        | Xi<br>R: 41-43-52/53<br>S: (2-)24-26-37/39-61    |                     |          |
| 613-251-00-1   | (R)-3-[(1-methylpyrrolidin-2-yl)methyl]-5-[2-(phenylsulfonyl)ethenyl]-1H-indole   | 430-560-5 | 180637-89-2 | Xn; R22-48/22<br>Xi; R41<br>R43 | Xn<br>R: 22-41-43-48/22<br>S: (2-)26-36/37/39    |                     |          |
| 613-253-00-2   | 2,2-dialkyl-4-hydroxymethyl-1,3-dioxolane;<br>reaction products with ethylene oxide (alkyl is C <sub>1-12</sub> and the sum to C <sub>13</sub> , average degree of ethoxylation is 3,5)                         | 430-580-4 | —           | R19<br>Xi; R38<br>N; R51-53     | Xi; N<br>R: 19-38-51/53<br>S: (2-)37-61          |                     |          |
| 613-254-00-8   | forchlorfenuron (ISO);<br>1-(2-chloro-4-pyridyl)-3-phenylurea   | —         | 68157-60-8  | Carc. Cat. 3; R40<br>N; R51-53  | Xn; N<br>R: 40-51/53<br>S: (2-)36/37-46-61       |                     |          |
| 613-255-00-3   | reaction mass of isomers of: sodium [(2-hydroxyethylsulfamoyl){[2-(2-piperazin-1-ylethylamino)ethylsulfamoyl][2-(4-aminoethylpiperazine-1-yl)ethylsulfamoyl]}(sulfamoyl)](sulfonatophthalocyaninato)}copper(II) | 424-270-8 | —           | Xi; R41                         | Xi<br>R: 41<br>S: (2-)26-39                      |                     |          |
| 613-256-00-9   | 3'5'-anhydro thymidine  | 425-810-5 | 38313-48-3  | R52-53                          | R: 52/53<br>S: 61                                |                     |          |

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|----------------|---|-----------|-------------|---|---|---|----------|
| 613-257-00-4   | 2-phthalimidoethyl<br>N-[4-(2-cyano-4-nitrophenylazo)phenyl]-<br>N-methyl-β-alaninate   | 426-400-9 | 170222-39-6 | R43<br>R53                                      | Xi<br>R: 43-53<br>S: (2-)24-37-61                                 |   |          |
| 613-258-00-X   | reaction mass of: 4-chloro-7-<br>methylbenzotriazole sodium salt;<br>4-chloro-5-methylbenzotriazole sodium<br>salt;<br>5-chloro-4-methylbenzotriazole sodium salt                       | 427-730-6 | 202420-04-0 | C; R34<br>R52-53                                | C<br>R: 34-52/53<br>S: (1/2-)26-28-<br>36/37/39-45-61             |   |          |
| 613-259-00-5   | reaction mass of: [2,4-dioxo-(2-propyn-1-<br>yl)imidazolidin-3-yl]methyl(1R)-cis-<br>chrysanthemate;<br>[2,4-dioxo-(2-propyn-1-yl)imidazolidin-3-<br>yl]methyl(1R)-trans-chrysanthemate | 428-790-6 | 72963-72-5  | Xn; R22<br>N; R50-53                            | Xn; N<br>R: 22-50/53<br>S: (2-)60-61                              |   |          |
| 613-260-00-0   | (±)-4-(3-chlorophenyl)-6-[(4-<br>chlorophenyl)hydroxy(1-methyl-1H-<br>imidazol-5-yl)methyl]-1-methyl-2(1H)-<br>quinolin   | 430-730-9 | —           | Xi; R41<br>N; R50-53                            | Xi; N<br>R: 41-50/53<br>S: (2-)22-26-39-60-61                     |   |          |
| 613-261-00-6   | pyrazole-1-carboxamide monohydrochloro-<br>ride   | 429-520-1 | 4023-02-3   | Xn; R22-48/22<br>Xi; R41<br>R43<br>R52-53       | Xn<br>R: 22-41-43-48/22-<br>52/53<br>S: (2-)22-26-36/37/39-<br>61 |   |          |
| 613-262-00-1   | disodium (E)-1,2-bis-(4-(4-methylamino-6-<br>(4-methylcarbamoylphenylamino)-1,3,5-<br>triazin-2-ylamino)phenyl-2-<br>sulfonato)ethene   | 427-310-2 | 180850-95-7 | Xi; R41   | Xi<br>R: 41<br>S: (2-)26-39                                       |   |          |
| 613-263-00-7   | monosodium 3-cyano-5-fluoro-6-<br>hydroxypyridine-2-olate   | 429-570-2 | —           | R43   | Xi<br>R: 43<br>S: (2-)24-37                                       |   |          |
| 613-266-00-3   | 2-chloro-5-chloromethylthiazole   | 429-830-5 | 105827-91-6 | T; R24<br>C; R34<br>Xn; R22<br>R43<br>N; R51-53 | T; N<br>R: 22-24-34-43-51/53<br>S: (1/2-)26-36/37/39-<br>45-61    |   |          |
| 613-267-00-9   | thiamethoxam (ISO);<br>3-(2-chloro-thiazol-5-ylmethyl)-5-<br>methyl[1,3,5]oxadiazinan-4-ylidene-N-<br>nitroamine  | 428-650-4 | 153719-23-4 | Xn; R22<br>N; R50-53                            | Xn; N<br>R: 22-50/53<br>S: (2-)60-61                              | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤<br>C < 2,5 %<br>R52-53: 0,025 % ≤<br>C < 0,25 % |          |

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|----------------|---|-----------|-------------|---|--|--|----------|
| 613-268-00-4   | (4a <i>S-cis</i> )-6-benzyl-octahydropyrrolo [3.4-b]pyridine  | 425-930-8 | 151213-39-7 | C; R34<br>Xn; R20/22-48/22<br>N; R51-53                   | C; N<br>R: 20/22-34-48/22-51/53<br>S: (1/2-)26-36/37/39-45-61          |  |          |
| 613-269-00-X   | 2-thiazolidinylidenecyanamide   | 427-720-1 | 26364-65-8  | Xn; R22-48/22<br>R52-53                                   | Xn<br>R: 22-48/22-52/53<br>S: (2-)22-36-61                             |  |          |
| 613-270-00-5   | 5-amino- <i>N</i> -(2,6-dichloro-3-methylphenyl)-1 <i>H</i> -1,2,4-triazole-3-sulfonamide   | 428-150-6 | 113171-13-4 | R52-53  | R: 52/53<br>S: 61  |  |          |
| 613-271-00-0   | tritosulfuron (ISO) (containing ≤ 0,02 % AMTT);<br>1-[4-methoxy-6-(trifluoromethyl)-1,3,5-triazin-2-yl]-3-[2-(trifluoromethyl)benzenesulfonyl]urea (containing ≤ 0,02 % AMTT) | —         | 142469-14-5 | R43<br>N; R50-53  | Xi; N<br>R: 43-50/53<br>S: (2-)24-37-46-60-61                          | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 %      |          |
| 613-272-00-6   | pyraclostrobin (ISO);<br>methyl <i>N</i> -{2-[1-(4-chlorophenyl)-1 <i>H</i> -pyrazol-3-yloxymethyl]phenyl}( <i>N</i> -methoxy)carbamate                                       | —         | —           | T; R23<br>Xi; R38<br>N; R50-53                            | T; N<br>R: 23-38-50/53<br>S: (1/2-)45-60-61-63                         | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 % |          |
| 613-273-00-1   | tetrahydro-3-methyl-5-((2-phenylthio)thiazol-5-ylmethyl)-[4 <i>H</i> ]-1,3,5-oxadiazinan-4-ylidene- <i>N</i> -nitroamine  | 427-600-9 | 192439-46-6 | N; R51-53   | N<br>R: 51/53<br>S: 61   |  |          |
| 613-274-00-7   | 2,6-dichloro-1-fluoropyridiniumtetrafluoroborate  | 427-400-1 | 140623-89-8 | C; R34<br>Xn; R22<br>R43<br>N; R50-53                     | C; N<br>R: 22-34-43-50/53<br>S: (1/2-)26-36/37/39-45-60-61             |  |          |
| 613-275-00-2   | 3-(2-chloroethyl)-6,7,8,9-tetra-hydro-2-methyl-4 <i>H</i> -pyrido[1,2- <i>a</i> ]pyrimidin-4-one monohydrochloride  | 424-530-0 | 93076-03-0  | T; R25<br>Xn; R68/21-48/22<br>Xi; R41<br>R43<br>N; R51-53 | T; N<br>R: 25-41-43-48/22-68/21-51/53<br>S: (1/2-)22-26-36/37/39-45-61 |  |          |
| 613-276-00-8   | 1-(2-chlorophenyl)-1,2-dihydro-5 <i>H</i> -tetrazol-5-one   | 426-110-2 | 98377-35-6  | R43<br>R52-53   | Xi<br>R: 43-52/53<br>S: (2-)24/25-37-61                                |  |          |
| 613-277-00-3   | (4-(6-diethylamino-2-methylpyridin-3-yl)imino-4,5-dihydro-3-methyl-1-(4-methylphenyl)-1 <i>H</i> -pyrazol-5-one   | 427-070-9 | —           | R53   | R: 53<br>S: 61   |  |          |

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|----------------|---|--------------------------------|----------------------------------|---|---|---------------------|----------|
| 613-278-00-9   | (3-aminophenyl)pyridin-3-ylmethanone  | 428-230-0                      | 79568-06-2                       | Xn; R48/22<br>N; R50-53   | Xn; N<br>R: 48/22-50/53<br>S: (2-)22-36-60-61     |                     |          |
| 613-279-00-4   | 2-ethyl-2,3-dihydro-2-methyl-1H-perimidine  | 424-380-6                      | 43057-68-7                       | Xn; R22-48/22<br>N; R50-53  | Xn; N<br>R: 22-48/22-50/53<br>S: (2-)36/37-60-61  |                     |          |
| 613-280-00-X   | tetrahydro-1,3-dimethyl-1H-pyrimidin-2-one;<br>dimethyl propyleneurea   | 230-625-6                      | 7226-23-5                        | Repr. Cat. 3; R62<br>Xn; R22<br>Xi; R41   | Xn<br>R: 22-41-62<br>S: 26-36/37/39               |                     |          |
| 613-281-00-5   | quinoline   | 202-051-6                      | 91-22-5                          | Carc. Cat. 2; R45<br>Muta. Cat. 3; R68<br>Xn; R21/22<br>Xi; R36/38<br>N; R51-53 | T; N<br>R: 45-21/22-36/38-68-51/53<br>S: 53-45-61 |                     | E        |
| 613-282-00-0   | triticonazole (ISO);<br>(RS)-(E)-5-(4-chlorobenzylidene)-2,2-dimethyl-1-(1H-1,2,4-triazol-1-methyl)cyclopentanol  | —                              | 131983-72-7                      | N; R51-53   | N<br>R: 51/53<br>S: 61                            |                     |          |
| 613-283-00-6   | ketoconazole;<br>1-[4-[4-[[[(2SR,4RS)-2-(2,4-dichlorophenyl)-2-(imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazin-1-yl]ethanone   | 265-667-4                      | 65277-42-1                       | Repr. Cat. 2; R60<br>T; R25<br>Xn; R48/22<br>N; R50-53                          | T; N<br>R: 60-25-48/22-50/53<br>S: 53-45-60-61    |                     | E        |
| 613-284-00-1   | metconazole (ISO);<br>(1RS,5RS;1RS,5SR)-5-(4-chlorobenzyl)-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol  | —                              | 125116-23-6                      | Repr. Cat. 3; R63<br>Xn; R22<br>N; R51-53                                       | Xn; N<br>R: 22-63-51/53<br>S: (2-)36/37-46-61     |                     |          |
| 613-285-00-7   | 1-hydroxybenzotriazole, anhydrous; [1]<br>1-hydroxybenzotriazole, monohydrated [2]  | 219-989-7 [1]<br>219-989-7 [2] | 2592-95-2 [1]<br>123333-53-9 [2] | E; R2   | E<br>R: 2<br>S: 16-35                             |                     |          |
| 613-286-00-2   | potassium 1-methyl-3-morpholinocarbonyl-4-[3-(1-methyl-3-morpholinocarbonyl-5-oxo-2-pyrazolin-4-ylidene)-1-propenyl]pyrazole-5-olate;<br>[containing < 0,5 % N,N-dimethylformamide (EC no 200-679-5)] | 418-260-2                      | 183196-57-8                      | R43   | Xi<br>R: 43<br>S: (2-)24-37                       |                     |          |

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|----------------|--|-----------|-------------|------------------------------|---|---------------------|----------|
| 613-286-01-X   | potassium 1-methyl-3-morpholinocarbonyl-4-[3-(1-methyl-3-morpholinocarbonyl-5-oxo-2-pyrazolin-4-ylidene)-1-propenyl]pyrazole-5-olate; [containing ≥ 0,5 % N,N-dimethylformamide (EC No 200-679-5)] | 418-260-2 | 183196-57-8 | Repr. Cat. 2; R61<br>R43     | T<br>R: 61-43<br>S: 53-45                           |                     |          |
| 613-287-00-8   | 1-(3-iodo-4-aminobenzyl)-1H-1,2,4-triazole   | 419-540-7 | 160194-26-3 | Xn; R22<br>R43<br>N; R51-53  | Xn; N<br>R: 22-43-51/53<br>S: (2-)24-37-61          |                     |          |
| 613-288-00-3   | 1,3-bis(dimethylcarbamoyl)-imidazolium chloride  | 420-930-4 | 135756-61-5 | Xn; R22<br>Xi; R41<br>R52-53 | Xn<br>R: 22-41-52/53<br>S: (2-)22-26-37/39-61       |                     |          |
| 613-289-00-9   | 3-(4-chloro-2-fluoro-5-methylphenyl)-1-methyl-5-(trifluoromethyl)-1H-pyrazole  | 432-020-4 | 142623-48-1 | N; R50-53                    | N<br>R: 50/53<br>S: 60-61                           |                     |          |
| 613-290-00-4   | 4-hydroxy-7-(2-aminoethyl)-1,3-benzothiazol-2(3H)-one hydrochloride  | 432-470-1 | 189012-93-9 | Xi; R41<br>R43<br>N; R50-53  | Xi; N<br>R: 41-43-50/53<br>S: (2-)24-26-37/39-60-61 |                     |          |
| 613-291-00-X   | 2,4-dihydro-4-(4-(4-(4-hydroxyphenyl)-1-piperazinyl)phenyl)-2-(1-methylpropyl)-3H-1,2,4-triazol-3-one  | 434-820-9 | 106461-41-0 | Xn; R48/22<br>N; R50-53      | Xn; N<br>R: 48/22-50/53<br>S: (2-)22-36-60-61       |                     |          |
| 613-292-00-5   | N,N',N"-tris(2-methyl-2,3-epoxypropyl)-perhydro-2,4,6-oxo-1,3,5-triazine   | 435-010-8 | 26157-73-3  | Muta. Cat. 3; R68<br>R52-53  | Xn<br>R: 68-52/53<br>S: (2-)36/37-61                |                     |          |
| 613-293-00-0   | 2-(4-tert-butylphenyl)-6-cyano-5-[bis(ethoxycarbonylmethyl)carbamoyloxy]-1H-pyrrolo[1,2-b][1,2,4] triazole-7-carboxylic acid 2,6-di-tert-butyl-4-methylcyclohexylester                             | 448-050-6 | 444065-11-6 | R53                          | R: 53<br>S: 61                                      |                     |          |
| 613-294-00-6   | 2-hexyldecanoic acid [4-(6-tert-butyl-7-chloro-1H-pyrazolo[1,5-b][1,2,4]triazol-2-yl)phenylcarbamoyl]methylester   | 448-260-8 | 379268-96-9 | R53                          | R: 53<br>S: 61                                      |                     |          |
| 613-295-00-1   | 11-amino-3-chloro-6,11-dihydro-5,5-dioxo-6-methyl-dibenzo[c,f][1,2]thiazepine hydrochloride  | 448-720-8 | 363138-44-7 | Xn; R22<br>Xi; R41<br>R52-53 | Xn<br>R: 22-41-52/53<br>S: (2-)22-26-39-61          |                     |          |

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|----------------|--|-----------|--------|------------------------------------|---|---------------------|----------|
| 613-296-00-7   | pentapotassium<br>2-(4-(5-[1-(2,5-disulfonatophenyl)-<br>4,5-dihydro-3-methylcarbamoyl-<br>5-oxopyrazol-4-ylidene]-3-methyl-<br>1,3-pentadienyl)-3-methylcarbamoyl-<br>5-oxidopyrazol-1-yl)benzene-1,4-disulfonate   | 418-270-7 | —      | R43<br>R52-53                      | Xi<br>R: 43-52/53<br>S: (2-)24-37-47-61             |                     |          |
| 613-297-00-2   | 5-(2-bromophenyl)-2- <i>tert</i> -butyl-2 <i>H</i> -<br>tetrazole  | 420-820-6 | —      | R10<br>Xn; R22<br>N; R51-53        | Xn; N<br>R: 10-22-51/53<br>S: (2-)16-61             |                     |          |
| 613-298-00-8   | bis-(6-hydroxy-4-methyl-5-(3-<br>methylimidazolium-1-yl)-3-(4-phenylazo)-<br>1 <i>H</i> -pyridin-2-one)ethylene dilactate  | 421-560-6 | —      | Xn; R48/22<br>Xi; R41<br>N; R51-53 | Xn; N<br>R: 41-48/22-51/53<br>S: (2-)22-26-36/39-61 |                     |          |
| 613-299-00-3   | main component 1 (isomer 1): 2-(6-fluoro-<br>4-[3-(2,5-disulfo-phenylazo)-4-hydroxy-2-<br>sulfonaphth-7-ylamino]-1,3,5-triazin-2-<br>ylamino)-3-(6-fluoro-4-[3-(1,5-<br>disulfonaphth-2-ylazo)-4-hydroxy-2-<br>sulfonaphth-7-ylamino]-1,3,5-triazin-2-<br>ylamino)-propane sodium salt;<br>main component 1 (isomer 2): 2-(6-fluoro-<br>4-[3-(2,5-disulfo-phenylazo)-4-hydroxy-2-<br>sulfonaphth-7-ylamino]-1,3,5-triazin-2-<br>ylamino)-3-(6-fluoro-4-[3-(2,5-disulfo-<br>phenylazo)-4-hydroxy-2-sulfonaphth-7-<br>ylamino]-1,3,5-triazin-2-ylamino)-propane<br>sodium salt;<br>main component 2: 2,3-bis-(6-fluoro-4-[3-<br>(2,5-disulfo-phenylazo)-4-hydroxy-2-<br>sulfonaphth-7-ylamino]-1,3,5-triazin-2-<br>ylamino)-propane sodium salt;<br>main component 3: 2,3-bis-(6-fluoro-4-[3-<br>(1,5-disulfonaphth-2-ylazo)-4-hydroxy-2-<br>sulfonaphth-7-ylamino]-1,3,5-triazin-2-<br>ylamino)-propane sodium salt | 422-610-1 | —      | Xi; R41                            | Xi<br>R: 41<br>S: (2-)22-26-39                      |                     |          |
| 613-300-00-7   | 1-imidazol-1-yl-octadecan-2-ol   | 434-120-3 | —      | R43<br>R53                         | Xi<br>R: 43-53<br>S: (2-)24-37-61                   |                     |          |
| 613-301-00-2   | dimethyl-1-([2-methoxy-5-(2-methyl-<br>butoxycarbonyl)phenylcarbamoyl]-[2-<br>octadecyl-1,1-dioxo-1,2,4-benzothiadiazin-<br>3-yl]methyl)imidazole-4,5-dicarboxylate  | 443-910-7 | —      | R53                                | R: 53<br>S: 61                                      |                     |          |



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|----------------|---|-----------|-------------|-------------------------------------|---|---|----------|
| 613-302-00-8   | disodium<br>2-(5-carbamoyl-1-ethyl-2-hydroxy-4-methyl-6-oxo-1,6-dihydro-pyridine-3-ylazo)-4-(4-fluoro-6-(4-(2-sulfonyloxyethylsulfonyl)-phenylamino)-1,3,5-triazine-2-ylamino)benzene sulfonate | 432-980-4 | 243858-60-8 | Xi; R41                             | Xi<br>R: 41<br>S: (2-)22-26-39                      |   |          |
| 613-303-00-3   | 2-(1-methyl-2-(4-phenoxyphenoxy)ethoxy)pyridine   | 429-800-1 | 95737-68-1  | N; R50-53                           | N<br>R: 50/53<br>S: 60-61                           |   |          |
| 613-304-00-9   | 5,6-dihydroxy-2,3-dihydro-1H-indolium bromide   | 421-170-6 | 138937-28-7 | Xn; R22<br>Xi; R41                  | Xn<br>R: 22-41<br>S: (2-)22-26-39                   |   |          |
| 613-305-00-4   | 2-(2-hydroxy-4-octyloxyphenyl)-2H-benzotriazole   | 448-630-9 | 3147-77-1   | R53                                 | R: 53<br>S: 61                                      |   |          |
| 613-306-00-X   | (2,5-dioxopyrrolidin-1-yl)-9H-fluoren-9-ylmethyl carbonate  | 433-520-5 | 82911-69-1  | Xn; R22<br>R43<br>N; R51-53         | Xn; N<br>R: 22-43-51/53<br>S: (2-)24-37-61          |   |          |
| 613-307-00-5   | clothianidin (ISO);<br>3-[(2-chloro-1,3-thiazol-5-yl)methyl]-2-methyl-1-nitroguanidine  | —         | 210880-92-5 | Xn; R22<br>N; R50-53                | Xn; N<br>R: 22-50/53<br>S: (2-)46-60-61             | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 % |          |
| 613-308-00-0   | 2-amino-5-methylthiazole  | 423-800-5 | 7305-71-7   | Xn; R22-48/22<br>N; R50-53          | Xn; N<br>R: 22-48/22-50/53<br>S: (2-)22-36-60-61    |   |          |
| 613-309-00-6   | 1-methyl-3-phenyl-1-piperazine  | 431-180-2 | 5271-27-2   | Xn; R21/22<br>Xi; R38-41<br>R52-53  | Xn<br>R: 21/22-38-41-52/53<br>S: (2-)26-36/37/39-61 |   |          |
| 613-310-00-1   | (-)(3S,4R)-4-(4-fluorophenyl)-3-(3,4-methylenedioxy-phenoxy)methyl-N-benzylpiperidine hydrochloride   | 432-360-3 | 105813-13-6 | Xn; R22<br>R43<br>N; R50-53         | Xn; N<br>R: 22-43-50/53<br>S: (2-)22-24-37-60-61    |   |          |
| 613-311-00-7   | methyl-5-nitrophenyl-guanidine  | 435-500-1 | 152460-07-6 | Xn; R22<br>Xi; R36<br>R43<br>R52-53 | Xn<br>R: 22-36-43-52/53<br>S: (2-)22-24-26-37-61    |   |          |
| 613-312-00-2   | 2-(4-methyl-2-phenyl-1-piperazinyl)benzenemethanol monohydrochloride  | 420-200-5 | —           | Xn; R22<br>Xi; R41<br>R43<br>R52-53 | Xn<br>R: 22-41-43-52/53<br>S: (2-)22-26-36/37/39-61 |   |          |

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|----------------|--|-----------|-------------|-------------------------------------|--|---------------------|----------|
| 613-313-00-8   | 2-(4-(4-(3-pyridinyl)-1H-imidazol-1-yl)butyl)-1H-isoindole-1,3(2H)-dione   | 442-780-9 | 173838-67-0 | R52-53                              | R: 52/53<br>S: 61                      |                     |          |
| 613-314-00-3   | 4-decyloxazolidin-2-one;<br>4-decyl-1,3-oxazolidin-2-one   | 443-770-7 | 7693-82-5   | N; R50-53                           | N<br>R: 50/53<br>S: 22-24-60-61        |                     |          |
| 613-315-00-9   | tetrapotassium 4-[5-[3-carboxylato-4,5-dihydro-5-oxo-1-(4-sulfonatophenyl)pyrazol-4-ylidene]-3-(piperidinocarbonyl)penta-1,3-dienylidene]-5-hydroxy-1-(4-sulfonatophenyl)pyrazole-3-carboxylate          | 430-390-1 | —           | Xn; R20<br>R52-53                   | Xn<br>R: 20-52/53<br>S: (2-)25-61      |                     |          |
| 613-316-00-4   | trimethylopropane<br>tri(3-aziridinylpropanoate);<br>(TAZ)   | 257-765-0 | 52234-82-9  | Muta. Cat. 3; R68<br>Xi; R41<br>R43 | Xn<br>R: 41-43-68<br>S: 26-36/37/39-42 |                     | H        |
| 615-033-00-1   | reaction product of diphenylmethanediisocyanate, octylamine, oleylamine and cyclohexylamine (1:1.58:0.32:0097)   | 430-980-9 | —           | R53                                 | R: 53<br>S: 61                         |                     |          |
| 615-034-00-7   | reaction product of diphenylmethanediisocyanate, octylamine, 4-ethoxyaniline and ethylenediamine (1:0,37:1,53:0,05)  | 430-750-8 | —           | R53                                 | R: 53<br>S: 61                         |                     |          |
| 615-035-00-2   | reaction product of diphenylmethanediisocyanate, octylamine and oleylamine (molar ratio 1:1.86:0.14)   | 430-930-6 | 122886-55-9 | R53                                 | R: 53<br>S: 61                         |                     |          |
| 615-036-00-8   | reaction product of diphenylmethanediisocyanate, toluenediisocyanate (reaction mass of isomers: 65 % 2,4- and 35 % 2,6-diisocyanate), octylamine, oleylamine and 4-ethoxyaniline (molar ratio 4:1:7:1:2) | 430-940-0 | —           | R53                                 | R: 53<br>S: 61                         |                     |          |
| 615-037-00-3   | reaction product of diphenylmethanediisocyanate, toluenediisocyanate (reaction mass of isomers: 65 % 2,4- and 35 % 2,6-diisocyanate), octylamine and oleylamine (molar ratio 4:1:9:1)                    | 430-950-5 | —           | R53                                 | R: 53<br>S: 61                         |                     |          |
| 615-038-00-9   | reaction product of toluenediisocyanate (reaction mass of isomers: 65 % 2,4- and 35 % 2,6-diisocyanate) and aniline (molar-ratio 1:2)  | 430-960-1 | —           | R53                                 | R: 53<br>S: 61                         |                     |          |

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|----------------|--|-----------|-------------|---|--|---------------------|----------|
| 615-039-00-4   | reaction product of diphenylmethanediisocyanate, toluenediisocyanate (reaction mass of isomers: 65 % 2,4- and 35 % 2,6-diisocyanate), octylamine, oleylamine and 4-ethoxyaniline (molar ratio 3.88:1:6.38:0.47:2.91) | 430-970-4 | —           | R53   | R: 53<br>S: 61   |                     |          |
| 615-044-00-1   | 4-chlorophenylisocyanate   | 203-176-9 | 104-12-1    | T+; R26<br>Xn; R22<br>Xi; R37/38-41<br>R42<br>N; R50-53 | T+; N<br>R: 22-26-37/38-41-42-50/53<br>S: (1/2-)26-28-36/37/39-45-63-60-61 |                     |          |
| 615-045-00-7   | 4,4'-methylene bis(3-chloro-2,6-diethylphenylisocyanate)   | 420-530-1 | —           | R42/43<br>R53   | Xn<br>R: 42/43-53<br>S: (2-)23-24-37-45-61                                 |                     |          |
| 616-107-00-6   | cinidon ethyl (ISO); ethyl (Z)-2-chloro-3-[2-chloro-5-(cyclohex-1-ene-1,2-dicarboximido)phenyl]acrylate  | —         | 142891-20-1 | Carc. Cat. 3; R40<br>R43<br>N; R50-53                   | Xn; N<br>R: 40-43-50/53<br>S: (2-)24-37-46-60-61                           |                     |          |
| 616-122-00-8   | methyl neodecanamide   | 414-460-9 | 105726-67-8 | Xn; R22   | Xn<br>R: 22<br>S: (2-)   |                     |          |
| 616-126-00-X   | 1-methyl-4-nitro-3-propyl-1H-pyrazole-5-carboxamide  | 423-960-6 | 139756-01-7 | Xn; R22-48/22<br>R52-53                                 | Xn<br>R: 22-48/22-52/53<br>S: (2-)22-36/37-61                              |                     |          |
| 616-131-00-7   | 1-aminocyclopentanecarboxamide   | 422-950-9 | 17193-28-1  | T; R48/25<br>Xn; R22<br>Xi; R41                         | T<br>R: 22-41-48/25<br>S: (1/2-)22-26-36/39-45                             |                     |          |
| 616-136-00-4   | reaction product of cocoalkyldiethanolamides and cocoalkylmonoglycerides and molybdenumtrioxide (1.75-2.2: 0.75-1.0:0.1-1.1)   | 430-380-7 | —           | N; R51-53   | N<br>R: 51/53<br>S: 61   |                     |          |
| 616-137-00-X   | 4-dichloroacetyl-1-oxa-4-azaspiro[4,5]decane   | 401-130-4 | 71526-07-3  | R43<br>N; R51-53  | Xi; N<br>R: 43-51/53<br>S: (2-)24-37-61                                    |                     |          |
| 616-138-00-5   | benzoic acid, N-tert-butyl-N'-(4-chlorobenzoyl)hydrazide   | 431-600-4 | 112226-61-6 | R43<br>N; R51-53  | Xi; N<br>R: 43-51/53<br>S: (2-)24-37-61                                    |                     |          |

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|----------------|--|-----------|-------------|--|---|---|----------|
| 616-139-00-0   | (3 <i>S</i> ,4 <i>aS</i> ,8 <i>aS</i> )- <i>N-tert</i> -butyldecahydro-3-isoquinolinecarboxamide                                   | 420-380-5 | 136465-81-1 | Xn; R22<br>Xi; R41<br>R52-53                                   | Xn<br>R: 22-41-52/53<br>S: (2-)22-26-39-61                |   |          |
| 616-140-00-6   | <i>N,N'</i> -(methylenedi-4,1-phenylene)bis [ <i>N'</i> -(4-methylphenyl)urea]   | 429-380-1 | 133336-92-2 | R43<br>R53   | Xi<br>R: 43-53<br>S: (2-)24-37-61                         |   |          |
| 616-141-00-1   | zoxamide (ISO);<br>( <i>RS</i> )-3,5-dichloro- <i>N</i> -(3-chloro-1-ethyl-1-methyl-2-oxopropyl)- <i>p</i> -toluamide              | —         | 156052-68-5 | R43<br>N; R50-53   | Xi; N<br>R: 43-50/53<br>S: (2-)24-37-46-60-61             | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 %       |          |
| 616-144-00-8   | 3,4-dichloro- <i>N</i> -[5-chloro-4-[2-[4-dodecyloxyphenylsulfonyl]butyramido]-2-hydroxyphenyl]benzamide                           | 431-130-1 | —           | R53  | R: 53<br>S: 61  |   |          |
| 616-145-00-3   | pethoxamide (ISO);<br>2-chloro- <i>N</i> -(2-ethoxyethyl)- <i>N</i> -(2-methyl-1-phenylprop-1-enyl)acetamide                       | —         | 106700-29-2 | Xn; R22<br>R43<br>N; R50-53                                    | Xn; N<br>R: 22-43-50/53<br>S: (2-)24-37-46-60-61          | N; R50-53: C ≥ 0, 25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 % |          |
| 616-146-00-9   | <i>N</i> -(2-methoxy-5-octadecanoylamino-phenyl)-2-(3-benzyl-2,5-dioximidazolidin-1-yl)-4,4-dimethyl-3-oxopentanoic acidamide      | 431-330-7 | 142776-95-2 | R53  | R: 53<br>S: 22-61   |   |          |
| 616-147-00-4   | 1-methyl-4-(2-methyl-2 <i>H</i> -tetrazol-5-yl)-1 <i>H</i> -pyrazole-5-sulfonamide   | 424-160-1 | 139481-22-4 | Xn; R22<br>R52-53  | Xn<br>R: 22-52/53<br>S: (2-)61                            |   |          |
| 616-148-00-X   | <i>N</i> -[6,9-dihydro-9-[[2-hydroxy-1-(hydroxymethyl)ethoxy]methyl]-6-oxo-1 <i>H</i> -purin-2-yl]acetamide                        | 424-550-1 | 84245-12-5  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Repr. Cat. 2; R60-61 | T<br>R: 45-46-60-61<br>S: 53-45                           |   |          |
| 616-150-00-0   | (2 <i>R</i> ,3 <i>S</i> )- <i>N</i> -(3-amino-2-hydroxy-4-phenylbutyl)- <i>N</i> -isobutyl-4-nitrobenzenesulfonamide hydrochloride | 425-260-6 | —           | Xn; R48/22<br>Xi; R41<br>R43<br>N; R51-53                      | Xn; N<br>R: 41-43-48/22-51/53<br>S: (2-)22-26-36/37/39-61 |   |          |
| 616-151-00-6   | <i>N</i> -(2-amino-4,6-dichloropyrimidin-5-yl)formamide  | 425-650-6 | 171887-03-9 | Xn; R22<br>Xi; R41<br>R43<br>R52-53                            | Xn<br>R: 22-41-43-52/53<br>S: (2-)24-26-37/39-61          |   |          |
| 616-152-00-1   | 4-(4-fluorophenyl)-2-(2-methyl-1-oxopropyl)-4-oxo-3,3-diphenylbutanamide   | 425-850-3 | 125971-96-2 | R53  | R: 53<br>S: 61  |   |          |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.      | Klasifikácia   | Označovanie   | Limity koncentrácie  | Poznámky |
|----------------|---|-----------|-------------|--|---|--|----------|
| 616-153-00-7   | 4-methyl-3-oxo-N-phenyl-2-(phenylmethylene)pentanamide  | 425-860-8 | 125971-57-5 | R43<br>N; R51-53   | Xi; N<br>R: 43-51/53<br>S: (2-)22-24-37-61          |  |          |
| 616-154-00-2   | 3,4-dichloro-N-[5-chloro-4-[2-[4-(hexadecyloxy)phenylsulfonyl]butyramido]-2-hydroxyphenyl]benzamide                     | 431-110-0 | —           | R53  | R: 53<br>S: 61                                      |  |          |
| 616-155-00-8   | N,N,N',N'-tetracyclohexyl-1,3-benzenedicarboxamide  | 431-040-0 | 104560-40-9 | N; R50-53  | N<br>R: 50/53<br>S: 60-61                           |  |          |
| 616-156-00-3   | 6-(2-chloro-6-cyano-4-nitrophenylazo)-4-methoxy-3-[N-(methoxycarbonylmethyl)-N-(1-methoxycarboylethyl)amino]acetanilide | 430-500-8 | 204277-61-2 | R53  | R: 53<br>S: 61                                      |  |          |
| 616-157-00-9   | 3-amino-4-hydroxy-N-(3-isopropoxypropyl)benzenesulfonamide hydrochloride  | 427-780-9 | 114565-70-7 | Xn; R22<br>Xi; R41<br>N; R50-53                                | Xn; N<br>R: 22-41-50/53<br>S: (2-)26-39-60-61       |  |          |
| 616-158-00-4   | N-[4-cyano-3-trifluoromethylphenyl]methacrylamide   | 427-880-2 | 90357-53-2  | Xn; R48/22<br>N; R51-53  | Xn; N<br>R: 48/22-51/53<br>S: (2-)36-61             |  |          |
| 616-160-00-5   | 2,2'-azobis[N-(2-hydroxyethyl)-2-methylpropionamide]  | 429-090-3 | 61551-69-7  | R43<br>R52-53  | Xi<br>R: 43-52/53<br>S: (2-)12-15-24-37-61          |  |          |
| 616-161-00-0   | 2,4-dichloro-5-hydroxyacetanilide   | 429-110-0 | 67669-19-6  | R52-53   | R: 52/53<br>S: 61                                   |  |          |
| 616-162-00-6   | isostearic acid monoisopropanolamide  | 431-540-9 | —           | Xi; R38<br>N; R51-53   | Xi; N<br>R: 38-51/53<br>S: (2-)37-61                |  |          |
| 616-163-00-1   | 4,4'-methylenebis[N-(4-chlorophenyl)-3-hydroxynaphthalene-2-carboxamide]  | 430-350-3 | 192463-88-0 | R53  | R: 53<br>S: 61                                      |  |          |
| 616-164-00-7   | dimoxystrobin (ISO);<br>(E)-2-(methoxyimino)-N-methyl-2-[α-(2,5-xylyloxy)-o-tolyl]acetamide                             | —         | 149961-52-4 | Carc. Cat. 3; R40<br>Repr. Cat. 3; R63<br>Xn; R20<br>N; R50-53 | Xn; N<br>R: 20-40-63-50/53<br>S: (2-)36/37-46-60-61 | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 %      |          |
| 616-165-00-2   | beflubutamid (ISO);<br>(RS)-N-benzyl-2-(α,α,α,4-tetrafluoro-m-tolyloxy)butyramide                                       | —         | 113614-08-7 | N; R50-53  | N<br>R: 50/53<br>S: 60-61                           | N; R50-53: C ≥ 0,25 %<br>N; R51-53: 0,025 % ≤ C < 0,25 %<br>R52-53: 0,0025 % ≤ C < 0,025 % |          |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.      | Klasifikácia       | Označovanie                          | Limity koncentrácie   | Poznámky |
|----------------|--|-----------|-------------|--------------------|--------------------------------------|---|----------|
| 616-166-00-8   | cyazofamid (ISO);<br>4-chloro-2-cyano- <i>N,N</i> -dimethyl-5- <i>p</i> -<br>tolylimidazole-1-sulfonamide  | —         | 120116-88-3 | N; R50-53          | N<br>R: 50/53<br>S: 60-61            | N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤<br>C < 2,5 %<br>R52-53: 0,025 % ≤<br>C < 0,25 % |          |
| 616-167-00-3   | <i>N,N</i> -dibutyl-(2,5-dihydro-5-thioxo-1 <i>H</i> -<br>tetrazol-1-yl)acetamide  | 418-290-6 | 168612-06-4 | Xi; R36<br>R43     | Xi<br>R: 36-43<br>S: (2-)24-26-37    |   |          |
| 616-168-00-9   | 1-dimethylcarbamoyl-4-(2-<br>sulfonatoethyl)pyridinium   | 418-440-0 | 136997-71-2 | R43                | Xi<br>R: 43<br>S: (2-)22-24-37       |   |          |
| 616-169-00-4   | 4-[4-(2,2-dimethyl-<br>propanamido)]phenylazo-3-(2-chloro-5-(2-<br>(3-pentadecylphenoxy)butylamido)anilino)-<br>1-(2,4,6-trichlorophenyl)-2-pyrazoline-5-<br>one | 420-220-4 | 92771-56-7  | R43<br>R53         | Xi<br>R: 43-53<br>S: (2-)24-37-61    |   |          |
| 616-170-00-X   | (2 <i>R</i> )-2-amino-2-phenylacetamide  | 420-370-0 | 6485-67-2   | Xi; R36<br>R43     | Xi<br>R: 36-43<br>S: (2-)22-26-36/37 |   |          |
| 616-171-00-5   | 2-(para-chlorophenyl)glycineamide  | 420-830-0 | 102333-75-5 | Xi; R41<br>R43     | Xi<br>R: 41-43<br>S: (2-)24-26-37/39 |   |          |
| 616-172-00-0   | <i>N</i> -(2,2,6,6-tetramethyl-1-oxylpiperidin-4-<br>yl)acetamide;<br>(4-acetamido-2,2,6,6-tetramethyl-1-<br>piperidinyl)oxidanyl                                | 423-840-3 | 14691-89-5  | Xn; R22            | Xn<br>R: 22<br>S: (2-)22             |   |          |
| 616-174-00-1   | 2-butyl-1,3-diazaspiro[4.4]non-1-en-4-one<br>hydrochloride   | 424-560-4 | 151257-01-1 | Xn; R22<br>Xi; R36 | Xn<br>R: 22-36<br>S: (2-)22-26       |   |          |
| 616-175-00-7   | 2-(2-hexyldecyloxy)benzamide   | 431-230-3 | 202483-62-3 | R53                | R: 53<br>S: 61                       |   |          |
| 616-176-00-2   | 3- <i>N,N</i> -bis(methoxyethyl)aminoacetanilide   | 432-530-7 | 24294-01-7  | Xn; R22<br>R52-53  | Xn<br>R: 22-52/53<br>S: (2-)22-24-61 |   |          |

| Indexové číslo | Medzinárodná identifikácia chemických látok   | ES č.     | CAS č.      | Klasifikácia                   | Označovanie  | Limity koncentrácie | Poznámky |
|----------------|---|-----------|-------------|--------------------------------|--|---------------------|----------|
| 616-177-00-8   | (3-(4-(2-(butyl-(4-methylphenylsulfonyl)amino)phenylthio)-5-oxo-1-(2,4,6-trichlorophenyl)-4,5-dihydro-1H-pyrazole-3-ylamino)-4-chlorophenyl)tetradecanamide;<br>N-[3-({4-[(2-(butyl[(4-methylphenyl)sulfonyl]amino)phenyl]thio]-5-oxo-1-(2,4,6-trichlorophenyl)-4,5-dihydro-1H-pyrazol-3-yl]amino)-4-chlorophenyl}tetradecanamide | 432-970-1 | 217324-98-6 | R53                            | R: 53<br>S: 61   |                     |          |
| 616-178-00-3   | N-(5-(bis(2-methoxyethyl)amino)-2-((2-cyano-4,6-dinitrophenyl)-azo)phenyl)acetamide   | 434-500-9 | 52583-35-4  | R53                            | R: 53<br>S: 22-61                                      |                     |          |
| 616-179-00-9   | 2-chloro-N-(4-methylphenyl)acetamide  | 435-170-9 | 16634-82-5  | Xi; R41<br>R43<br>N; R50-53    | Xi; N<br>R: 41-43-50/53<br>S: (2-)22-26-36/37/39-60-61 |                     |          |
| 616-180-00-4   | N,N-(dimethylamino)thioacetamide hydrochloride  | 435-470-1 | 27366-72-9  | Repr. Cat. 2; R61<br>N; R50-53 | T; N<br>R: 61-50/53<br>S: 53-45-60-61                  |                     |          |
| 616-181-00-X   | 4'-methyl-dodecane-1-sulfonilide  | 435-490-9 | 17417-32-2  | N; R50-53                      | N<br>R: 50/53<br>S: 60-61                              |                     |          |
| 616-182-00-5   | N'-(1,3-dimethylbutylidene)-3-hydroxy-2-naphthohydrazide  | 435-860-1 | 214417-91-1 | R43<br>N; R51-53               | Xi; N<br>R: 43-51/53<br>S: (2-)24-37-61                |                     |          |
| 616-183-00-0   | N-dodecyl-4-methoxybenzamide  | 442-340-6 | 1854-15-5   | R53                            | R: 53<br>S: 61   |                     |          |
| 616-184-00-6   | 3-methyl-N-(5,8,13,14-tetrahydro-5,8,14-trioxonaphth[2,3-c]acridin-6-yl)benzamide   | 442-560-2 | 105043-55-8 | R53                            | R: 53<br>S: 61   |                     |          |
| 616-186-00-7   | N,N'-(2-chloro-1,4-phenylene)bis(3-oxobutanamide)   | 443-010-4 | 53641-10-4  | R52-53                         | R: 52/53<br>S: 61                                      |                     |          |
| 616-188-00-8   | 2-(5,5-dimethyl-2,4-dioxooxazolidin-3-yl)-4,4-dimethyl-3-oxo-N-(2-methoxy-5-octadecanoylamino)phenyl)pentanoic acid amide   | 443-980-9 | 221215-20-9 | R43<br>R53                     | Xi<br>R: 43-53<br>S: (2-)24-37-61                      |                     |          |
| 616-189-00-3   | N-[5-(bis(2-methoxy-ethyl)-amino)-2-(6-bromo-2-methyl-1,3-dioxo-2,3-dihydro-1H-isoindol-5-ylazo)-phenyl]acetamide   | 444-780-4 | 452962-97-9 | R53                            | R: 53<br>S: 61   |                     |          |

| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.      | Klasifikácia                              | Označovanie   | Limity koncentrácie | Poznámky |
|----------------|--|-----------|-------------|---|---|---------------------|----------|
| 616-190-00-9   | N-decyl-4-nitrobenzamide   | 445-880-0 | 64026-19-3  | R53                                       | R: 53<br>S: 61                                      |                     |          |
| 616-191-00-4   | 2-ethyl-N-methyl-N-(3-methylphenyl)butanamide  | 446-190-2 | 406488-30-0 | Xn; R22<br>Xi; R36/38<br>R43<br>N; R51-53 | Xn; N<br>R: 22-36/38-43-51/53<br>S: (2-)24-26-37-61 |                     |          |
| 616-192-00-X   | 2-[2-(3-butoxypropyl)-1,1-dioxo-1,2,4-benzothiadiazin-3-yl]-5'-tert-butyl-2-(5,5-dimethyl-2,4-dioxo-1,3-oxazolidin-3-yl)-2'-(2-ethylhexyl)thio]acetanilide   | 448-060-0 | 727678-39-9 | R53                                       | R: 53<br>S: 61                                      |                     |          |
| 616-193-00-5   | N-[2-(2-butyl-4,6-dicyano-1,3-dioxo-2,3-dihydro-1H-isoindol-5-ylazo)-5-diethylamino-phenyl]acetamide   | 449-940-7 | 368450-39-9 | R53                                       | R: 53<br>S: 61                                      |                     |          |
| 616-194-00-0   | 2,2-diethoxy-N,N-dimethylacetamide   | 449-950-1 | 34640-92-1  | Xi; R36                                   | Xi<br>R: 36<br>S: (2-)26                            |                     |          |
| 616-196-00-1   | disodium salt of 1-hydroxy-4-(β-(4-(1-hydroxy-3,6-disulfo-8-acetylamino-2-naphthylazo)phenoxy)ethoxy)-N-dodecyl-2-naphthamide  | 419-990-4 | —           | N; R50-53                                 | N<br>R: 50/53<br>S: 60-61                           |                     |          |
| 616-197-00-7   | reaction mass of: potassium N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctane sulfonamide; N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctane sulfonamide | 422-500-1 | —           | Xn; R48/22                                | Xn<br>R: 48/22<br>S: (2-)22-36                      |                     |          |
| 616-198-00-2   | 1,3-bis[12-hydroxy-octadecamide-N-methylene]-benzene   | 423-300-7 | —           | R43<br>R53                                | Xi<br>R: 43-53<br>S: (2-)24-37-61                   |                     |          |
| 616-200-00-1   | reaction mass of: N,N'-ethane-1,2-diylbis(hexanamide); 12-hydroxy-N-[2-[(1-oxihexyl)amino]ethyl]octadecanamide; N,N'-ethane-1,2-diylbis(12-hydroxyoctadecanamide)  | 432-430-3 | —           | R43<br>R53                                | Xi<br>R: 43-53<br>S: (2-)24-37-61                   |                     |          |
| 616-201-00-7   | 12-hydroxyoctadecanoic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamine  | 432-840-2 | 220926-97-6 | Xn; R20<br>R53                            | Xn<br>R: 20-53<br>S: (2-)22-61                      |                     |          |



| Indexové číslo | Medzinárodná identifikácia chemických látok  | ES č.     | CAS č.      | Klasifikácia                                   | Označovanie  | Limity koncentrácie | Poznámky |
|----------------|--|-----------|-------------|--|--|---------------------|----------|
| 616-202-00-2   | reaction mass of: 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2,4-dimethylphenyl)-3-oxo-butanamide;<br>2-[[[3,3'-dichloro-4'-[[1[[[(2,4-dimethylphenyl)amino]carbonyl]-2-oxopropyl]azo][1,1'-biphenyl]-4-yl]azo]-N-(2-methylphenyl)-3-oxo-butanamide;<br>2-[[[3,3'-dichloro-4'-[[1[[[(2,4-dimethylphenyl)amino]carbonyl]-2-oxopropyl]azo][1,1'-biphenyl]-4-yl]azo]-N-(2-carboxylphenyl)-3-oxo-butanamide | 434-330-5 | —           | Carc. Cat. 3; R40<br>R43<br>R53                | Xn<br>R: 40-43-53<br>S: (2-)36/37-61                                   |                     |          |
| 616-203-00-8   | reaction mass of: N-[5-[bis-(2-methoxyethyl)amino]-2-(2-butyl-4,6-dicyano-1,3-dioxo-2,3-dihydro-1H-isoindol-5-yl-azo)phenyl]acetamide;<br>N-[2-(2-butyl-4,6-dicyano-1,3-dioxo-2,3-dihydro-1H-isoindol-5-ylazo)5-diethylaminophenyl]acetamide   | 442-280-0 | —           | R53  | R: 53<br>S: 61   |                     |          |
| 616-204-00-3   | N,N''-(methylenedi-4,1-phenylene)bis[N'-octylurea]   | 451-060-3 | 122886-55-9 | R53  | R: 53<br>S: 61   |                     |          |
| 617-021-00-1   | methylethylketone peroxide trimer  | 429-320-2 | —           | E; R2<br>O; R7<br>Xn; R65<br>Xi; R38<br>R43    | E; Xn<br>R: 2-7-38-43-65<br>S: (2-)3/7-14-23-36/37/39-62               |                     |          |
| 617-022-00-7   | reaction mass of: 1,2-dimethylpropylidene dihydroperoxide;<br>dimethyl 1,2-benzenedicarboxylate  | 442-480-8 | —           | O; R7<br>Xn; R22<br>C; R34<br>R43<br>N; R51-53 | O; C; N<br>R: 7-22-34-43-51/53<br>S: (1/2-)3/7-14-26-36/37/39-45-50-61 |                     |          |
| 647-017-00-5   | laccase  | 420-150-4 | 80498-15-3  | R42  | Xn<br>R: 42<br>S: (2-)23-45  |                     |          |



## Predplatné na rok 2009 (bez DPH, vrátane poštovného)

|   |  |                                     |
|---|--|-------------------------------------|
| Úradný vestník EÚ, séria L + C, len tlačené vydanie   | 22 úradných jazykov EÚ                       | 1 000 EUR ročne (*)                 |
| Úradný vestník EÚ, séria L + C, len tlačené vydanie   | 22 úradných jazykov EÚ                       | 100 EUR mesačne (*)                 |
| Úradný vestník EÚ, séria L + C, tlačené vydanie + ročný CD-ROM  | 22 úradných jazykov EÚ                       | 1 200 EUR ročne                     |
| Úradný vestník EÚ, séria L, len tlačené vydanie   | 22 úradných jazykov EÚ                       | 700 EUR ročne                       |
| Úradný vestník EÚ, séria L, len tlačené vydanie   | 22 úradných jazykov EÚ                       | 70 EUR mesačne                      |
| Úradný vestník EÚ, séria C, len tlačené vydanie   | 22 úradných jazykov EÚ                       | 400 EUR ročne                       |
| Úradný vestník EÚ, séria C, len tlačené vydanie   | 22 úradných jazykov EÚ                       | 40 EUR mesačne                      |
| Úradný vestník EÚ, séria L + C, mesačný (súhrnný) CD-ROM  | 22 úradných jazykov EÚ                       | 500 EUR ročne                       |
| Dodatok k úradnému vestníku (séria S), Verejné obstarávanie a výberové konania, CD-ROM, dve vydania za týždeň | viacjazyčné: 23 úradných jazykov EÚ          | 360 EUR ročne<br>(= 30 EUR mesačne) |
| Úradný vestník EÚ, séria C – konkurzy   | jazyk(-y), v ktorom(-ých) sa konajú konkurzy | 50 EUR ročne                        |

(\*) Predaj jednotlivých čísel: do 32 strán: 6 EUR  
od 33 do 64 strán: 12 EUR  
nad 64 strán: cena určená individuálne

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Každé jazykové znenie má samostatné predplatné.

V súlade s nariadením Rady (ES) č. 920/2005 uverejneným v úradnom vestníku L 156 z 18. júna 2005 a ustanovujúcim, že inštitúcie Európskej únie nie sú viazané povinnosťou vyhotovovať všetky právne akty v írskom jazyku a uverejňovať ich v tomto jazyku, sa úradné vestníky uverejnené v írskom jazyku predávajú osobitne.

Predplatné na dodatok k úradnému vestníku (séria S – Verejné obstarávanie a výberové konania) zahŕňa všetkých 23 úradných jazykových znení na jednom viacjazyčnom CD-ROM-e.

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