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Nº 167/1

**DIRECTIVA DO CONSELHO**

De 12 de Maio de 1973

que altera a Directiva de 27 de Junho de 1967 relativa à aproximação das disposições legislativas, regulamentares e administrativas respeitantes à classificação, embalagem e rotulagem das substâncias perigosas

(73/146/CEE)

O CONSELHO DAS COMUNIDADES EUROPEIAS,

Tendo em conta o Tratado que institui a Comunidade Económica Europeia e, nomeadamente, o seu artigo 100º,

Tendo em conta a proposta da Comissão,

Tendo em conta o parecer do Parlamento Europeu,

Tendo em conta o parecer do Comité Económico e Social,

Considerando que o artigo 2º da Directiva do Conselho, de 27 de Junho de 1967, relativa à aproximação das disposições legislativas, regulamentares e administrativas respeitantes à classificação, embalagem e rotulagem das substâncias perigosas <sup>(1)</sup>, com a última redacção que lhe foi dada pela Directiva de 22 de Março de 1971 <sup>(2)</sup>, classifica os líquidos inflamáveis em função do seu ponto de inflamação; que, na ausência até ao momento de especificações relativas aos métodos de ensaio que tenham por fim a determinação do ponto de inflamação, parece oportuno adoptar os mesmos métodos de ensaio já adoptados nos acordos internacionais relativos ao transporte das mercadorias perigosas;

Considerando que o progresso técnico torna necessária uma adaptação das prescrições técnicas definidas pelas directivas relativas às substâncias e preparações perigosas; que é conveniente, para facilitar a aplicação das medidas necessárias para o efeito, instituir um procedimento que

preveja uma colaboração estreita entre os Estados-membros e a Comissão no âmbito de um Comité para adaptação ao progresso técnico das directivas que visam a eliminação dos entraves técnicos ao comércio no sector das substâncias e preparações perigosas;

Considerando que o Anexo I da Directiva do Conselho, de 27 de Junho de 1967, contém uma lista de substâncias perigosas classificadas em função do número atómico do elemento mais característico das suas propriedades, bem como as modalidades de rotulagem para cada substância sob a forma de uma referência aos Anexos II, III e IV;

Considerando que o exame da lista das substâncias perigosas demonstrou que é necessário adaptá-la ao progresso da ciência e da técnica; que se verificou, além disso, que a fórmula química ou a denominação de diversas substâncias perigosas não é reproduzida de maneira exacta; que é, portanto, conveniente rectificar esta lista;

Considerando que é necessário aditar uma designação dos riscos especiais,

ADOPTOU A PRESENTE DIRECTIVA:

*Artigo 1*

A Directiva do Conselho de 27 de Junho de 1967 é alterada nos termos dos artigos seguintes.

(1) JO nº 196 de 16. 3. 1967, p. 1.

(2) JO nº L 74 de 29. 3. 1971, p. 15.

*Artigo 2º*

No texto italiano, a expressão «punto de scintilla» é substituída pela expressão «punto di infiammabilità».

*Artigo 3º*

Ao artigo 2º é aditado o seguinte número:

«3. A determinação do ponto de inflamação das substâncias e preparações líquidas inflamáveis mencionadas nas alíneas c) e d) do nº 2 será feita de acordo com os métodos e aparelhos previstos no Anexo V.»

*Artigo 4º*

Ao artigo 6º é aditado o seguinte número:

«4. Todavia, durante um período de três anos a contar da notificação desta directiva e em derrogação das disposições do presente artigo, a Dinamarca, a Irlanda e o Reino Unido podem admitir a colocação no mercado, no seu território, de substâncias perigosas cujas embalagens correspondam, no que diz respeito à rotulagem, às condições em vigor no seu território à data da adesão.»

*Artigo 5º*

Após o artigo 8º são aditados os seguintes artigos:

*«Artigo 8º—A*

As alterações necessárias para adaptar os anexos ao progresso técnico serão adoptadas em conformidade com o procedimento do artigo 8º C.

*Artigo 8º—B*

1. É instituído um Comité para adaptação ao progresso técnico das directivas que visam a eliminação dos entraves técnicos ao comércio no sector das substâncias e preparações perigosas, a seguir denominado «Comité» composto por representantes dos Estados-membros e presidido por um representante da Comissão.

2. O Comité estabelecerá o seu regulamento interno.

*Artigo 8º—C*

1. Quando for feita remissão para o procedimento definido no presente artigo, o assunto será submetido à apreciação do Comité pelo seu presidente, quer por sua iniciativa, quer a pedido do representante de um Estado-membro.

2. O representante da Comissão submeterá ao Comité um projecto de medidas a tomar. O Comité emitirá o seu parecer sobre esse projecto, num prazo que o presidente

pode fixar em função da urgência da questão em causa. Pronunciar-se-á por maioria de quarenta e um votos, sendo atribuída aos votos dos Estados-membros a ponderação prevista no nº 2 do artigo 148º do Tratado. O presidente não participará na votação.

3. a) A Comissão adoptará as medidas preconizadas quando forem conformes ao parecer do Comité;

b) Quando as medidas preconizadas não forem conformes ao parecer do Comité, ou na ausência de parecer, a Comissão submeterá sem demora ao Conselho uma proposta relativa às medidas a tomar. O Conselho deliberará por maioria qualificada;

c) Se, decorridos três meses a contar da apresentação da proposta ao Conselho, este não tiver deliberado, as medidas propostas serão adoptadas pela Comissão.»

*Artigo 6º*

Os Anexos I a IV são substituídos pelos Anexos I a IV da presente directiva.

*Artigo 7º*

É aditado um Anexo V tal como consta do anexo da presente directiva.

As normas e métodos a que se refere este anexo são os que estão em vigor à data de notificação da presente directiva aos Estados-membros.

*Artigo 8º*

1. Os estados-membros porão em vigor as disposições necessárias para darem cumprimento à presente directiva no prazo de seis meses a contar da sua notificação e desse facto informarão imediatamente a Comissão.

2. Os Estados-membros devem assegurar que sejam comunicadas à Comissão as principais disposições de direito nacional que adoptarem no domínio regulado pela presente directiva.

*Artigo 9º*

Os Estados-membros são destinatários da presente directiva.

Feito em Bruxelas em 21 de Maio de 1973.

*Pelo Conselho*

*O Presidente*

E. GLINNE

*BILAG I*

Liste over farlige stoffer klassificeret efter atomtallet for den bestanddel, der er mest karakteristisk for stoffernes egenksaber

*ANLAGE I*

Liste der gefährlichen Stoffe, geordnet nach der Ordnungszahl des Elements, das für ihre Eigenschaften charakteristisch ist

*ANNEX I*

List of dangerous substances classified in the order of the atomic number of the element most characteristic of their properties

*ANNEXE I*

Liste des substances dangereuses classées en fonction du numéro atomique de l'élément le plus caractéristique de leurs propriétés

*ALLEGATO I*

Elenco delle sostanze pericolose classificate in base al numero atomico dell'elemento più caratteristico delle loro proprietà

*BIJLAGE I*

Lijst van gevaarlijke stoffen gerangschikt volgens het atoomnummer van het element dat het meest karakteristiek is voor de eigenschappen van de stof

## HYDROGEN — WASSERSTOFF — HYDROGEN — HYDROGENE — IDROGENO — WATERSTOF

1.

$H_2$

1. Hydrogen  
Wasserstoff  
Hydrogen  
Hydrogène  
Idrogeno  
Waterstof

F R : 23-34  
S : 16-22-32-33-37-104

$LiAlH_4$

2. Lithiumaluminiumhydrid  
Lithium-Aluminiumhydrid  
Aluminium lithium hydride  
Hydrure d'aluminium-lithium  
Idruro di litio-alluminio  
Lithiumaluminiumhydride

F R : 29  
S : 12-37-65-103

$NaH$

3. Natriumhydrid  
Natriumhydrid  
Sodium hydride  
Hydrure de sodium  
Idruro di sodio  
Natriumhydride

F R : 29  
S : 12-37-65-103

$CaH_2$

4. Calciumhydrid  
Calciumhydrid  
Calcium hydride  
Hydrure de calcium  
Idruro di calcio  
Calciumhydride

F R : 29  
S : 12-37-65-103

## BERYLIUM — BERYLLIUM — BERYLLIUM — GLUCINIUM — BERILLIO — BERYLLIUM

4.

1. Berylliumforbindelser  
Berylliumverbindungen  
Beryllium compounds  
Composés du glucinium (Composés du beryllium)  
Composti del berillio  
Berylliumverbindungen

T R : 52  
S : 12-21-51-63-72-78-91-108

## BOR — BOR — BORON — BORE — BORO — BOOR

5.

1. Borhalogenforbindelser  
 Borhalogenverbindungen  
 Boron halides  
 Composés halogénés du bore  
 Composti alogenati del boro  
 Boorhalogeenvbindingen

T R : 61-84

S : 15-34-63-76-108

## KULSTOF — KOHLENSTOFF — CARBON — CARBONE — CARBONIO — KOOLSTOF

6.

CO

1. Carbon-monoxid  
 Kohlenmonoxid  
 Carbon monoxide  
 Oxyde de carbone  
 Ossido di carbonio  
 Koolstofmonoxide

F + T R : 23-34-63

S : 16-22-32-33-37-76-104-108

COCl<sub>2</sub>

2. Carbonylchlorid, (fosgen)  
 Carbonylchlorid (Phosgen)  
 Carbonyl chloride (Phosgene)  
 Oxychlorure de carbone (Phosgène)  
 Ossicloruro di carbonio (Fosgene)  
 Koolstofoxychloride (fosgeen)

T R : 61

S : 15-34-63-74-108

CS<sub>2</sub>

3. Carbondisulfid, (svovlkulstof)  
 Kohlendisulfid (Schwefelkohlenstoff)  
 Carbon disulphide  
 Sulfure de carbone  
 Solfuro di carbonio  
 Koolstofdisulfide (zwavelkoolstof)

F + T R : 23-33-67

S : 3-14-21-23-27-36-71-76-101-104-108

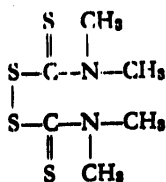
CaC<sub>2</sub>

4. Calciumkarbid  
 Calciumcarbid  
 Calcium carbide  
 Carbure de calcium  
 Carbuo di calcio  
 Calciumcarbide

F R : 29

S : 12-35-65-103

6.



HCN

## 5. thiram

(tetramethylthiuramdisulfid)

*bis* (Dimethyl-thiocarbamoyl)-disulfid  
(Tetramethyl-thiuram-disulfid)

Tetramethylthiuram disulphide

Disulfure de tétraméthylthiourame (thirame)

Disolfuro di tetrametiltiourame

Tetramethylthiuramdisulfide

Xn R : 54-84

S : 2-11-21-31-51-63-74-91

## 6. Cyanbrite, (hydrogencyanid, blåsyre)

Cyanwasserstoff (Blausäure)

Hydrogen cyanide (Hydrocyanic acid)

Acide cyanhydrique

Acido cianidrico

Cyaanwaterstof (blauwzuur)

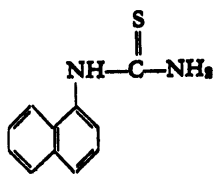
F + T R : 22-33-67

S : 15-21-31-32-36-65-74-104-108

7. Cyanider, undtagen komplekse salte som ferrocyanide\* og ferricyanider  
Salze der Blausäure mit Ausnahme der komplexen Cyanide, z.B. Cyano-  
ferrate (II) und (III)Salts of hydrogen cyanide, excluding complex cyanides such as ferro-  
cyanides and ferricyanidesAcide cyanhydrique (sels de l'), à l'exclusion des cyanures complexes tels  
que ferrocyanures et ferricyanuresSali dell'acido cianidrico, ad esclusione dei cianuri complessi come ferro-  
cianuri e ferricianuriZouten van cyaanwaterstof met uitzondering van complexe cyaniden  
zoals ferro- en ferricyaniden

T R : 58-71

S : 3-12-21-31-35-52-63-91-93-108



## 8. antu

(1-naphthylthiourinstof)

1-Naphthyl-thioharnstoff

1-Naphthylthiourea

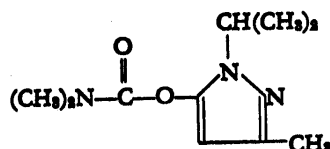
1-Naphtyl-thiourée

1-Naftil-tiourea

1-Naphtylthioureum

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-91-93-108



## 9. isolan

(1-isopropyl-3-methylpyrazolyl-(5)-N,N-dimethylcarbamate)

(1-Isopropyl-3-methyl-1H-pyrazol-5-yl)-N,N-dimethyl-carbamate

1-Isopropyl-3-methyl-pyrazol-5-yl dimethylcarbamate

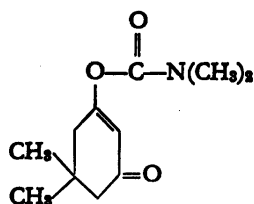
N,N-Diméthylcarbamate d'1-isopropyl-3-méthyl-5-pyrazolyle (isolane)

(1-Isopropil-3-metil-1H-pirazol-5-il)-N,N-dimetil-carbammato

(1-isopropyl-3-methyl-1H-pyrazol-5-yl)-N,N-dimethyl-carbamaat

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-91-93-108

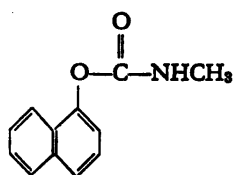


## 10. dimetan

5,5-dimethyl-3-oxo-1-cyclohexenyl-*N,N*-dimethylcarbamate  
 (5,5-Dimethyl-3-oxo-cyclohex-1-en-yl)-*N,N*-dimethyl-carbamate  
 5,5-Dimethyl-3-oxocyclohex-1-enyl dimethylcarbamate  
*N,N*-Diméthylcarbamate de 5,5-diméthyl-3-oxo-cyclohex-1-ényle  
 (5,5-Dimetil-3-oxo-cicloes-1-en-il)-*N,N*-dimetil-carbammato  
 (5,5-Dimethyl-3-oxo-cyclohex-1-en-yl)-*N,N*-dimethyl-carbamaat

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-91-93-108

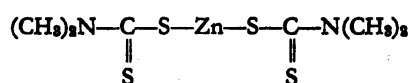


## 11. carbaryl

(1-naphthyl-*N*-methylcarbamate)  
*N*-Methyl-1-naphthyl-carbamate  
 1-Naphthyl methylcarbamate  
*N*-Méthylcarbamate de 1-naphtyle  
*N*-Metil-1-naftil-carbammato  
*N*-Methyl-1-naphtyl-carbamaat

Xn R : 54-84

S : 2-11-21-31-51-63-74-91

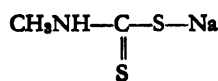


## 12. ziram

(zink-*bis*(*N,N*-dimethyldithiocarbamat))  
 Zink-*bis*(*N,N*-dimethyl-dithiocarbamat)  
 Zinc dimethyldithiocarbamate  
*Bis* (diméthyldithiocarbamate) de zinc (zirame)  
*bis*(*N,N*-dimetil-ditiocarbammato) di zinco  
 Zink-*bis*(*N,N*-dimethyldithiocarbamaat)

Xn R : 54-84

S : 2-11-21-31-51-63-74-91

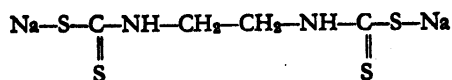


## 13. métam-sodium (metam-natrium)

(natrium-*N*-methyldithiocarbamat)  
 Natrium-*N*-methyl-dithiocarbamat  
 Sodium methyldithiocarbamate  
*N*-Méthyldithiocarbamate de sodium  
*N*-Metil-ditiocarbammato di sodio  
 Natrium-*N*-methyldithiocarbamaat

Xn R : 54-84

S : 2-11-21-31-51-63-74-91

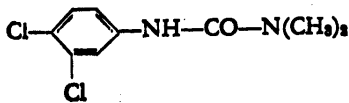


## 14. nabam

(dinatrium-*N,N'*-ethylen-*bis*-(dithiocarbamat))  
 Dinatrium-[*N,N'*-äthylen-*bis*(dithiocarbamat)]  
 Disodium ethylenebisdithiocarbamate  
*N,N'*-Etylène *bis* (dithiocarbamate de sodium) (nabame)  
*N,N'*-ctilen-*bis*(ditiocarbammato di sodio)  
 Dinatrium[*N,N'*-ethyleen-*bis*(dithiocarbamaat)]

Xn R : 54-84

S : 2-11-21-31-51-63-74-91

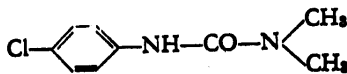


## 15. diuron

(N<sup>2</sup>-(3,4-diklorofenyl)-N,N-dimethylurinstof)  
 3-(3,4-Dichlor-phenyl)-1,1-dimethyl-harnstoff  
 3-(3,4-Dichlorophenyl)-1,1-dimethylurea  
 3-(3,4-Dichlorophényl)-1,1-diméthylurée  
 3-(3,4-dicloro-fenil)-1,1-dimetil-urea  
 3-(3,4-Dichloorfenyl)-1,1-dimethylureum

Xi R : 51-84

S : 2-11-21-31-51-63-91

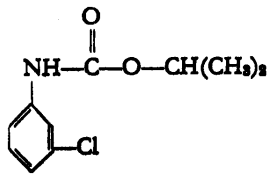


## 16. monuron

(N<sup>2</sup>-(4-klorofenyl)-N,N-dimethylurinstof)  
 3-(4-Chlor-phenyl)-1,1-dimethyl-harnstoff  
 3-(4-Chlorophenyl)-1,1-dimethylurea  
 3-(4-Chlorophényl)-1,1-diméthylurée  
 3-(4-cloro-fenil)-1,1-dimetil-urea  
 3-(4-Chloorfenyl)-1,1-dimethylureum

Xi R : 51-84

S : 2-11-21-31-51-63-91

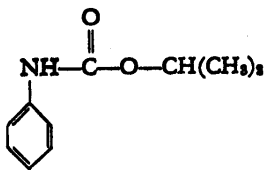


## 17. chlorpropham

(isopropyl-N-(3-klorofenyl)-carbamat)  
 N-(3-Chlor-phenyl)-isopropyl-carbamat  
 Isopropyl 3-chlorophenylcarbamate  
 N-(3-Chlorophényl) carbamate d'isopropyle (chlorprophame)  
 N-(3-cloro-fenil)-isopropil-carbammato  
 N-(3-Chloorfenyl)-isopropylcarbamaat

Xn R : 54

S : 2-11-57-91

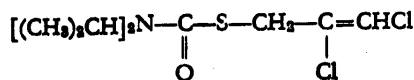


## 18. propham

(isopropyl-N-phenylcarbamat)  
 Isopropyl-N-phenyl-carbamat  
 Isopropyl phenylcarbamate  
 N-Phénylcarbamate d'isopropyle (prophame)  
 isopropil-N-fenil-carbammato  
 Isopropyl-N-fenylcarbamaat (profam)

Xn R : 54

S : 2-11-57-91



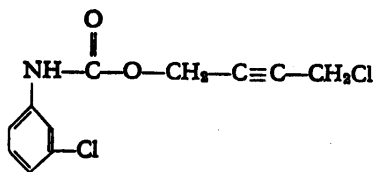
## 19. diallat

di-allat, (S-(2,3-diklorallyl)-N,N-diisopropylthiocarbamat)  
 S-(2,3-Dichlor-allyl)-N,N-diisopropyl-monothio-carbamat  
 di-allate S-2,3-dichloroallyl di-isopropylthiocarbamate  
 N,N-Di-isopropylthiocarbamate de S-(2,3-dichlorallyle)(diallate)  
 S-(2,3-Dicloro-allil)-N,N-diisopropil-monotiocarbmato  
 S-(2,3-Dichloorallyl)-N,N-diisopropyl-monothio-carbamaat (diallaat)

Xn R : 54-83

S : 2-11-21-31-63-73-91



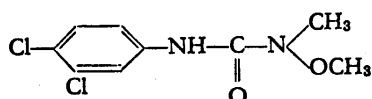


## 20. barban

(4-klor-2-butynyl-*N*-(3-klorfenil)-carbamát))  
 (4-Chlor-but-2-in-yl)-*N*-(3-chlor-phenyl)-carbamát  
 4-Chlorobut-2-ynyl 3-chlorophenylcarbamate  
*N*-(3-Chlorophényl)carbamate de 4-chloro-2-butynyle (barbane)  
 (4-Cloro-but-2-in-il)-*N*-(3-cloro-fenil)-carbammato  
 (4-Chloor-but-2-yn-yl)-*N*-(3-chloorfenyl)-carbamaat

Xn R : 54-83

S : 2-11-21-31-63-73-91

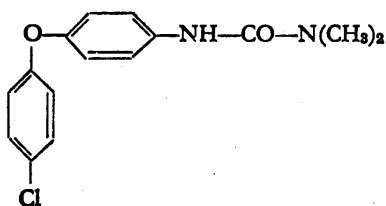


## 21. linuron

(*N'*-(3,4-diklorfenil)-*N*-metoxy-*N*-metilurinstoff)  
 3-(3,4-Dichlor-phenyl)-1-methoxy-1-methyl-harnstoff  
 3-(3,4-Dichlorophenyl)-1-methoxy-1-methylurea  
 1-(3,4-Dichlorophényl)-3-méthoxy-3-méthylurée  
 3-(3,4-Dicloro-fenil)-1-metossi-1-metil-urea  
 3-(3,4-Dichloorfenyl)-1-methoxy-1-methylureum

Xn R : 54

S : 2-11-57-91

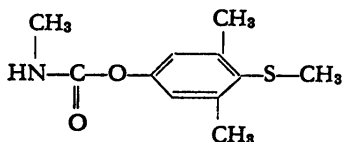


## 22. chloroxuron

(*N'*-4-(4-klorphenoxy)phenyl-*N,N*-dimethylurinstoff)  
 3-[4-(4-Chlor-phenoxy)-phenyl]-1,1-dimethyl-harnstoff  
 3-[4-(4-Chlorophenoxy)phenyl]-1,1-dimethylurea  
 1-[4-(4-Chlorophénoxy)phényl]-3,3-diméthylurée  
 3-[4-(4-cloro-fenossi)-fenil]-1,1-dimetil-urea  
 3-[4-(4-Chloorfenoxy fenyl)-1,1-dimethylureum

Xn R : 54

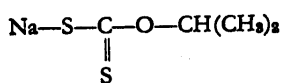
S : 2-11-31-91

23. mercaptodimetur, (3,5-dimethyl-4-methylthiophenyl-*N*-methylcarbamát)

(3,5-Dimethyl-4-methylthio-phenyl)-*N*-methyl-carbamát  
 (mercaptodimethur, methiocarb)  
 3,5-Dimethyl-4-methylthiophenyl methylcarbamate (methiocarb)  
*N*-Méthylcarbamate de 3,5-diméthyl-4-méthylthiophényle  
 (mercaptodiméthur)  
 (3,5-Dimetil-4-metiltio-fenil)-*N*-metil-carbammato (mercaptodimethur)  
 (3,5-Dimethyl-4-methylthiofenyl)-*N*-methylcarbamaat (methiocarb)

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-91-93-108



## 24. proxan-Na, (natrium-isopropyl-xanthogenat)

Natrium-*O*-isopropyl-dithiocarbonat (proxan-Natrium)  
 Sodium isopropylxanthate (proxan-sodium)  
*O*-isopropyl-dithiocarbonate de sodium (proxane-sodium)  
*O*-isopropil-ditiocarbonato di sodio (proxan-sodio)  
 Natrium-*O*-isopropyl-dithiocarbonaat

Xn R : 54

S : 2-11-31-35-57-91

CH<sub>3</sub>-N-C S

25. Methylisothiocyanat  
Methyl-isothiocyanat  
Methyl isothiocyanate  
Isothiocyanate de méthyle  
Isotiocianato di metile  
Methylisothiocyanaat

Xn R : 21-54-84

S : 2-11-21-31-37-51-63-74-91

6.

NITROGEN — STICKSTOFF — NITROGEN — AZOTE — AZOTO — STIKSTOF

7.

NH<sub>3</sub>

1. Ammoniak  
Ammoniak wasserfrei  
Anhydrous ammonia  
Ammoniac anhydre  
Ammoniaca anidra  
Watervrije ammoniak

T R : 60-84

S : 15-32-33-34-63-76-108

NH<sub>3</sub>

2. Ammoniakvand indeholdende mere end 35 % NH<sub>3</sub>  
Ammoniaklösungen mit mehr als 35 % NH<sub>3</sub>  
Ammonia solution containing more than 35 per cent NH<sub>3</sub>  
Ammoniaque contenant plus de 35 % de NH<sub>3</sub>  
Ammoniaca in soluzioni di concentrazione superiore al 35 % di NH<sub>3</sub>  
Ammoniakoplossingen met meer dan 35 % NH<sub>3</sub>

C R : 81-84

S : 11-35-53-65-67

NH<sub>3</sub>

3. Ammoniakvand indeholdende 10-35 % NH<sub>3</sub>  
Ammoniaksuölngen mit 10 % bis 35 % NH<sub>3</sub>  
Ammonia solution containing 10-35 per cent NH<sub>3</sub>  
Ammoniaque contenant de 10 à 35 % de NH<sub>3</sub>  
Ammoniaca in soluzioni di concentrazione dal 10 % al 35 % di NH<sub>3</sub>  
Ammoniakoplossingen met 10 % tot ten hoogste 35 % NH<sub>3</sub>

Xi R : 84

S : 2-11-35-53-63-67

NO<sub>2</sub>  
(N<sub>2</sub>O<sub>4</sub>)

4. Nitrogendioxid  
Stickstoffdioxid (Distickstofftetroxid)  
Nitrogen dioxide  
Peroxyde d'azote  
Ipoazotide  
Stikstofdióxide (distikstofftetroxide)

T R : 61-84

S : 15-34-54-63-76-108

HNO<sub>3</sub>5. Salpetersyre indeholdende mere end 70% HNO<sub>3</sub>Salpetersäure mit mehr als 70% HNO<sub>3</sub>Nitric acid solution containing more than 70 per cent HNO<sub>3</sub>Acide nitrique en solutions contenant plus de 70% de HNO<sub>3</sub>Acido nitrico in soluzioni con oltre il 70% HNO<sub>3</sub>Salpeterzuroplossingen met meer dan 70% HNO<sub>3</sub>

O + C R : 12-82

S : 15-22-32-38-65-71-76-94-109

HNO<sub>3</sub>6. Salpetersyre indeholdende 20-70% HNO<sub>3</sub>Salpetersäure mit mehr als 20 bis höchstens 70% HNO<sub>3</sub>Nitric acid solution containing 20 to a maximum of 70 per cent HNO<sub>3</sub>Acide nitrique en solutions contenant de 20 à 70% au maximum de HNO<sub>3</sub>Acido nitrico in soluzioni con oltre il 20% e fino al 70% di HNO<sub>3</sub>Salpeterzuroplossingen met meer dan 20 tot ten hoogste 70% HNO<sub>3</sub>

C R : 82

S : 16-32-53-65-71-109

HNO<sub>3</sub>  
+  
H<sub>2</sub>SO<sub>4</sub>7. Blandinger af salpetersyre og svovlsyre med mere end 30% HNO<sub>3</sub>Mischungen von Salpetersäure und Schwefelsäure mit mehr als 30% HNO<sub>3</sub>Mixtures of nitric and sulphuric acids containing more than 30 per cent HNO<sub>3</sub>Mélanges sulfo-nitriques contenant plus de 30% de HNO<sub>3</sub>Miscela solfonitrica con più del 30% di HNO<sub>3</sub>Nitreermengsels (zwavelzuur en salpeterzuur) met meer dan 30% HNO<sub>3</sub>

O + C R : 12-82

S : 11-22-24-32-38-65-71-76-94

## OXYGEN — SAUERSTOFF — OXYGEN — OXYGÈNE — OSSIGENO — ZUURSTOF

8.

O<sub>2</sub>

1. Flydende ilt

Flüssiger Sauerstoff

Liquid oxygen

Oxygène liquide

Ossigeno liquido

Vloeibare zuurstof

O R : 12

S : 5-22-32-38-65

2. Flydende luft

Flüssige Luft

Liquid air

Air liquide

Aria liquida

Vloeibare lucht

O R : 12

S : 5-22-32-38-65

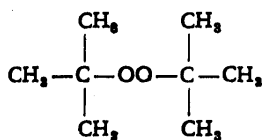
8.

 $H_2O_2$ 

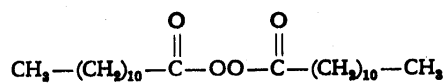
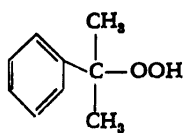
3. Hydrogenperoxid i opløsninger med over 60%  $H_2O_2$   
 Wasserstoffperoxid in Lösungen mit mehr als 60%  $H_2O_2$   
 Hydrogen peroxide solutions containing more than 60 per cent  $H_2O_2$   
 Peroxyde d'hydrogène (Eau oxygénée) en solutions contenant plus de 60% de  $H_2O_2$   
 Perossido di idrogeno (acqua ossigenata) in soluzioni con oltre il 60% di  $H_2O_2$   
 Waterstofperoxide in oplossingen met meer dan 60%  $H_2O_2$   
 O + C R : 12-81  
 S : 5-22-38-41-63-71-73-77

 $H_2O_2$ 

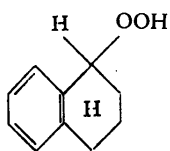
4. Hydrogenperoxid i opløsninger med 20 - 60%  $H_2O_2$   
 Wasserstoffperoxid in Lösungen von 20 bis 60%  $H_2O_2$   
 Hydrogen peroxide solutions containing 20-60 per cent  $H_2O_2$   
 Peroxyde d'hydrogène (Eau oxygénée) en solutions contenant de 20 à 60% de  $H_2O_2$   
 Perossido di idrogeno in soluzioni contenenti dal 20 al 60% di  $H_2O_2$   
 Waterstofperoxide in oplossingen van 20 tot 60%  $H_2O_2$   
 C R : 81  
 S : 5-63-71-73-77



5. Di-tertiær-butylperoxid  
 Di-tert.-Butylperoxid  
 Diterbutyl peroxide  
 Peroxyde de butyle tertiaire  
 Perossido di butile terziario  
 Di-tert.-butylperoxyde  
 F + Xi R : 5-28-84  
 S : 15-21-29-35-36-65-67-77-104
6.  $\alpha$ -hydroperoxicumen  
 Cumolhydroperoxid  
 $\alpha\alpha$ -Dimethylbenzyl hydroperoxide (Cumyl hydroperoxide)  
 Hydroperoxyde de cumène  
 Idroperossido di cumene (idroperossido di cumolo)  
 Cumeenhydroperoxide  
 F + C R : 5-28-82  
 S : 15-21-29-35-36-42-53-65-67-77-104



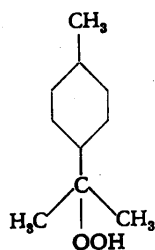
7. Dilauroylperoxid  
 Dilauroylperoxid  
 Dilauroyl peroxide  
 Peroxyde de lauroyle  
 Perossido di lauroile  
 Dilaureylperoxide  
 F + Xi R : 22-84  
 S : 15-21-29-35-36-77-104



8. 1-hydroperoxitetralin  
Tetralinhydroperoxid  
Tetralin hydroperoxide  
Hydroperoxyde de tétraline  
Idroperossido di tetralina  
Tetralinehydroperoxide

F + C R : 5-28-82

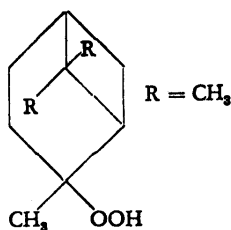
S : 15-21-29-35-36-42-53-65-67-77-104



9. 8-hydroperoximenthan  
p-Menthanhydroperoxid  
p-Menthane hydroperoxide  
Hydroperoxyde de p-menthyle  
Idroperossido di p-mentano  
p-menthaanhydroperoxide

F + C R : 5-28-82

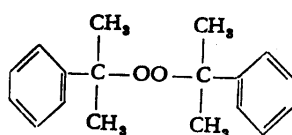
S : 15-21-29-35-36-42-65-67-77-104



10. 2-hydroperoxipinan  
Pinanhydroperoxid  
Pinane hydroperoxide  
Hydroperoxyde de pinanyle  
Idroperossido di pinano  
Pinaanhydroperoxide

F + C R : 5-28-64-82

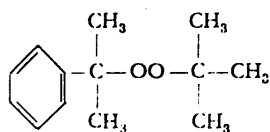
S : 15-21-29-35-36-42-65-67-77-104



11. Di-*a*-cumylperoxid  
Dicumylperoxid  
Di(*aa*-dimethylbenzyl) peroxide (Dicumyl peroxide)  
Peroxyde de cumyle  
Perossido di cumile  
Dicumylperoxide

F + Xi] R<sup>7</sup>: 22-84

S : 15-21-29-35-36-42-77-104

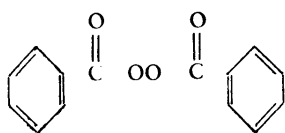


12. Tertiær-butyl-cumylperoxid  
Tert.-Butyl-cumylperoxid  
Tertbutyl *aa*-dimethylbenzyl peroxide  
Peroxyde de butyle (tert.) et de cumyle  
Perossido di cumile e di butile terziario  
Tert.-butyl-cumylperoxide

F + C R : 5-28-64-82

S : 15-21-29-35-36-42-65-67-77-104

8.



## 13. Dibenzoylperoxid

Benzoylperoxid (Dibenzoylperoxid)

Benzoyl peroxide

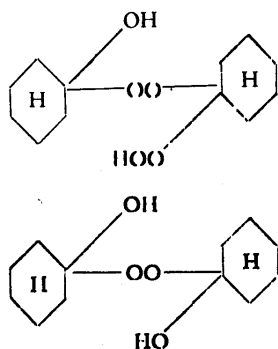
Peroxyde de benzoyle

Perossido di benzoile

Benzoylperoxyde (dibenzoylperoxide)

E R : 3-84

S : 15-21-25-26-28-29-32-35-36-65-77-104



## 14. 1-hydroxy-1-hydroperoxy-dicyclohexylperoxid og bis-(1-hydroxycyclohexyl)-peroxid

Cyclohexanonperoxide und -hydroperoxide [1-Hydroxy-1'-hydroperoxy-dicyclohexylperoxid und bis(1-Hydroxy-cyclohexyl)-peroxid]

Cyclohexanon peroxides and hydroperoxides

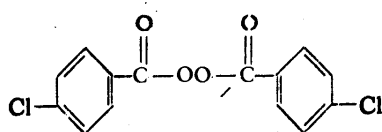
Peroxydes et hydroperoxydes de cyclohexanon [peroxyde de 1-hydroxy-1'-hydroperoxy-dicyclohexyle et peroxyde de bis(1-hydroxy-cyclohexyle)]

Perossidi e idroperossidi di cicloesane [perossido di 1-idrossi-1'-idroperossi-dicicloesile e perossido di bis(1-idrossi-cicloesile)]

Cyclohexanon peroxiden en hydroperoxiden [1-hydroxy-1'-hydroperoxy-dicyclohexylperoxyde en bis(1-hydroxy-cyclohexyl)-peroxyde]

E + C R : 3-82

S : 15-21-25-26-28-29-32-35-36-42-65-77-104



## 15. p,p'-diklorbenzoylperoxid

p,p'-Dichlorbenzoylperoxid [bis(4-Chlorbenzoyl)]-peroxid

4-Chlorbenzoyl peroxide

Peroxyde de p-chlorbenzoyle

Perossido di paraclorbenzoile

p,p'-dichlorbenzoylperoxyde [bis(4-chlorbenzoyl)]-peroxyde

E R : 3-84

S : 15-21-25-26-28-29-32-35-36-42-65-77-107

## FLUOR — FLUOR — FLUORINE — FLUOR — FLURO — FLUOR

9.

F<sub>2</sub>

## 1. Fluor

Fluor

Fluorine

Fluor

Fluro

Fluor

T R : 11-61-84

S : 5-32-38-65-76-108

HF<sub>n</sub>

## 2. Hydrogenfluorid, vandfri

Fluorwasserstoff, wasserfrei

Hydrogen fluoride anhydrous

Acide fluorhydrique anhydre

Acido fluoridrico anidro

Fluorwaterstof, watervrij

T R : 67-82

S : 15-34-65-67-73-76-108

HF

## 3. Hydrogenfluorid i opløsning, (flussyre)

Fluorwasserstoff in Lösung (Flußsäure)

Hydrofluoric acid solutions

Acide fluorhydrique en solution

Acido fluoridrico in soluzione

Fluorwaterstof in oplossing

C R : 58-82

S : 15-31-65-67-73-76-91-94-108

## 4. Opløselige fluorider

Fluoride, lösliche

Soluble fluorides

Fluorures solubles

Fluoruri solubili

Fluoriden, oplosbaar

T R : 55

S : 3-11-21-31-51-63-67-72-91-108

## 5. Sure fluorider

Hydrogenfluoride (saure Fluoride)

Bifluorides

Fluorures acides

Fluoruri acidi

Bifluoriden

C R : 58-81

S : 12-21-31-51-63-67-73-91-94

HBF<sub>4</sub>6. Hydrogenborfluorid (Tetrafluorborsyre) i opløsninger med mere end 25 % HBF<sub>4</sub>Tetrafluoroborsäure in Lösungen mit mehr als 25 % HBF<sub>4</sub> (Borfluorwasserstoffsäure)Fluoroboric acid solutions containing more than 25 per cent HBF<sub>4</sub>Acide fluoborique en solutions contenant plus de 25 % de HBF<sub>4</sub>Acido fluoborico in soluzioni con oltre il 25 % di HBF<sub>4</sub>Tetrafluorboorzuur (boorfluorwaterstof in oplossingen met meer dan 25 % HBF<sub>4</sub>)

C R : 81

S : 11-32-53-65-67-94

H<sub>2</sub>SiF<sub>6</sub>7. Hydrogensiliciumfluorid (fluskiselsyre) i opløsninger med mere end 25 % H<sub>2</sub>SiF<sub>6</sub>Hexafluorokieselsäure in Lösungen mit mehr als 25 % H<sub>2</sub>SiF<sub>6</sub> (Kieselfluorwasserstoffsäure)Fluorosilicic acid solutions containing more than 25 per cent H<sub>2</sub>SiF<sub>6</sub>Acide fluosilicique en solutions contenant plus de 25 % de H<sub>2</sub>SiF<sub>6</sub>Acido fluosilicico in soluzioni con oltre il 25 % di H<sub>2</sub>SiF<sub>6</sub>Hexafluorokiezelsuur (kieselfluorwaterstof) in oplossingen met meer dan 25 % H<sub>2</sub>SiF<sub>6</sub>

C R : 81

S : 13-32-53-65-67-94

9.

## 8. Siliciumfluorider

Fluorosilikate

Fluorosilicates

Fluosilicates

Fluosilicati

Hexafluorokieselzuur (zouten van), silicofluoriden

Xn R : 54

S : 12-21-31-51-63-91

CH<sub>2</sub>FCCOH

## 9. Monofluoreddikesyre og dens opløselige salte

Monofluoressigsäure und ihre löslichen Salze

Monofluoroacetic acid and its soluble salts

Acide fluoracétique et ses sels solubles

Acido monofluoroacetico e suoi sali solubili

Monofluorazijnzuur en oplosbare zouten

T R : 55

S : 3-14-21-31-51-63-72-91-108

CH<sub>2</sub>F—CONH<sub>2</sub>

## 10. Monofluoracetamid

Monofluor-acetamid

Monofluoroacetamide

Fluoracétamide

Monofluoracetammide

Monofluoraceetamide

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108

NATRIUM — NATRIUM — SODIUM — SODIUM — SODIO — NATRIUM

11.

Na

## 1. Natrium

Natrium

Sodium

Sodium

Sodio

Natrium

F R : 29

S : 12-23-37-65-103

NaOH

## 2. Natriumhydroxid

Natriumhydroxid, wasserfrei (Ätznatron)

Sodium hydroxide anhydrous (Caustic soda)

Soude caustique anhydre (Hydroxyde de sodium)

Idrossido di sodio anidro

Natriumhydroxide, watervrij

C R : 82

S : 2-12-35-63-67-71-73-77-109



NaOH 11.

3. Natriumhydroxidopløsning indeholdende mere end 10%, NaOH  
 Natriumhydroxidlösungen (Natronlauge) mit einem Gehalt von mehr als 10% NaOH  
 Sodium hydroxide solutions containing more than 10 per cent NaOH  
 Soude caustique (Hydroxyde de sodium) en solutions contenant plus de 10% de NaOH  
 Idrossido di sodio in soluzioni con oltre il 10% NaOH  
 Natriumhydroxideoplossingen met meer dan 10% NaOH

C R : 82  
 S : 2-12-35-63-67-71-73-77-109

Na<sub>2</sub>O<sub>2</sub>

4. Natriumperoxid  
 Natriumperoxid  
 Sodium peroxide  
 Peroxyde de sodium  
 Perossido di sodio  
 Natriumperoxide

O + C R : 12-82  
 S : 11-22-29-38-65-71-73-77-109

MAGNESIUM — MAGNESIUM — MAGNESIUM — MAGNÉSIUM — MAGNESIO — MAGNESIUM 12.

Mg

1. Magnesiumpulver  
 Magnesiumpulver  
 Magnesium powder  
 Magnésium en poudre  
 Polvere di magnesio  
 Magnesiumpoeder

F R : 29-31  
 S : 13-18-36-103

2. Magnesiumalkylderivater  
 Magnesiumalkyle  
 Magnesium alkyls  
 Dérivés alkyles du magnésium  
 Composti alchilici del magnesio  
 Magnesiumalkylen

F + C R : 29-31-81  
 S : 37-65-71-103

ALUMINIUM — ALUMINIUM — ALUMINIUM — ALUMINIUM — ALLUMINIO — ALUMINIUM 13.

Al

1. Aluminiumpulver  
 Aluminiumpulver  
 Aluminium powder  
 Aluminium en poudre  
 Polvere di alluminio  
 Aluminiumpoeder

F R : 29-31  
 S : 13-18-36-103

- 13.
- AlCl<sub>3</sub>**
2. Aluminiumklorid, vandfri  
 Aluminiumchlorid, wasserfrei  
 Aluminium chloride anhydrous  
 Chlorure d'aluminium anhydre  
 Cloruro di alluminio anidro  
 Aluminiumchloride, watervrij
- Xi R : 84  
 S : 12-23-52-63-67-91-94
3. Aluminiumalkylderivater  
 Aluminiumalkyle  
 Aluminium alkyls  
 Dérivés alkylés de l'aluminium  
 Composti alchilici dell'alluminio  
 Aluminiumalkylen
- F + C R : 29-31-81  
 S : 24-37-65-71-103

**SILICIUM — SILICIUM — SILICON— SILICIUM — SILICIO — SILICIUM**

14.

- SiHCl<sub>3</sub>**
1. Triklorsilan  
 Trichlorsilan  
 Trichlorosilane  
 Trichlorosilane (Silicochloroforme)  
 Triclorosilano  
 Trichloorsilaan
- F R : 29  
 S : 12-24-37-65-103
- SiCl<sub>4</sub>**
2. Siliciumtetraklorid  
 Siliciumtetrachlorid  
 Silicon tetrachloride  
 Tétrachlorure de silicium  
 Tetracloruro di silicio  
 Siliciumtetrachloride
- Xi R : 84  
 S : 15-24-32-53-65-67-91-94

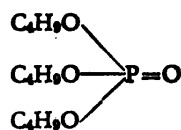
**FOSFOR — PHOSPHOR — PHOSPHORUS — PHOSPHORE — FOSFORO — FOSFOR**

15.

- P**
1. Fosfor, gult  
 Tetraphosphor (weißer Phosphor, gelber Phosphor)  
 White phosphorus  
 Phosphore blanc  
 Fosforo bianco  
 gele of witte fosfor
- F + T R : 31-56-82  
 S : 4-5-40-65-66-71-102-108

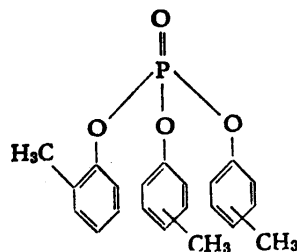
- P
2. Rødt fosfor  
Roter Phosphor  
Red phosphorus  
Phosphore rouge  
Fosforo rosso  
Rode fosfor  
F R : 22-30  
S : 11-22-28-37-39-104
- $\text{Ca}_3\text{P}_2$
3. Calciumfosfid  
Calciumphosphid  
Calcium phosphide  
Phosphure de calcium  
Fosfuro di calcio  
Calciumfosfide  
F + T R : 29-69  
S : 3-12-23-37-65-71-76-103-108
- AIP
4. Aluminiumfosfid  
Aluminiumphosphid  
Aluminium phosphide  
Phosphure d'aluminium  
Fosfuro di alluminio  
Aluminiumfosfide  
F + T R : 29-69  
S : 3-12-24-37-65-71-76-103-108
- $\text{Mg}_3\text{P}_2$
5. Magnesiumfosfid  
Magnesiumphosphid  
Magnesium phosphide  
Phosphure de magnésium  
Fosfuro di magnesio  
Magnesiumfosfide  
F + T R : 29-69  
S : 3-12-24-37-65-71-76-103-108
- $\text{Zn}_3\text{P}_2$
6. Zinkfosfid  
Zinkphosphid  
Zinc phosphide  
Phosphure de zinc  
Fosfuro di zinco  
Zinkfosfide  
T R : 55-69  
S : 3-12-21-31-35-65-71-76-91-103-108
- $\text{PCl}_3$
7. Fosfortriklorid  
Phosphortrichlorid  
Phosphorus trichloride  
Trichlorure de phosphore  
Tricloruro di fosforo  
Fosfortrichloride  
C R : 64-81-84  
S : 15-24-65-76-94

- $\text{PCl}_5$
8. Fosforpentaklorid  
Phosphorpentachlorid  
Phosphorus pentachloride  
Pentachlorure de phosphore  
Pentacloruro di fosforo  
Fosforpentachloride  
C R : 64-81-84  
S : 15-24-65-76-94
- $\text{POCl}_3$
9. Fosforoxiklorid  
Phosphoroxidchlorid (Phosphorylchlorid)  
Phosphorus oxychloride  
Oxychlorure de phosphore  
Ossicloruro di fosforo  
Fosforoxychloride  
C R : 64-81-84  
S : 15-24-65-76-94
- $\text{P}_2\text{O}_5$
10. Fosforpentaoxid  
Phosphorpentoxid  
Phosphorus pentoxide  
Anhydride phosphorique  
Anidride fosforica  
Fosforpentaoxide  
C R : 82  
S : 11-51-63-77-91-94
- $\text{H}_3\text{PO}_4$
11. Fosforsyre i opløsninger med mindst 25 %  $\text{H}_3\text{PO}_4$   
Phosphorsäure in Lösungen mit mehr als 25 %  $\text{H}_3\text{PO}_4$   
Phosphoric acid solutions containing more than 25 per cent  $\text{H}_3\text{PO}_4$   
Acide phosphorique en solutions contenant plus de 25 % de  $\text{H}_3\text{PO}_4$   
Acido fosforico in soluzioni con oltre il 25 % di  $\text{H}_3\text{PO}_4$   
Fosforzuuropløsningen met meer dan 25 %  $\text{H}_3\text{PO}_4$   
C R : 81  
S : 11-65-94-109
- $\text{P}_4\text{S}_3$
12. Tetrafosfortrisulfid, (Fosforsesquisulfid)  
Tetraphosphortrisulfid (Phosphorsesquisulfid)  
Phosphorus sesquisulphide  
Sesquisulfure de phosphore  
Trisolfuro di fosforo  
Tetrafosfortrisulfide  
E R : 22  
S : 11-22-37-104
- $\text{C}_2\text{H}_5\text{O}$   
 $\text{C}_2\text{H}_5\text{O}$   
 $\text{C}_2\text{H}_5\text{O}$   $\rightarrow$   $\text{P}=\text{O}$
13. Triethylfosfat  
Triäthylphosphat  
Triethyl phosphate  
Phosphate de triéthyle  
Trietilfosfato  
Triethylfosfaat  
Xn R : 54  
S : 11-63



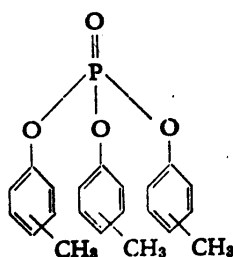
14. Tributylfosfat  
Tributylphosphat  
Tributyl phosphate  
Phosphate de tributyle  
Tributilfosfato  
Tributilfosfaat

Xn R : 54  
S : 11-63



15. Trikresylfosfat (o.o.o.-o.o.m.-o.o.p.-o.m.m.-o.m.p.-o.p.p.)  
Trikresylphosphate (o.o.o.-o.o.m.-o.o.p.-o.m.m.-o.m.p.-o.p.p.)  
Tricresyl phosphates (o.o.o.-o.o.m.-o.o.p.-o.m.m.-o.m.p.-o.p.p.)  
Phosphates de tricrésyle (o.o.o.-o.o.m.-o.o.p.-o.m.m.-o.m.p.-o.p.p.)  
Tricresilfosfati (o.o.o.-o.o.m.-o.o.p.-o.m.m.-o.m.p.-o.p.p.)  
Tricresylfosfaten (o.o.o.-o.o.m.-o.o.p.-o.m.m.-o.m.p.-o.p.p.)

T R : 58  
S : 11-21-31-65-91



16. Trikresylfosfat (m.m.m.-m.m.p.-m.p.p.-p.p.p.)  
Trikresylphosphate (m.m.m.-m.m.p.-m.p.p.-p.p.p.)  
Tritolyl phosphate (m.m.m.-m.m.p.-m.p.p.-p.p.p.)  
Phosphates de tricrésyle (m.m.m.-m.m.p.-m.p.p.-p.p.p.)  
Tricresilfosfati (m.m.m.-m.m.p.-m.p.p.-p.p.p.)  
Tricresylfosfaten (m.m.m.-m.m.p.-m.p.p.-p.p.p.)

Xn R : 57  
S : 11-21-31-65-91

17. Trikresylfosfat (blandinger indeholdende mere end 3% forestret ortho-kresol)  
Trikresylphosphate (Mischungen mit mehr als 3% verestertem Ortho-kresol)  
Tritolyl phosphates (mixtures containing more than 3 per cent esterified o-cresol)  
Phosphates de tricrésyle (mélanges contenant plus de 3% d'orthocrésol estérifié)  
Tricresilfosfati (miscela contenenti più del 3% di ortocresolo esterificato)  
Tricresylfosfaten (mengsels met meer dan 3% orthoisomeer)

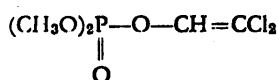
T R : 58  
S : 11-21-31-65-91

18. Trikresylfosfat (blandinger indeholdende højst 3% forestret ortho-kresol)  
Trikresylphosphate (Mischungen mit höchstens 3% verestertem Ortho-kresol)  
Tritolyl phosphates (mixtures containing a maximum of 3 per cent esterified o-cresol)  
Phosphates de tricrésyle (mélanges contenant au plus 3% d'orthocrésol estérifié)  
Tricresilfosfati (miscela contenenti non più del 3% di ortocresolo esterificato)  
Tricresylfosfaten (mengsels met maximaal 3% orthoisomeer)

Xn R : 57  
S : 11-21-31-65-91

15.

15.

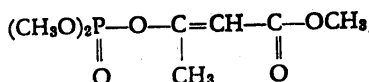


## 19. dichlorvos (DDVP)

(0,0-dimethyl-2,2-diklorvinylfosfat)  
 (2,2-Dichlor-vinyl)-dimethyl-phosphat  
 2,2-Dichlorovinyl dimethyl phosphate  
 Phosphate de diméthyle et de 2,2-dichlorovinyle  
 (2,2-Dicloro-vinil)-dimetil-fosfato  
 (2,2-Dichloorvinyl)-dimethyl-fosfaat (dichloorvos)

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108

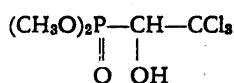


## 20. mevinphos

(O,O-dimethyl-O-(2-methoxycarbonyl-1-methylvinyl)-fosfat)  
 (2-Methoxycarbonyl-1-methyl-vinyl)-dimethyl-phosphat  
 2-Methoxycarbonyl-1-methylvinyl dimethyl phosphate  
 Phosphate de diméthyle et de 2-méthoxycarbonyl-1-méthyl-vinyle  
 (2-Metossicarbonil-1-metil-vinil)-dimetil-fosfato  
 (2-Methoxycarbonyl-1-methylvinyl)-dimethyl-fosfaat (mevinfos)

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108

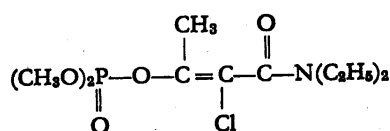


## 21. trichlorfon

(O,O-dimethyl-2,2,2-triklor-1-hydroxy-ethyl-fosfonat)  
 O,O-Dimethyl-(2,2,2-trichlor-1-hydroxy-äthyl)-phosphonat  
 Dimethyl 2,2,2-trichloro-1-hydroxyethylphosphonate  
 (1-Hydroxy-2,2,2-trichloréthyl)phosphonate de diméthyle  
 O,O-Dimetil-(2,2,2-tricloro-1-idrossi-etil)-fosfonato  
 O,O-Dimethyl-(2,2,2-trichloor-1-hydroxyethyl)-fosfonaat (trichloorfon)

Xn R : 57

S : 2-11-21-31-53-65

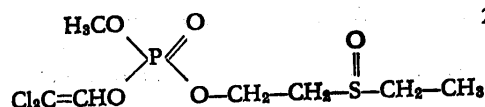


## 22. phosphamidon

(O,O-dimethyl-O-(1-methyl-2-klor-2-diethyl-carbamoyl-vinyl)-fosfat)  
 (2-Chlor-3-diäthylamino-1-methyl-3-oxo-prop-1-en-yl)-dimethyl-phosphat  
 2-Chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate  
 Phosphate de diméthyle et de 2-chloro-2-diéthylcarbamoyl-1-méthyl-vinyle  
 (2-Cloro-3-dietilammino-1-metil-3-oxo-prop-1-en-il)-dimetil-fosfato (fosfamidone)  
 (2-Chloor-3-diethylamino-1-methyl-3-oxo-prop-1-en-yl)-dimethylfosfaat (fosfamidon)

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108



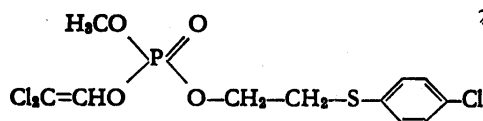
## 23. (O-(2,2-diklorvinyl)-O-methyl-O-(2-ethylsulfinyl-ethyl)-fosfat)

O-(2,2-Dichlor-vinyl)-O-methyl-O-(2-äthylsulfinyl-äthyl)-phosphat  
 2,2-Dichlorovinyl 2-ethylsulphinyethyl methyl phosphate  
 Phosphate de méthyle, de 2,2-dichlorovinyle et de 2-éthylsulfinyl-éthyle  
 O-(2,2-Dicloro-vinil)-O-metil-O-(2-etil-solfinil-etil)-fosfato  
 O-(2,2-Dichloorvinyl)-O-methyl-O-(2-ethylsulfinyl-ethyl)-fosfaat

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108

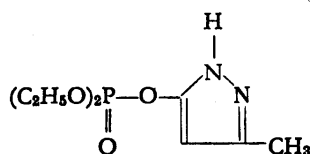
15.



24. (O-(2-(4-klorphenyl-thio)-ethyl)-O-(2,2-diklorovinyl)-O-methyl-fosfat)  
 O-[2-(4-Chlor-phenyl-thio)-äthyl]-O-(2,2-dichlor-vinyl)-O-methyl-phosphat  
 2-(4-Chlorophenylthio)ethyl 2,2-dichlorovinyl methyl phosphate  
 Phosphate de méthyle, de 2,2-dichlorovinyle et de 2-(4-chlorophénylthio)-éthyle  
 O-[2-(4-cloro-fenil-tio)-etil]-O-(2,2-dicloro-vinil)-O-metil-fosfato  
 O-[2-(4-Chloorfenylthio)ethyl]-O-(2,2-dichloor-vinyl)-O-methylfosfaat

T R : 58

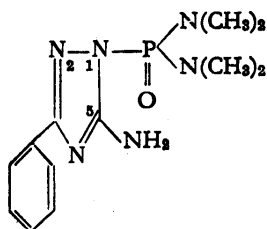
S : 3-11-21-31-53-63-71-72-75-77-92-93-108



25. (pyrazoxon)  
 O,O-diethyl-O-(3-methyl-1H-pyrazol-5-yl)-fosfat  
 O,O-Diäthyl-O-(3-methyl-1H-pyrazol-5-yl)-phosphat  
 Diethyl 3-methyl-pyrazol-5-yl phosphate  
 Phosphate de diéthyle et de 3-méthyl-5-pyrazolyle  
 O,O-Dietil-O-(3-metil-1H-pirazol-5-il)-fosfato  
 O,O-Diethyl-O-(3-methyl-1H-pyrazol-5-yl)-fosfaat

T R : 58

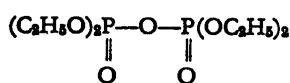
S : 3-11-21-31-53-63-71-72-75-77-92-93-108



26. triamiphos  
 (5-amino-3-phenyl-1-bis(dimethylamino)-fosforyl-1,2,4-triazol)  
 5-Amino-3-phenyl-1-bis(dimethylamino)-phosphoryl-1H-1,2,4-triazol;  
 O-(5-Amino-3-phenyl-1H-1,2,4-triazol-1-yl)-phosphorsäure-bis(N,N-dimethylamid)  
 5-Amino-1-(bisdimethylaminophosphinyl)-3-phenyl-1,2,4-triazole  
 5-Amino-3-phényl-1-bis (diméthylamino-phosphoryl-1,2,4-triazole  
 5-Ammino-3-fenil-1-bis(dimetilammino)-fosforil-1,2,4-triazolo  
 5-Amino-3-fenyl-1-bis(dimethyl-amino)fosforyl-1,2,4-triazool (triamfos)

T R : 58

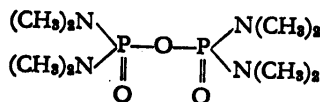
S : 3-11-21-31-53-63-71-72-75-77-92-93-108



27. TEPP  
 (tetraethylpyrofosfat)  
 O,O,O,O-Tetraäthyl-diphosphat  
 Tetraethyl pyrophosphate  
 Pyrophosphate de tétraéthyle  
 O,O,O,O-Tetraetil-pirofosfato  
 O,O,O,O-Tetraethyldifosfaat

T R : 58

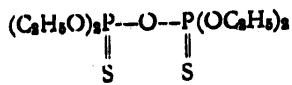
S : 3-11-21-31-53-63-71-72-75-77-92-93-108



28. schradan  
 (octamethylpyrofosforsyretetramid)  
 Octamethyl-diphosphorsäure-tetramid  
 Octamethylpyrophosphoramid  
 Octaméthylpyrophosphoramide (schradane)  
 Ottometil-pirofosforamide  
 Octamethyldifosforzuur-tetramide

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108

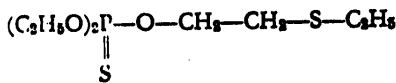


## 29. sulfotep

(O,O,O,O)-tetraethylthiopyrophosfat  
 O,O,O,O-Tetraäthyl-dithio-diphosphat  
 OOOO-Tetraethyl dithiopyrophosphate  
 Dithiopyrophosphate de O,O,O,O-tétraéthyle  
 O,O,O,O-Tetraetil-ditio-pirofosfato  
 O,O,O,O-Tetraethyl-dithiodifosfaat

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108

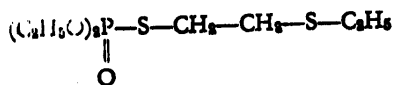


## 30. demeton-O

(O,O)-diethyl-O-(2-(ethylthio)-ethyl)-thiofosfat  
 O,O-Diäthyl-O-(2-äthylthio-äthyl)-monothiophosphat  
 OO-Diethyl O-2-(ethylthio)ethyl phosphorothioate  
 Thiophosphate de O,O-diéthyle et de O-(2-éthylthio-éthyle)  
 O,O-Dietil-O-(2-etiltio-etil)-monotiofosfato  
 O,O-Diethyl-O(2-ethylthioethyl)-monothiophosfaat

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108

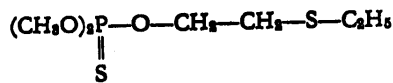


## 31. demeton-S

(O,O)-diethyl-S-(2-(ethylthio)-ethyl)-thiofosfat  
 O,O-Diäthyl-S-(2-äthylthio-äthyl)-monothiophosphat  
 OO-Diethyl S-2-(ethylthio)ethyl phosphorothioate  
 Thiophosphate de O,O-diéthyle et de S-(2-éthylthio-éthyle)  
 O,O-Dietil-S-(2-etiltio-etil)-monotiofosfato  
 O,O-Diethyl-S-(2-ethylthioethyl)-monothiophosfaat

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108

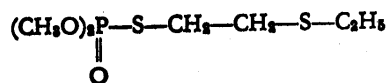


## 32. demeton-O-methyl

(O,O)-dimethyl-O-(2-(ethylthio)-ethyl)-thiofosfat  
 O,O-Dimethyl-O-(2-äthylthio-äthyl)-monothiophosphat  
 O-[2-(Ethylthio)ethyl] OO-dimethyl phosphorothioate  
 Thiophosphate de O,O-diméthyle et de O-(2-éthylthio-éthyle)  
 O,O-Dimetil-O-(2-etiltio-etil)-monotiofosfato (demeton-O-metile)  
 O,O-Dimethyl-O-(2-ethylthiomethyl)-monothiophosfaat

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108



## 33. demeton-S-methyl

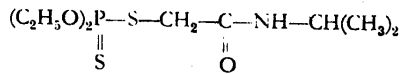
(O,O)-dimethyl-S-(2-(ethylthio)-ethyl)-thiofosfat  
 O,O-Dimethyl-S-(2-äthylthio-äthyl)-monothiophosphat  
 S-2-(Ethylthio)ethyl OO-dimethyl phosphorothioate  
 Thiophosphate de O,O-diméthyle et de S-(2-éthylthio-éthyle)  
 O,O-Dimetil-S-(2-etiltio-etil)-monotiofosfato (demeton-S-metile)  
 O,O-Dimethyl-S-(2-ethylthioethyl)-monothiophosfaat

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108



15.

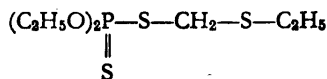


## 34. prothoate

(O,O-diethyl-S-(N-isopropylcarbamoylmethyl)-dithiofosfat)  
 O,O-Diäthyl-S-(4-methyl-2-oxo-3-aza-pentyl)-dithiophosphat  
 OO-Diethyl S-(N-isopropylcarbamoylmethyl) phosphorodithioate  
 Dithiophosphate de O,O-diéthyle et de S-(N-isopropylcarbamoyl-méthyle)  
 O,O-Dietil-S-(N-isopropil-carbamoil-metil)-ditiiofosfato (prothoate)  
 O,O-Diethyl-S-(4-methyl-2-oxo-3-aza-pentyl)-dithiofosfaat (prothoaat)

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108

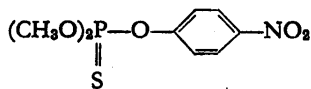


## 35. phorate

(O,O-diethyl-S-(ethylthiomethyl)-dithiofosfat)  
 O,O-Diäthyl-S-(äthylthio-methyl)-dithiophosphat  
 OO-Diethyl S-(ethylthiomethyl) phosphorodithioate  
 Dithiophosphate de O,O-diéthyle et de S-(éthylthio-méthyle)  
 O,O-Dietil-S-(etiltio-metil)-ditiiofosfato  
 O,O-Diethyl-S-(ehtylthiomethyl)-dithiofosfaat (foraat)

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108

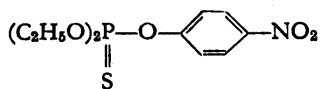


## 36. parathion-methyl

(O,O-dimethyl-O-(4-nitrophenyl)-thiofosfat)  
 O,O-Dimethyl-O-(4-nitro-phenyl)-monothiophosphat  
 OO-Dimethyl O-4-nitrophenyl phosphorothioate  
 Thiophosphate de O,O-diméthyle et de O-(4-nitrophényle)  
 O,O-Dimetil-O-(4-nitro-fenil)-monotiofosfato (parathion-metile)  
 O,O-Dimethyl-O-(4-nitrofenyl)-monothiiofosfaat

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108

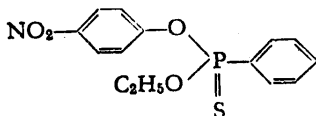


## 37. parathion

(O,O-diethyl-O-(4-nitrophenyl)-thiofosfat)  
 O,O-Diäthyl-O-(4-nitro-phenyl)-monothiophosphat  
 OO-Diethyl O-4-nitrophenyl phosphorothioate  
 Thiophosphate de O,O-diéthyle et de O-(4-nitrophényle)  
 O,O-Dietil-O-(4-nitro-fenil)-monotiofosfato  
 O,O-Diethyl-O-(4-nitrofenyl)-monothiiofosfaat

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108



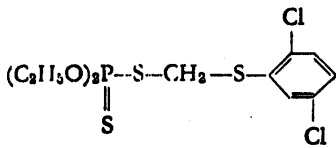
## 38. (EPN)

(O-ethyl-O-(4-nitrophenyl)-phenylthiofosfonat)  
 O-Äthyl-O-(4-nitro-phenyl)-phenyl-monothio-phosphonat  
 O-Ethyl O-4-nitrophenyl phenylphosphonothioate  
 Phénylthiophosphonate de O-éthyle et de O-(4-nitrophényle)  
 O-Etil-O-[(4-nitro-fenil)-fenil]-monotio-fosfonato  
 O-Ehtyl-O-[(4-nitrofenyl)-fenyl]-monothio-fosfonaat

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108

15.



## 39. phenkapton

(O,O-diethyl-S-(2,5-diklorphenylthiomethyl)-dithiofosfat

O,O-Diäthyl-S-[(2,5-dichlor-phenyl-thio)methyl]-dithiophosphat

S-(2,5-Dichlorophenylthiomethyl) OO-diethyl phosphorodithioate

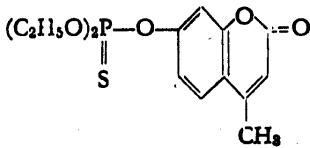
Dithiophosphate de O,O-diéthyle et de S-(2,5-dichlorophénylthio-méthyle)

O,O-Dietil-S-[(2,5-dicloro-fenil-rio)-metil]-ditiofosfato

O,O-Diethyl-S-[(2,5-dichloorfenylthio)-methyl]-dithiofosfaat (fenkapton)

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108



## 40. O,O-diethyl-O-(4-methyl-7-coumarinyl)-thiofosfat

O,O-Diäthyl-O-(4-methyl-cumarin-7-yl)-monothiophosphat

OO-Diethyl O-4-methylcoumarin-7-yl phosphorothioate

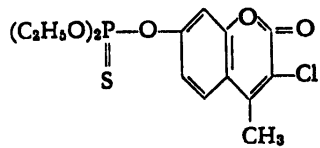
Thiophosphate de O,O-diéthyle et de O-(4-méthyl-7-coumarinyle)

O,O-Dietil-O-(4-metilcumarin-7-il)-monotio-fosfato

O,O-Diethyl-O-(4-methylcumarin-7-yl)monothio-fosfaat

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108



## 41. coumaphos

(O,O-diethyl-O-(3-klor-4-methyl-7-coumarinyl)-thiofosfat

O,O-Diäthyl-O-(3-chlor-4-methylcumarin-7-yl)-monothiophosphat

O-3-Chloro-4-methylcoumarin-7-yl OO-diethyl phosphorothioate

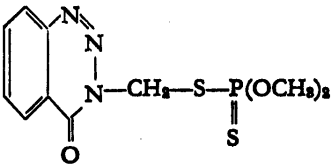
Thiophosphate de O,O-diéthyle et de O-(3-chloro-4-méthyl-7-coumarinyle)

O,O-Dietil-O-(3-cloro-4-metil-cumarin-4-il)monotiofosfato

O,O-Diethyl-O-(3-chloor-methylcumarin-7-yl)-monothiofosfaat(cumafos)

T R : 58

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## 42. azinphos-méthyl

(O,O-dimethyl-S-(3,4-dihydro-4-oxobenzodj-[1,2,3]-triazin-3-yl)-methyl-dithiofosfat

O,O-Dimethyl-S-[4-oxo-3H-1,2,3-benzotriazin-3-yl)methyl]-dithiophosphat

S-(3,4-Dihydro-4-oxobenzodj[1,2,3]triazin-3-yl)methyl) OO-dimethyl phosphorodithioate

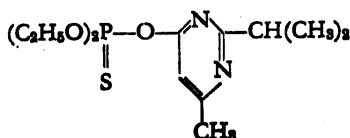
Dithiophosphate de O,O-diméthyle et de S-(4-oxo-3,4-dihydro-1,2,3-benzotriazine-3-yl)méthyle

O,O-Dimetil-S-[(4-oxo-3H-1,2,3-benzotriazin-3-il)-metil]-ditiofosfato (azinphos metile)

O,O-Dimethyl-S-[(4-oxo-3H-1,2,3-benzotriazin-3-yl)-methyl]-dithiofosfaat (azinphos-methyl)

T R : 58

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## 43. diazinon

(O,O-diethyl-O-(2-isopropyl-6'-methyl-4-pyrimidinyl)-thiofosfat

O,O-Diäthyl-O-(2-isopropyl-4-methyl-pyrimidin-6-yl)-monothiophosphat

OO-Diethyl O-(2-isopropyl-6-methylpyrimidin-4-yl) phosphorothioate

Thiophosphate de O,O-diéthyle et de O-(2-isopropyl-4-méthyl-6-pyrimidyle)

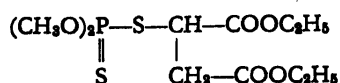
O,O-Dietil-O-(2-isopropil-4-metil-pirimidin-6-il)-monotiofosfato (diazinone)

O,O-Diethyl-O-(2-isopropyl-4-methyl-pyrimidin-6-yl)monothiofosfaat

Xn R : 57

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15.

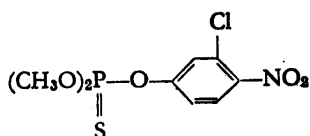


## 44. malathion

(*O,O*-dimethyl-*S*-(1,2-bis(ethoxycarbonyl)ethyl)-dithiofosfat)  
*S*-[1,2-bis(Äthoxy-carbonyl)äthyl]-*O,O*-dimethyl-dithiophosphat  
*S*-[1,2-Di(ethoxycarbonyl)ethyl] *OO*-dimethyl phosphorodithioate  
 Dithiophosphate de *O,O*-diméthyle et de *S*-(1,2-diéthoxycarbonyl-éthyle)  
*S*-[1,2-bis(etossi-carbonil)-etil]-*O,O*-dimetil-ditiofosfato  
*S*-[1,2-bis(ethoxycarbonyl)-ethyl]-*O,O*-dimethyl-dithiofosfaat

Xn R : 57

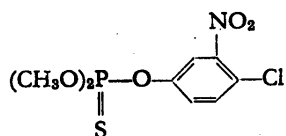
S : 2-11-21-31-53-65

45. methylklorthion, (*O,O*-dimethyl-*O*-(3-klor-4-nitrophenyl)-thiofosfat)

*O*-(3-Chlor-4-nitro-phenyl)-*O,O*-dimethyl-monothiophosphat(chlorthion)  
*O*-3-Chloro-4-nitrophenyl *OO*-dimethyl phosphorothioate  
 Thiophosphate de *O,O*-diméthyle et de *O*-(3-chloro-4-nitrophényle)  
 (chlorthion)  
*O*-(3-Cloro-4-nitro-fenil)-*O,O*-dimetil-monotiofosfato  
*O*-(3-Chloor-4-nitrofenyl)-*O,O*-dimethyl-monothiophosfaat (chloorthion)

Xn R : 57

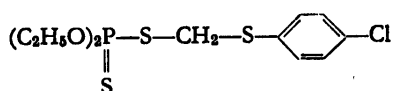
S : 2-11-21-31-53-65

46. phosniklor, (*O,O*-dimethyl-*O*-(4-klor-3-nitrophenyl)-thiofosfat)

*O*-(4-Chlor-3-nitro-phenyl)-*O,O*-dimethyl-monothiophosphat  
*O*-4-Chloro-3-nitrophenyl *OO*-dimethyl phosphorothioate  
 Thiophosphate de *O,O*-diméthyle et de *O*-(4-chloro-3-nitrophényle)  
 (nichlorfos)  
*O*-(4-cloro-3-nitro-fenil)-*O,O*-dimetil-monotiofosfato  
*O*-(4-Chloor-3-nitrofenyl)-*O,O*-dimethyl-monothiophosfaat  
 (isochloorthion)

Xn R : 57

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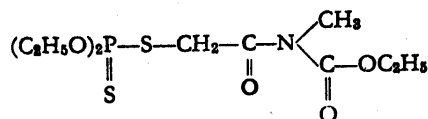


## 47. carbophenothion

(*O,O*-diethyl-*S*-(4-klorphenylthiomethyl)-dithiofosfat)  
*O,O*-Diäthyl-*S*-[(4-chlor-phenyl-thio)-methyl]-dithiophosphat  
*S*-(4-Chlorophenylthiomethyl) *OO*-diethyl phosphorodithioate  
 Dithiophosphate de *O,O*-diéthyle et de *S*-(4-chlorophénylthio-méthyle)  
*O,O*-Dietyl-*S*-[(4-cloro-fenil-tio)-metil]-ditiofosfato  
*O,O*-Diethyl-*S*-[(4-chloorfenyl-thio)-methyl]-dithiofosfaat  
 (carbophenothion)

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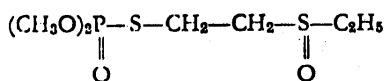
## 48. mecarbam

(*O,O*-diethyl-*S*-(*N*-ethoxycarbonyl-*N*-methyl-carbamoyl-methyl)-dithiofosfat)  
*O,O*-Diäthyl-*S*-(3-methyl-2,4-dioxo-5-oxa-3-aza-heptyl)-dithiophosphat  
*S*-(*N*-Ethoxycarbonyl-*N*-methylcarbamoylmethyl) *OO*-diethyl phosphorodithioate  
 Dithiophosphate de *O,O*-diéthyle et de *S*-(*N*-méthyl *N*-éthoxycarbonyl-carbamoyl-méthyle) (mécabame)  
*O,O*-Dietyl-*S*-(*N*-etossi-carbonil-*N*-metil-carbamoiil-metil)-ditiofosfato  
*O,O*-Diethyl-*S*-(3-methyl-2,4-dioxo-5-oxa-3-aza-heptyl)-dithiofosfaat

T R : 58

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15.



## 49. oxydemeton-methyl

(O,O-dimethyl-S-(2-(ethylsulfinyl)-ethyl)-thiofosfat)

O,O-Dimethyl-S-(2-äthylsulfinyl-äthyl)-monothiophosphat

S-[2-(Ethylsulphinyl)ethyl] OO-dimethyl phosphorothioate

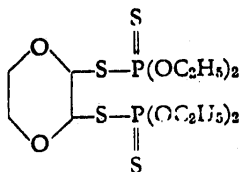
Thiophosphate de O,O-diméthyle et de S-(2-éthylsulfinyl-éthyle)

O,O-Dimetil-S-(2-etil-solfinil-etil)-monotio-fosfato (oxydemeton-metile)

O,O-Dimethyl-S-(2-ethylsulfinylethyl)-monothiophosfaat

T R : 58

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## 50. dioxathion

(S,S'-(1,4-dioxan-2,3-diyl)-bis-(O,O-diethyl-dithiofosfat))

1,4-Dioxan-2,3-diyl-bis-(O,O-diäthyl-dithiophosphat)

1,4-Dioxan-2,3-diyl SS'-bis-(OO-diethyl phosphorodithioate)

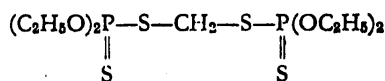
Bis(dithiophosphate de O,O-diéthyle) de S,S'-(1,4 dioxane-2,3-diyle)

1,4-Diossan-2,3-diil-bis(O,O-dietil-ditiofosfato)

1,4-Dioxaan-2,3-diyl-bis(O,O-diethyl-dithiofosfaat)

T R : 58

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## 51. ethion

(methylenbis-(O,O-diethyl-dithiofosfat))

Methylen-S,S'-bis(O,O-diäthyl-dithiophosphat)

OOO'O'-Tetraethyl SS'-methylene di(phosphorodithioate)

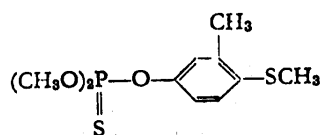
Bis(dithiophosphate de O,O-diéthyle) de S,S'-méthylène (diéthion)

Metilen-S,S'-bis(O,O-dietil-ditiofosfato)

Methyleen-S,S'-bis(O,O-diethyl-dithiofosfaat)

T R : 58

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## 52. fenthion

(O,O-dimethyl-O-(3-methyl-4-methylthiophenyl)-thiofosfat)

O,O-Dimethyl-O-(3-methyl-4-methylthio-phenyl)-monothiophosphat

OO-Dimethyl O-(3-methyl-4-methylthiophenyl) phosphorothioate

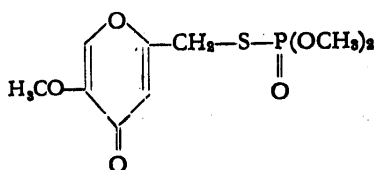
Thiophosphate de O,O-diméthyle et de O-(3-méthyl-4-méthylthio-phényle)

O,O-Dimetil-O-(3-metil-4-metiltio-fenil)-monotiofosfato

O,O-Dimethyl-O-(3-methyl-4-methylthiofenyl)-monothiophosfaat

T R : 58

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## 53. endothion

(O,O-dimethyl-S-(5-methoxy-4-pyron-2-ylmethyl)-thiofosfat)

S-[(5-Methoxy-4H-pyron-2-yl)-methyl]-O,O-dimethyl-monothiophosphat

S-(5-Methoxy-4-pyron-2-ylmethyl) OO-dimethyl phosphorothioate

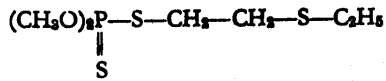
Thiophosphate de O,O-diméthyle et de S-(5-méthoxy-4-pyron-2-yl)-méthyle

S-[(5-metossi-4H-piron-2-il)-metil]-O,O-dimetil-monotiofosfato

S-[(5-Methoxy-4H-paron-2-yl)-methyl]-O,O-dimethylmonothiophosfaat

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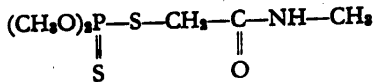


## 54. thiometon

(O,O-dimethyl-S-(2-(ethylthio)-ethyl)-dithiofosfat)  
 O,O-Dimethyl-S-(2-äthylthio-äthyl)-dithiophosphat  
 S-[2-(Ethylthio)ethyl] OO-dimethyl phosphorodithioate  
 Dithiophosphate de O,O-diméthyle et de S-(2-éthylthio-éthyle)  
 (dithiométon)  
 O,O-Dimetil-S-(2-etiltio-ctil)-ditiiofosfato  
 O,O-Dimethyl-S-(2-ethylthioethyl)-dithiofosfaat

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108

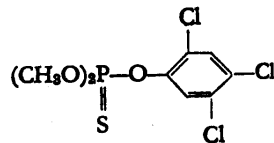


## 55. dimethoat

(O,O-dimethyl-S-(N-methylcarbamoylmethyl)-dithiofosfat)  
 O,O-Dimethyl-S-(N-methyl-carbamoyl)-methyl-dithiophosphat  
 OO-dimethyl S-(N-methylcarbamoylmethyl) phosphorodithioate  
 Dithiophosphate de O,O-diméthyle et de S-(N-méthylcarbamoyl-méthyle) (diméthoate)  
 O,O-Dimetil-S-(N-metil-carbamoil-metil)-ditiiofosfato (dimethoate)  
 O,O-Dimethyl-S-(N-methylcarbamoyl)-methyl-dithiofosfaat (dimethoat)

Xn R : 57

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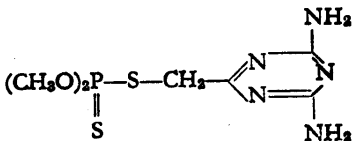


## 56. fenclorfos

(O,O-dimethyl-O-(2,4,5-triklorphenyl)-thiofosfat)  
 O-(2,4,5-Trichlor-phenyl)-O,O-dimethyl-monothiophosphat  
 OO-Dimethyl O-(2,4,5-trichlorophenyl) phosphorothioate  
 Thiophosphate de O,O-diméthyle et de O-(2,4,5-trichlorophényle)  
 O-(2,4,5-Tricloro-fenil)-O,O-dimetil-monotiofosfato  
 O-(2,4,5-Trichloorfenyl)-O,O-dimethyl-monothiofosfaat (fenchloorfos)

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## 57. menazon

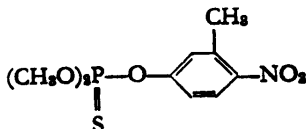
(O,O-dimethyl-S-(4,6-diamino-1,3,5-triazin-2-yl-methyl)-dithiofosfat)  
 S-[(4,6-Diamino-1,3,5-triazin-2-yl)-methyl]-O,O-dimethyl-dithiophosphat  
 S-(4,6-Diamino-1,3,5-triazin-2-ylmethyl) OO-dimethyl phosphorodithioate  
 Dithiophosphate de O,O-diméthyle et de S-(4,6-diamino-1,3,5-triazine-2-yl)-méthyle(azidithion)

S-[(4,6-diammino-1,3,5-triazin-2-il)-metil]-O,O-dimet il-ditiiofosfato (menazone)

S-[(4,6-Diamino-1,3,5-triazin-2-yl)-methyl]-O,O-dimethyl dithiofosfaat

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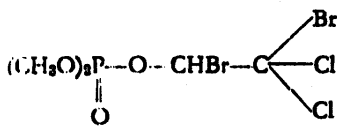


## 58. fenitrothion

(O,O-dimethyl-O-(3-methyl-4-nitrophenyl)-thiofosfat)  
 O,O-Dimethyl-O-(3-methyl-4-nitro-phenyl)-monothiophosphat  
 OO-Dimethyl O-(methyl-4-nitrophenyl) phosphorothioate  
 Thiophosphate de O,O-diméthyle et de O-(3-méthyl-4-nitrophényle)  
 O,O-Dimetil-O-(3-metil-4-nitro-fenil)-monotiofosfato  
 O,O-Dimethyl-O-(3-methyl-4-nitrofenyl)-monothiofosfaat

Xn R : 57

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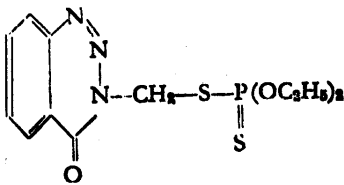


## 59. naled

(*O,O*-dimethyl-*O*-(1,2-dibrom-2,2-diklorethyl)-fosfat)  
*O*-(1,2-Dibrom-2,2-dichlor-äthyl)-*O,O*-dimethyl-phosphat  
 1,2-Dibromo-2,2-dichloroethyl dimethyl phosphate  
 Phosphate de *O,O*-diméthyle et de *O*-(1,2-dibromo-2,2-dichloréthyle)  
*O*-(1,2-Dibromo-2,2-dichloro-etyl)-*O,O*-dimetil-fofato  
*O*-(1,2-Dibroom-2,2-dichloorethyl)-*O,O*-dimethylfosfaat

Xn R : 57

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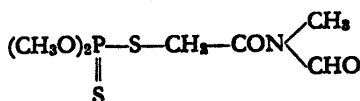


## 60. azinphos-ethyl

(*O,O*-diethyl-*S*-(3,4-dihydro-4-oxobenzotriazin-3-yl)-methyl-dithiofosfat)  
*O,O*-Diäthyl-*S*-[(4-oxo-3*H*-1,2,3-benzotriazin-3-yl)-methyl]-dithiofosfat (azinphos-äthyl)  
*S*-(3,4-Dihydro-4-oxobenzotriazin-3-ylmethyl) *OO*-diethylphosphorodithioate  
 Dithiophosphate de *O,O*-diéthyle et de *S*-(3,4-dihydro-4-oxo-1,2,3-benzotriazine-3-yl)méthyle  
*O,O*-Dietyl-*S*-[(4-oxo-3*H*-1,2,3-benzotriazin-3-il)-metil]-ditiiofosfato (azinphos-ctile)  
*O,O*-Diethyl-*S*-[(4-oxo-3*H*-1,2,3-benzotriazin-3-yl)methyl]-dithiofosfaat (azinphos-ethyl)

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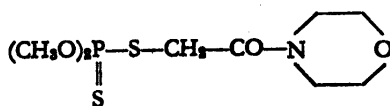


## 61. formothion

(*O,O*-dimethyl-*S*-(*N*-formyl-*N*-methyl-carbamoyl-methyl)-dithiofosfat)  
*O,O*-Dimethyl-*S*-(3-methyl-2,4-dioxo-3-aza-butyl)-dithiophosphat  
*S*-(*N*-Formyl-*N*-methylcarbamoylmethyl) *OO*-dimethyl phosphorodithioate  
 Dithiophosphate de *O,O*-diméthyle et de *S*-(*N*-formyl-*N*-méthyl-carbamoyl-méthyle)  
*O,O*-Dimetil-*S*-(*N*-formil-*N*-metil-carbamoil-metil)-ditiiofosfato  
*O,O*-Dimethyl-*S*-(3-methyl-2,4-dioxo-3-aza-butyl)-dithiofosfaat

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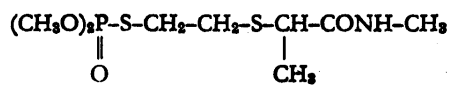


## 62. morphothion

(*O,O*-dimethyl-*S*-(morpholinocarbonylmethyl)-dithiofosfat)  
*O,O*-Dimethyl-*S*-[(morpholino-carbonyl)-methyl]-dithiophosphat  
*OO*-Dimethyl *S*-(morpholinocarbonylmethyl) phosphorodithioate  
 Dithiophosphate de *O,O*-diméthyle et de *S*-(morpholinocarbonyl)méthyle  
*O,O*-Dimetil-*S*-[(morfolino-carbonil)-metil]-ditiiofosfato  
*O,O*-Dimethyl-*S*-[(morfolino-carbonyl)-methyl]-dithiofosfaat (morphothion)

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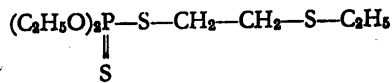
## 63. vamidothion

15.

(O,O-dimethyl-S-(4-methyl-4-(methylcarbamoyl)-3-thiabutyl)-thiofosfat)  
 O,O-Dimethyl-S-5-[N-methyl-(2-methyl-3-thia-valeramid)]-  
 monothiophosphat  
 OO-Dimethyl S-[2-(1-methylcarbamoylethylthio)ethyl] phosphorothioate  
 N-Méthyl-5-(diméthoxy-oxo-phosphoranylthio)-2-méthyl-3-thia-valéra-  
 mide  
 O,O-Dimetil-S-2-(1-metil-carbamoil-etil-tio)-etil-monotiofosfato  
 O,O-Dimethyl-S-5-[N-methyl-(2-methyl-3-thia-valeramid)]-monothi-  
 oosfaat

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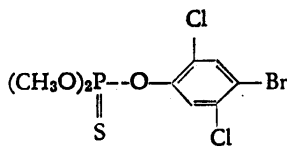


## 64. disulfoton

(O,O-diethyl-S-(2-(ethylthio)-ethyl)-dithiofosfat)  
 O,O-Diäthyl-S-(2-äthylthio-äthyl)-dithiophosphat  
 OO-Diethyl S-[2-(ethylthio)ethyl]phosphorodithioate  
 Dithiophosphate de O,O-diéthyle et de S-(2-éthylthio-éthyle)  
 O,O-Dietil-S-(2-etiltio-etil)-ditiofosfato  
 O,O-Diethyl-S-(2-ethylthioethyl)-dithioosfaat

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108

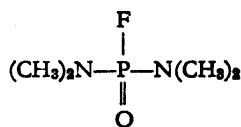


## 65. bromophos

(O,O-dimethyl-O-(4-brom-2,5-diklorphenyl)-thiofosfat)  
 O-(4-Brom-2,5-dichlor-phenyl)-O,O-dimethyl-monothiophosphat  
 O-(4-Bromo-2,5-dichlorophenyl) OO-dimethyl phosphorothioate  
 Thiophosphate de O,O-diméthyle et de O-(4-bromo-2,5-dichlorophényle)  
 O-(4-bromo-2,5-dicloro-fenil)-O,O-dimetil-monotiofosfato  
 O-(4-Broom-2,5-dichloorfenyl)-O,O-dimethyl-monothiophosfaat  
 (bromofos)

Xn R : 57

S : 2-11-21-31-53-65

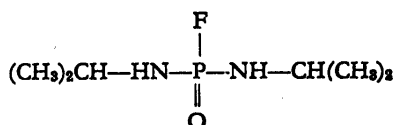


## 66. dimefox

(N,N,N',N'-tetramethylfosforsyrediamid-fluorid)  
 N,N,N',N'-Tetramethyl-diamido-phosphorsäure-fluorid  
 NNN'N'-Tetramethylphosphorodiamidic fluoride  
 Fluorure de N,N,N',N'-tétraméthylphosphoro-diamide  
 N,N,N',N'-Tetrametil-fosforodiamido-fluoruro  
 N,N,N',N'-Tetramethyldiamidofosforzuur-fluoride

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108



## 67. mipafox

(N,N'-diisopropylfosforsyrediamid-fluorid)  
 N,N'-Diisopropyl-diamido-phosphorsäure-fluorid  
 NN'-Di-isopropylphosphorodiamidic fluoride  
 Fluorure de N,N'-diisopropylphosphoro-diamide  
 N,N'-Diisopropil-fosforodiamido-fluoruro  
 N,N'-Diisopropyldiamidofosforzuur-fluoride

T R : 58

S : 3-11-21-31-53-63-71-72-75-77-92-93-108

## SVOVL — SCHWEFEL — SULPHUR — SOUFRE — ZOLFO — ZWAVEL

16.

 $H_2S$ 

1. Hydrogensulfid  
Schwefelwasserstoff  
Hydrogen sulphide  
Hydrogène sulfuré  
Idrogeno solforato  
Zwavelwaterstof (waterstofsulfide)  
F + T R : 26-34-61  
S : 15-21-34-36-62-76-104-108

 $BaS$   
 $BaS_n$ 

2. Bariumsulfid og bariumpolysulfid  
Bariumsulfid und Bariumpolysulfide  
Barium sulphide and polysulphides  
Sulfure et polysulfures de baryum  
Solfuro e polisolfuri di bario  
Bariumsulfide en bariumpolysulfiden  
Xi R : 70-83  
S : 15-21-23-35-63-71-73-91

 $CaS$   
 $CaS_n$ 

3. Calciumsulfid og calciumpolysulfid  
Calciumsulfid und Calciumpolysulfide  
Calcium sulphide and polysulphides  
Sulfure et polysulfures de calcium  
Solfuro e polisolfuri di calcio  
Calciumsulfide en calciumpolysulfiden  
Xi R : 70-83  
S : 15-21-23-35-63-71-73-91

 $K_2S$   
 $K_2S_n$ 

4. Kaliumsulfid og kaliumpolysulfid  
Kaliumsulfid und Kaliumpolysulfide  
Potassium sulphide and polysulphides  
Sulfure et polysulfures de potassium  
Solfuro e polisolfuri di potassio  
Kaliumsulfide en kaliumpolysulfiden  
C R : 70-81  
S : 15-21-23-35-63-71-73-91

 $(NH_4)_2S_n$ 

5. Amoniumpolysulfid  
Ammoniumpolysulfide  
Ammonium polysulphide  
Sulfures d'ammonium  
Solfuri di ammonio  
Ammoniumpolysulfiden  
C R : 70-81  
S : 15-21-23-35-63-71-73-91



$\text{Na}_2\text{S}$   
 $\text{Na}_2\text{S}_n$

6. Natriumsulfid og natriumpolysulfid  
Natriumsulfid und Natriumpolysulfide  
Sodium sulphide and polysulphides  
Sulfure et polysulfures de sodium  
Solfuro e polisolfuri di sodio  
Natriumsulfide en natriumpolysulfiden

C R : 70-81

S : 15-21-23-35-63-71-73-91

$\text{SO}_2$

7. Svovldioxid  
Schwefeldioxid  
Sulphur dioxide  
Anhydride sulfureux  
Anidride solforosa  
Zwavedioxid

T R : 60-84

S : 15-34-63-76-108

$\text{S}_2\text{Cl}_2$   
 $\text{SCl}_2$   
 $\text{SCl}_4$

8. Svovklorider  
Schwefelchloride  
Disulphur dichloride, Sulphur dichloride, Sulphur tetrachloride  
Chlorures de soufre (mono, di et tétra)  
Cloruri di zolfo  
Zwavelchloriden

C R : 81-84

S : 15-24-32-53-65-67-71-77-91-94

$\text{SOCl}_2$

9. Thionylklorid  
Thionylchlorid  
Thionylchloride  
Chlorure de thionyle  
Cloruro di tionile  
Thionylchloride

C R : 82-84

S : 15-24-32-53-65-67-71-77-94

$\text{SO}_2\text{Cl}_2$

10. Sulfurylklorid  
Sulfurychlorid  
Sulphuryl chloride  
Chlorure de sulfuryle  
Cloruro di solforile  
Sulfurylchloride

C R : 82-84

S : 15-24-32-53-65-67-71-77-94

16.

 $\text{HSO}_3\text{Cl}$ 

## 11. Klorsulfonsyre

Chlorschwefelsäure (Chlorsulfonsäure)  
Chlorosulphonic acid  
Chlorhydrine sulfurique (Acide chlorosulfonique)  
Cloridrina solforica  
Chloorsulfonzuur

C R : 82-84

S : 15-24-32-53-65-67-71-77-94

 $\text{H}_2\text{SO}_4 + \text{SO}_3$ 

## 12. Pyrosvovlsyre

Oleum  
Oleum 65 per cent  $\text{SO}_3$ , Oleum 20/25 per cent  $\text{SO}_3$   
Oléum  
Oleum  
Oleum

C R : 82-84

S : 11-23-24-32-63-71-73-77-94-109

 $\text{H}_2\text{SO}_4$ 13. Svovlsyre indeholdende mere end 20% af  $\text{H}_2\text{SO}_4$ 

Schwefelsäure mit mehr als 20%  $\text{H}_2\text{SO}_4$   
Sulphuric acid containing more than 20 per cent  $\text{H}_2\text{SO}_4$   
Acide sulfurique en solutions contenant plus de 20% de  $\text{H}_2\text{SO}_4$   
Acido solforico in soluzioni con oltre il 20% di  $\text{H}_2\text{SO}_4$   
Zwavelzuuroplossingen met meer dan 20%  $\text{H}_2\text{SO}_4$

C R : 82

S : 2-11-23-24-32-63-71-73-77-94-109

 $\text{CH}_3\text{SH}$ 

## 14. Methanthiol, (methylmercaptan)

Methanthiol (Methylmercaptan)  
Methanethiol (Methyl mercaptan)  
Méthylmercaptan  
Metantiolo (Metilmercaptano)  
Methaanthiol (methylmercaptaan)

F R : 25-34-59

S : 15-22-34-36-62-76-104

 $\text{C}_2\text{H}_5\text{SH}$ 

## 15. Ethanthiol, (ethylmercaptan)

Äthanthiol (Äthylmercaptan)  
Ethanethiol (Ethyl mercaptan)  
Éthylmercaptan  
Etilmercaptano (Etantiolo)  
Ethaanthiol (ethylmercaptaan)

F R : 22-33-64

S : 16-22-36-76-104

## KLOR — CHLOR — CHLORINE — CHLORE — CLORO — CHLOOR

17.

 $\text{Cl}_2$ 

1. Klor  
Chlor  
Chlorine  
Chlore  
Cloro  
Chloor

T R : 61-84  
S : 15-34-63-76-108

HCl

2. Hydrogenklorid  
Chlorwasserstoff  
Hydrogen chloride anhydrous  
Acide chlorhydrique anhydre  
Acido cloridrico anidro  
Chloorwaterstof, watervrij

T R : 60-84  
S : 15-34-63-76-108

HCl

3. Saltsyre indeholdende mere end 25 % HCl  
Salzsäure mit mehr als 25 % HCl  
Hydrochloric acid solutions containing more than 25 per cent HCl  
Acide chlorhydrique en solutions contenant plus de 25 % d'HCl  
Acido cloridrico in soluzioni con oltre il 25 % di HCl  
Zoutzuur met meer dan 25 % HCl

C R : 81  
S : 2-13-32-53-65-67-94

 $\text{Ba}(\text{ClO}_3)_2$ 

4. Bariumklorat  
Bariumchlorat  
Barium chlorate  
Chlorate de baryum  
Clorato di bario  
Bariumchloraat

O + Xn R : 13-54  
S : 2-12-21-29-31-35-38-51-65-71-91-93

 $\text{KClO}_3$ 

5. Kaliumklorat  
Kaliumchlorat  
Potassium chlorate  
Chlorate de potassium  
Clorato di potassio  
Kaliumchloraat

O + Xn R : 13-54  
S : 2-12-21-29-31-35-38-51-65-71-91-93

17.

 $\text{NaClO}_3$ 

6. Natriumklorat  
 Natriumchlorat  
 Sodium chlorate  
 Chlorate de sodium  
 Clorato di sodio  
 Natriumchloraat

O + Xn R : 13-54

S : 2-12-21-29-31-35-38-51-65-71-91-93

 $\text{HClO}_4$ 

7. Perklorsyre i opløsninger med mere end 50 % af  $\text{HClO}_4$   
 Perchlorsäure in Lösungen mit mehr als 50 %  $\text{HClO}_4$   
 Perchloric acid solutions containing more than 50 per cent  $\text{HClO}_4$   
 Acide perchlorique en solutions contenant plus de 50 % d' $\text{HClO}_4$   
 Acido perclorico in soluzioni con oltre il 50 % di  $\text{HClO}_4$   
 Perchloorzuur in oplossingen met meer dan 50 %  $\text{HClO}_4$

O + C R : 12-81

S : 11-22-32-38-65-71-91-93

 $\text{HClO}_4$ 

8. Perklorsyre i opløsninger med 10-50 %  $\text{HClO}_4$   
 Perchlorsäure in Lösungen von 10 % bis 50 %  $\text{HClO}_4$   
 Perchloric acid solutions containing between 10 and 50 per cent  $\text{HClO}_4$   
 Acide perchlorique en solutions contenant de 10 à 50 % d' $\text{HClO}_4$   
 Acido perclorico in soluzioni dal 10 al 50 % di  $\text{HClO}_4$   
 Perchloorzuur in oplossingen met 10 % tot ten hoogste 50 %  $\text{HClO}_4$

C R : 81

S : 11-32-65-94

 $\text{Ba}(\text{ClO}_4)_2$ 

9. Bariumperklorat  
 Bariumperchlorat  
 Barium perchlorate  
 Perchlorate de baryum  
 Perclorato di bario  
 Bariumperchloraat

O + Xn R : 13-54

S : 11-22-29-35-38

 $\text{KClO}_4$ 

10. Kaliumperklorat  
 Kaliumperchlorat  
 Potassium perchlorate  
 Perchlorate de potassium  
 Perclorato di potassio  
 Kaliumperchloraat

O R : 13

S : 11-22-29-35-38

$\text{NH}_4\text{ClO}_4$

11. Ammoniumperchlorat  
 Ammoniumperchlorat  
 Ammonium perchlorate  
 Perchlorate d'ammonium  
 Perclorato di ammonio  
 Ammoniumperchloraat
- E R : 1-13  
 S : 6-11-22-28-29-35-36-38-41

17.

$\text{NaClO}_4$

12. Natriumperchlorat  
 Natriumperchlorat  
 Sodium perchlorate  
 Perchlorate de sodium  
 Perclorato di sodio  
 Natriumperchloraat
- O R : 13  
 S : 11-22-29-35-38

KKALIUM — KALIUM — POTASSIUM — POTASSIUM — POTASSIO — KALIUM

19.

1. Kalium  
 Kalium  
 Potassium metal  
 Potassium  
 Potassio  
 Kalium
- F R : 29  
 S : 12-24-37-65-103

KOH

2. Kaliumhydroxid  
 Kaliumhydroxid, wasserfrei (Ätzkali)  
 Potassium hydroxide anhydrous (Caustic potash)  
 Potasse caustique anhydre (Hydroxyde de potassium)  
 Idrossido di potassio anidro  
 Kaliumhydroxide, watervrij
- C R : 82  
 S : 2-12-35-63-67-71-73-77-109

KOH

3. Kaliumhydroxidopløsninger med mere end 10% KOH  
 Kaliumhydroxidlösungen mit mehr als 10% KOH  
 Potassium hydroxide solutions containing more than 10 per cent KOH  
 Potasse caustique (Hydroxyde de potassium) en solutions contenant plus de 10% de KOH  
 Idrossido di potassio in soluzioni con oltre il 10% di KOH  
 Kaliumhydroxide in oplossingen met meer dan 10% KOH
- C R : 82  
 S : 2-12-35-63-67-71-73-77-109

## CALCIUM — CALCIUM — CALCIUM — CALCIUM — CALCIO — CALCIUM

20.

Ca

1. Calcium
- Calc um
- Calcium metal
- Calcium
- Calcio
- Calcium

F R : 29  
S : 12-24-37-65-103

## TITAN — TITAN — TITANIUM — TITANE — TITANIO — TITAAN

22.

TiCl<sub>4</sub>

1. Titantetraklorid
- Titantetrachlorid
- Titanium tetrachloride
- Tétrachlorure de titane
- Tetracloruro di titanio
- Titaantetrachloride

C R : 81-84  
S : 15-24-32-53-65-67-91-94

## KROM — CHROM — CHROMIUM — CHROME — CROMO — CHROOM

24.

CrO<sub>3</sub>

1. Kromtrioxid (kromsyreanhydrid)
- Chromtrioxid (Chromsäureanhydrid)
- Chromium trioxide
- Anhydride chromique
- Anidride cromica
- Chroomtrioxide

O + C R : 12-82  
S : 11-22-29-38-65-91-93

K<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub>

2. Kaliumdikromat
- Kaliumdichromat
- Potassium dichromate
- Bichromate de potassium
- Bicromato di potassio
- Kaliumdichromaat

Xi R : 12-54  
S : 11-21-29-51-65

(NH<sub>4</sub>)<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub>

3. Ammoniumdikromat
- Ammoniumdichromat
- Ammonium dichromate
- Bichromate d'ammonium
- Bicromato d'ammonio
- Ammoniumdichromaat

E + Xi R : 1-12-54  
S : 6-11-21-28-29-36-41-51-65

- Na<sub>2</sub>Cr<sub>2</sub>O<sub>7</sub>** 4. Natriumdikromat 24.  
 Natriumdichromat  
 Sodium dichromate  
 Bichromate de sodium  
 Bicromato di sodio  
 Natriumdichromaat  
 Xi R : 12-54  
 S : 11-21-29-51-65
- MANGAN — MANGAN — MANGANESE — MANGANÈSE — MANGANESE — MANGAAN** 25.
- MnO<sub>2</sub>** 1. Mangandioxid, (brunsten)  
 Mangandioxid (Braunstein)  
 Manganese dioxide  
 Bioxyde de manganèse  
 Biossido di manganese  
 Mangaandioxide (bruinsteen)  
 Xn R : 51  
 S : 11-51-63
- KMnO<sub>4</sub>** 2. Kaliumpermanganat  
 Kaliumpermanganat  
 Potassium permanganate  
 Permanganate de potassium  
 Permanganato di potassio  
 Kaliumpermanganaat  
 O R : 12-54  
 S : 11-29-35-38
- NIKKEL — NICKEL — NICKEL — NICKEL — NICHEL — NIKKEL** 28.
- Ni(CO)<sub>4</sub>** 1. Nikkeltetracarbonyl  
 Nickeltetracarbonyl  
 Nickel tetracarbonyl  
 Nickel carbonyle  
 Nichel carbonile  
 Nikkeltetracarbonyl  
 F + T R : 22-33-67  
 S : 15-21-23-36-55-65-71-76-104-108
- ZINK — ZINK — ZINC — ZINC — ZINCO — ZINK** 30.
- Zn** 1. Zinkpulver  
 Zinkpulver  
 Zinc powder  
 Zinc en poudre  
 Polvere di zinco  
 Zinkpoeder  
 F R : 29-31  
 S : 13-18-36-103

- 30.
- ZnCl<sub>2</sub>**
2. Zinkklorid  
Zinkchlorid  
Zinc chloride  
Chlorure de zinc  
Cloruro di zinco  
Zinkchloride
- C R : 81  
S : 12-65-91
3. Zinkalkylderivater  
Zinkalkyle  
Zinc alkyls  
Dérivés alkylés du zinc  
Zincoalchili  
Zinkalkylen
- F + C R : 31-81  
S : 37-65-71-103
- 33.
- ARSEN — ARSEN — ARSENIC — ARSENIC — ARSENICO — ARSEEN**
1. Arsen og dets forbindelser  
Arsen und seine Verbindungen  
Arsenic and its compounds  
Arsenic et ses composés  
Arsenico e suoi composti  
Arseen en zijn verbindingen
- T R : 56-84  
S : 3-12-21-31-53-63-72-91-108
- 35.
- BROM — BROM — BROMINE — BROME — BROMO — BROOM**
- Br<sub>2</sub>**
1. Brom  
Brom  
Bromine  
Brome  
Bromo  
Broom
- C R : 67-82  
S : 15-32-65-75-94-108
- HBr**
2. Hydrogenbromid  
Bromwasserstoff  
Hydrogen bromide anhydrous  
Acide bromhydrique anhydre  
Acido bromidrico anidro  
Broomwaterstof, watervrij
- T R : 60-84  
S : 15-34-63-76-108



- 35.
- HBr 3. Hydrogenbromid i opløsninger indeholdende mere end 40% HBr  
 Bromwasserstoff in Lösungen mit mehr als 40% HBr  
 Hydrobromic acid solutions containing more than 40 per cent HBr  
 Acide bromhydrique en solutions contenant plus de 40% de HBr  
 Acido bromidrico in soluzioni con oltre il 40% di HBr  
 Broomwaterstof in oplossingen met meer dan 40% HBr  
 C R : 81  
 S : 13-32-53-65-67-94-109
- KBrO<sub>3</sub> 4. Kaliumbromat  
 Kaliumbromat  
 Potassium bromate  
 Bromate de potassium  
 Bromato di potassio  
 Kaliumbromaat  
 O R : 13-54  
 S : 12-21-29-35-38-65-71-93
- ZIRKONIUM — ZIRKON — ZIRCONIUM — ZIRCONIUM — ZIRCONIO — ZIRKONIUM 40.
- Zr 1. Zirkonimpulver  
 Zirkonimpulver  
 Zirconium powder  
 Zirconium en poudre  
 Polvere di zirconio  
 Zirkonimpoeđer  
 F R : 29-31  
 S : 13-18-36-103
- SØLV — SILBER — SILVER — ARGENT — ARGENTO — ZILVER 47.
- AgNO<sub>3</sub> 1. Sølvnitrat  
 Silberrnitrat  
 Silver nitrate  
 Nitrate d'argent  
 Nitrato d'argento  
 Zilvernitraat  
 C R : 83  
 S : 11-31-65-67
- TIN — ZINN — TIN — ÉTAIN — STAGNO — TIN 50.
- SnCl<sub>4</sub> 1. Stanniklorid  
 Zinntetrachlorid  
 Stannic chloride  
 Tétrachlorure d'étain  
 Tetracloruro di stagno  
 Tintetrachloride  
 C R : 81-84  
 S : 15-24-32-53-65-67-91-94

- 50.
- (C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>SnOH
2. fentin-hydroxid, triphenyltin-hydroxid  
 Triphenyl-zinn-hydrxid (fentin hydroxid)  
 Triphenyltin hydroxide (Fentin hydroxide)  
 Hydroxyde de triphényl-étain (fentine-hydroxyde)  
 Idrossido di stagno trifenile (fentin idrossido)  
 Trifenyl-tinhydroxide (fentin hydroxide)
- T R : 52  
 S : 3-11-21-31-51-63-91-93-108
- (C<sub>6</sub>H<sub>5</sub>)<sub>3</sub>SnO-COCH<sub>3</sub>
3. fentin-acetat, (triphenyltin-acetat)  
 Triphenyl-zinn-acetat (fentin acetat)  
 Triphenyltin acetate (Fentin acetate)  
 Acétate de triphényl-étain (fentine-acétate)  
 Acetato di stagno trifenile (fentin acetato)  
 Trifenyl-tinacetaat (fentin acetaat)
- T R : 52  
 S : 3-11-21-31-51-63-91-93-108
- 51.
- ANTIMON — ANTIMON — ANTIMONY — ANTIMOINE — ANTIMONIO — ANTIMOON
- SbCl<sub>3</sub>
1. Antimontriklorid  
 Antimontrichlorid  
 Antimony trichloride  
 Trichlorure d'antimoine  
 Tric oruro di antimonio  
 Antimoontrichloride
- Xi R : 84  
 S : 15-52-63-67-91-94
- SbCl<sub>5</sub>
2. Antimonpentaklorid  
 Antimonpentachlorid  
 Antimony pentachloride  
 Pentachlorure d'antimoine  
 Pentacloruro di antimonio  
 Antimoonpentachloride
- C R : 81-84  
 S : 15-24-32-53-63-67-91-94

## JOD — JOD — IODINE — IODE — IODIO — JOOD

53.

- I<sub>2</sub>
1. Jod  
 Jod  
 Iodine  
 Iode  
 Iodio  
 Jood
- Xn R : 64  
 S : 31-53-63

HI

## 2. Hydrogeniodid

Jodwasserstoff, wasserfrei  
 Hydrogen iodide anhydrous  
 Acide iodhydrique anhydre  
 Acido iodidrico anidro  
 Joodwaterstof, watervrij

T R : 60-84

S : 15-34-63-76-108

HI

## 3. Hydrogeniodid i opløsninger indeholdende over 25 % HI

Jodwasserstoff in Lösungen mit einem Gehalt von mehr als 25 % HI  
 Hydriodic acid solution containing more than 25 per cent HI  
 Acide iodhydrique en solutions contenant plus de 25 % de HI  
 Acido iodidrico in soluzioni con oltre il 25 % di HI  
 Joodwaterstof in oplossingen met meer dan 25 % HI

C R : 81

S : 13-32-53-65-67-94

 $C_6H_5IO_2$ 

## 4. Jodylbenzen

Jodylbenzol  
 Iodoxybenzene  
 Iodoxybenzène  
 Iodiossibenzolo  
 Jodylbenzen

E R : 1

S : 6-11-22-28-29-36-41

 $(IO_2C_6H_4COO)_2Ca$ 

## 5. Calciumjodylbenzoat

Calcium-jodylbenzoat  
 Calcium iodoxybenzoate  
 Iodoxybenzoate de calcium  
 Iodiossibenzoato di calcio  
 Calciumjodylbenzoat

E R : 1

S : 6-11-22-28-29-36-41

BARIUM — BARIUM — BARIUM — BARYUM — BARIO — BARIUM

BaO<sub>2</sub>

## 1. Bariumperoxid

Bariumperoxid  
 Barium peroxide  
 Peroxyde de baryum (Bioxyde de baryum)  
 Perossido di bario  
 Bariumperoxide

O R : 12

S : 11-22-29-38-65

56.

## 2. Bariumsalte, fraset bariumsulfat

Bariumsalze, mit Ausnahme des Bariumsulfats und der namentlich in dieser Anlage bezeichneten Salze

Barium salts, with the exception of barium sulphate and of salts specified elsewhere in this Annex

Sels de baryum, à l'exclusion du sulfate de baryum et des sels nommément désignés dans cette annexe

Sali di bario escluso il solfato di bario e i sali espressamente indicati in questo allegato

Bariumzouten, met uitzondering van bariumsulfaat in deze bijlage met name genoemde zouten

Xn R : 54

S : 21-31-51-91

## KVIKSØLV — QUECKSILBER — MERCURY — MERCURE — MERCURIO — KWIK

80

## 1. Kviksølv og dets forbindelser, fraset mercuroklorid (kalomel), mercurisulfid (cinnober), mercurioxycyanid og mercurifulminat

Quecksilber und seine Verbindungen, mit Ausnahme von Quecksilber(I)-chlorid (Kalomel), Quecksilber(II)-sulfid (Zinnober), Quecksilberoxid-dicyanid und von Knallquecksilber

Mercury and its compounds, with the exception of mercurous chloride (Calomel), mercuric sulphide, mercuric oxycyanide and mercuric fulminate

Mercure et ses composés, à l'exception du chlorure mercureux (Calomel), du sulfure de mercure, de l'oxycyanure de mercure et du fulminate de mercure

Mercurio e suoi composti, il cloruro mercurioso (calomelano), il solfuro di mercurio, l'ossicianuro di mercurio ed il fulminato di mercurio

Kwik en zijn verbindingen, uitgezonderd mercurochloride (Calomel), mercurisulfide, kwikoxycyanide en mercurifulminaat (knalkwik)

T R : 52-58-83

S : 3-12-21-31-63-72-74-91-108

$Hg_2Cl_2$

## 2. Mercuroklorid, (kalomel)

Quecksilber(I)-chlorid (Kalomel)

Mercurous chloride (Calomel)

Chlorure mercureux (Calomel)

Cloruro mercurioso (Calomelano)

Mercurochloride (Calomel)

Xn R : 54

S : 11-31

$Hg(CN)_2, HgO$

## 3. Mercurioxycyanid

Quecksilber(II)-oxiddicyanid

Mercuric oxycyanide

Oxycyanure de mercure

Ossicianuro di mercurio

Kwikoxycyanide

E + T R : 1-52

S : 6-11-21-28-29-31-32-36-63-76-91-108

Hg(ONC)<sub>2</sub>

## 4. Mercurifulminat, (mercuricyanat)

Quecksilberfulminat (Knallquecksilber)

Mercuric fulminate

Fulminate de mercure

Fulminato di mercurio

Mercurifulminaat (Knalkwik)

E + T R : 3-52

S : 6-11-21-25-28-29-36-41-51-59-72-108

80.

THALLIUM — THALLIUM — THALLIUM — THALLIUM — TALLIO — THALLIUM

## 1. Thalliumforbindelser

Thalliumverbindungen

Thallium compounds

Composés du thallium

Composti del tallio

Thalliumverbindungen

T R : 52-56

S : 3-11-21-31-51-65-91-108

81.

BLY — BLEI — LEAD — PLOMB — PIOMBO — LOOD

## 1. Blyforbindelser, fraset blyalkyl, blyazid og blytrinitroresorcinat

Bleiverbindungen, mit Ausnahme der Bleialkyle, von Bleiazid und Bleitritroresorcinat

Lead compounds, with the exception of lead alkyls, lead azide and lead styphnate

Composés du plomb, à l'exception des dérivés alkylés du plomb, de l'azoture et du trinitrorésorcinate de plomb

Composti del piombo, esclusi i composti alchilici del piombo, l'azoturo e il trinitroresorcinato di piombo

Loodverbindingen met uitzondering van loodalkylen, loodzazide en loodtrinitroresorcinaat

Xn R : 54

S : 11-21-31-51-91

82.

## 2. Blyalkylderivater

Bleialkyle

Lead alkyls

Dérivés alkylés du plomb

Piomboalchili

Loodalkylen

T R : 58

S : 11-21-31-63-71-73-74-92-108

$Pb(N_3)_2$	3. Blyazid Bleiazid Lead azide Azoture de plomb Azoturo di piombo Loodazide E R : 3-54 S : 6-11-21-25-27-28-29-36-41-51-59-72	82.
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<b>KULBRINTER — KOHLENWASSERSTOFFE — HYDROCARBONS — HYDROCARBURES — IDROCARBURI — KOOLWATERSTOFFEN</b>	601.
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$CH_4$	1. Methan Methan Methane Méthane Metano Methaan F R : 22-34 S : 16-22-32-33-37-104
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$C_2H_6$	2. Ethan Äthan Ethane Éthane Etano Ethaan F R : 25-34 S : 15-22-34-36-104
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$C_3H_8$	3. Propan Propan Propane Propane Propano Propaan F R : 25-34 S : 15-22-34-36-104
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$C_4H_{10}$	4. Butan Butane Butanes Butanes Butano Butaan F R : 25-34 S : 15-22-34-36-104
-------------	--

$(\text{CH}_3)_4\text{C}$ 

## 5. Dimethylpropan

Dimethylpropan (Neopentan)

2,2-Dimethylpropane (Neopentane)

Diméthylpropane (Néopentane)

Dimetilpropano

Dimethylpropaan

F R : 25-34

S : 15-22-34-36-104

 $\text{C}_5\text{H}_{12}$ 

## 6. n-Pentan og iso-pentan (methylbutan)

n-Pentan und i-Pentan (Methylbutan)

n-Pentane and isopentane

n-Pentane et Isopentane (Méthylbutane)

n-Pentano ed isopentano (metil-butano)

n-Pentaan en iso-pentaan (methyl-butaan)

F R : 22

S : 15-23-27

 $\text{C}_6\text{H}_{14}$ 

## 7. Hexan

Hexane

Hexanes

Hexanes

Esani

Hexanen

F R : 22

S : 16-23-27

 $\text{C}_7\text{H}_{16}$ 

## 8. Heptan

Heptane

Heptanes

Heptanes

Eptani

Heptanen

F R : 22

S : 16-23-27

 $\text{C}_8\text{H}_{18}$ 

## 9. Octan

Octane

Octanes

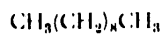
Octanes

Ottani

Octanen

F R : 22

S : 16-23-27



## 9.1. n-Decan

n-Decan

n-Decane

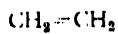
n-Décane

n-Decano

n-Decaan

R : 21

S : 13-37



## 10. Ethen, (ethylen)

Äthen (Äthylen)

Ethylene

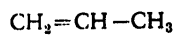
Éthylène

Etilene

Etheen (Ethyleen)

F R : 25-34

S : 15-22-34-36-104



## 11. Propen, (propylen)

Propen (Propylen)

Propene (Propylene)

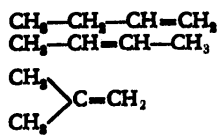
Propène (Propylène)

Propilene

Propeen (Propyleen)

F R : 25-34

S : 15-22-34-36-104



## 12. Buten, (butylen)

Butene (Butylene)

Butenes (Butylenes)

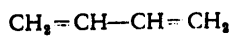
Butènes (Butylènes)

Buteni (Butileni)

Butenen (Butylenen)

F R : 25-34

S : 15-22-34-36-104



## 13. Butadien-1,3

1,3-Butadien

Buta-1,3-diene (1,3-Butadiene)

1,3-Butadiène

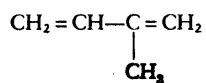
1,3-Butadiene

1,3-Butadien

F R : 25-34

S : 15-22-34-36-104





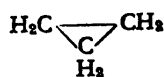
14. 2-methylbutadien-1,3, (isopren)  
 2-Methyl-butadien-1,3 (Isopren)  
 Isoprene (2-Methylbuta-1,3-diene)  
 Isoprène(2-Méthyl-1,3-butadiène)  
 Isoprene  
 Isopreen (2-methyl-butadieen-1,3)

F R : 22  
 S : 15-23-27



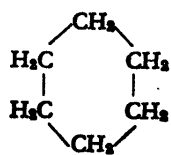
15. Acetylen  
 Acetylen  
 Acetylene  
 Acétylène  
 Acetilene  
 Acetyleen

F R : 4-23-32  
 S : 15-22-34-36-104



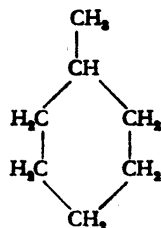
16. Cyclopropan  
 Cyclopropan  
 Cyclopropane  
 Cyclopropane  
 Ciclopropano  
 Cyclopropan

F R : 25-34  
 S : 15-22-34-36-104



17. Cyclohexan  
 Cyclohexan  
 Cyclohexane  
 Cyclohexane  
 Cicloesano  
 Cyclohexaan

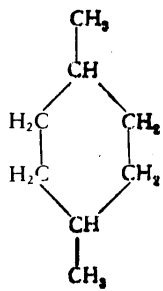
F R : 22  
 S : 16-23-27-36



- 17.1. Methylcyclohexan  
 Methyl-cyclohexan  
 Methylcyclohexane  
 Méthylcyclohexane  
 Metilcicloesano  
 Methylcyclohexaan

F R : 22  
 S : 16-23-27-36

601.



- 17.2. 1,4-Dimethylcyclohexan  
 1,4-Dimethylcyclohexan  
 1,4-Dimethylcyclohexane  
 1,4-Diméthylcyclohexane  
 1,4-Dimetilcicloesano  
 1,4-Dimethylcyclohexaan

F R : 22  
 S : 16-23-27-36

C<sub>6</sub>H<sub>6</sub>

18. Benzen  
 Benzol  
 Benzene  
 Benzène  
 Benzene (Benzolo)  
 Benzeen

F + T R : 22-66  
 S : 3-16-21-23-27-36-71-76-108

C<sub>6</sub>H<sub>5</sub>-CH<sub>3</sub>

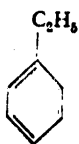
19. Toluen  
 Toluol  
 Toluene  
 Tuloène  
 Toluene (Toluolo)  
 Toluëen

F + Xn R : 22-57.1  
 S : 15-21-23-27-65-71

C<sub>6</sub>H<sub>4</sub>(CH<sub>3</sub>)<sub>2</sub>

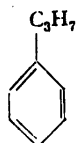
20. Xylen  
 Xylol  
 Xylenes  
 Xylènes  
 Xileni (Xiloli)  
 Xylenen

Xn R : 21-57.1  
 S : 15-21-23-27-65-71



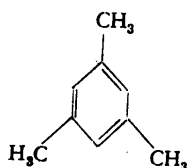
- 20.1. Ethylbenzen  
 Äthyl-benzol  
 Ethybenzene  
 Éthylbenzène  
 Etilbenzene  
 Ethylbenzeen

F + Xi R : 22-84  
 S : 15-21-23-27-65-71



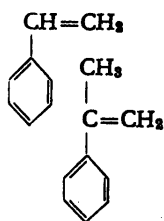
- 20.2. Propylbenzen  
 Propyl-benzole  
 Propylbenzene and Isopropylbenzene (Cumene)  
 Propylbenzènes  
 Propilbenzeni  
 Propylbenzene

Xi R : 21-84  
 S : 15-21-23-65-71



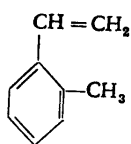
- 20.3. Mesitylen  
 1,3,5-Trimethyl-benzol  
 Mesitylene  
 Mésitylène  
 Mesitilene  
 Mesityleen

Xi R : 21-84  
 S : 15-21-23-65-71



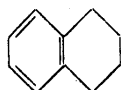
21. Styren og  $\alpha$ -methylstyren  
 Styrol und  $\alpha$ -Methylstyrol  
 Styrene and  $\alpha$ -Methylstyrene  
 Styrène et  $\alpha$ -Méthylstyrène  
 Stirene (Stirol) e  $\alpha$ -metilstirene (d-metilstirol)  
 Styreen en  $\alpha$ -methylstyreen

Xi R : 21-84  
 S : 15-21-23-27-65-71



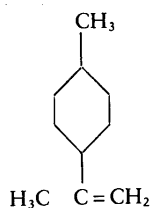
22. 2-Vinyltoluen  
 o-Vinyl-toluol  
 2-Vinyltoluene  
 o-Vinyltoluène  
 Viniltoluene  
 Vinyltolueen

Xi R : 84  
 S : 15-21-23-65-71



23. 1,2,3,4-Tetrahydronaphthalen  
 Tetrahydronaphthalin (Tetralin)  
 1,2,3,4-Tetrahydronaphthalene (Tetralin)  
 Tétrahydronaphtalène (Tétraline)  
 Tetraidronaftalina (Tetralina)  
 Tetralien

Xn R : 57.1  
 S : 23-65-71-108



24. 1,4-Menthadien-(1,9)  
 Dipenten (d,1-Limonen)i-p-Menthadien-1,8(9)  
 Dipentene  
 Dipentène  
 Dipentene  
 Dipenteen  
 R : 21  
 S : 13-37-65

631.

HALOGENSUBSTITUIERTE KULBRINTER — HALOGEN-KOHLWASSERSTOFFE —  
 HALOGENATED HYDROCARBONS — DÉRIVÉS HALOGÉNÉS DES HYDROCARBURES —  
 DERIVATI ALOGENATI DEGLI IDROCARBURI — GEHALOGENEERDE KOOLWATERSTOFFEN

602.



1. Methylchlorid, (klormetyl)  
 Chlor-methan (Methylchlorid)  
 Chloromethane (Methyl chloride)  
 Chlorure de méthyle (Chlorométhane)  
 Cloruro di metile (monoclorometano)  
 Methylchloride (monochloormethaan)  
 F + Xn R : 25-34-62  
 S : 15-22-34-36-55-76-104



2. Methylbromid  
 Brom-methan (Methylbromid)  
 Bromomethane (Methyl bromide)  
 Bromure de méthyle (Bromométhane)  
 Bromuro di metile (monobromometano)  
 Methylbromide (monobroommethaan)  
 T R : 61  
 S : 14-34-63-74-108



- 2.1. Dibrommethan (methylenbromid)  
 Dibrom-methan (Methylenbromid)  
 Dibromomethane (Methylene dibromide)  
 Bromure de méthylène (Dibromométhane)  
 Dibromometano  
 Dibroommethaan  
 Xn R<sub>2</sub>: 57.1  
 S : 11-63-108



- 2.2. Diklormethan (methylenchlorid)  
 Dichlor-methan (Methylenchlorid)  
 Dichloromethane (Methylene dichloride)  
 Chlorure de méthylène (Dichlorométhane)  
 Diclorometano (Cloruro di metilene)  
 Methylenchloride  
 Xn R : 33-64  
 S : 15-65-71

CHCl<sub>3</sub>

3. Triklormethan, (kloroform)  
 Trichlor-methan (Chloroform)  
 Chloroform (Trichloromethane)  
 Chloroforme (Trichlorométhane)  
 Cloroformio (triclorometano)  
 Chloroform (trichloormethaan)

Xn R : 57.1  
 S : 13-53

CCl<sub>4</sub>

4. Tetraklormethan, (tetraklorkulstof)  
 Tetrachlor-methan (Tetrachlorkohlenstoff)  
 Carbon tetrachloride (Tetrachloromethane)  
 Tétrachlorure de carbone (Tétrachlorométhane)  
 Tetracloruro di carbonio (tetraclorometano)  
 Tetrachloorkoolstof (tetrachloormethaan)

T R : 58  
 S : 3-15-65-71-76-108

C<sub>2</sub>H<sub>5</sub>Cl

5. Klorethan, (ethylklorid)  
 Monochlor-äthan (Äthylchlorid)  
 Chloroethane (Ethyl chloride)  
 Chlorure d'éthyle (Chloréthane)  
 Cloruro di etile (monocloroetano)  
 Ethylchloride (monochloorethaan)

F R : 26-34  
 S : 15-22-34-36-104

BrCH<sub>2</sub>—CH<sub>2</sub>Br

6. 1,2-dibromethan  
 1,2-Dibrom-äthan (Äthylenbromid)  
 1,2-Dibromoethane (Ethylene dibromide)  
 1,2-Dibromoéthane (Bromure d'éthylène)  
 1,2-Dibromo-etano  
 1,2-Dibroomethaan

Xn R : 64  
 S : 14-34-63-74-108

CHCl<sub>2</sub>—CH<sub>3</sub>

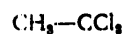
7. 1,1-diklorethan, (ethylidenklorid)  
 1,1-Dichlor-äthan (Äthylidenchlorid)  
 1,1-Dichloroethane (Ethylidene chloride)  
 1,1-Dichloréthane (Chlorure d'éthylidène)  
 1,1-Dicloro-etano  
 1,1-Dichloorethaan

F + Xn R : 22-57.1  
 S : 15-23-65-71-108

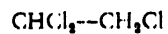
602.



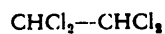
- 7.1. 1,2-Diklorethan (ethylendiklorid)  
 1,2-Dichlor-äthan (Äthylenchlorid)  
 1,2-Dichloroethane (Ethylene dichloride)  
 1,2-Dichloréthane (Chlorure d'éthylène)  
 1,2-Dicloro-etano  
 1,2-Dichloorethaan (ethyleendichloride)  
 F + Xn R : 22-57.1  
 S : 15-23-27-53-71-108



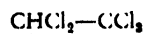
8. 1,1,1-triklorethan, (methylkloroform)  
 1,1,1-Trichlor-äthan (Methylchloroform)  
 1,1,1-Trichloroethane (Methyl chloroform)  
 1,1,1-Trichloréthane  
 1,1,1-Tricloroetano  
 1,1,1-Trichloorethaan  
 Xn S : 15-65-71



- 8.1. 1,1,2-Triklorethan  
 1,1,2-Trichlor-äthan  
 1,1,2-Trichloroethane  
 1,1,2-Trichloréthane  
 1,1,2-Tricloro-etano  
 1,1,2-Trichloorethaan  
 T R : 58  
 S : 15-65-71-76-108



9. 1,1,2,2-tetraklorethan  
 1,1,2,2-Tetrachlor-äthan  
 1,1,2,2-Tetrachloroethane  
 1,1,2,2-Tétrachloréthane  
 1,1,2,2-Tetracloro-etano  
 1,1,2,2-Tetrachloorethaan  
 T R : 58  
 S : 15-65-71-76-108



10. Pentaklorethan  
 Pentachlor-äthan  
 Pentachloroethane  
 Pentachloréthane  
 Pentacloro-etano  
 Pentachloorethaan  
 T R : 58  
 S : 15-65-71-76-108

$C_3H_7Cl$ 

- 10.1. Monoklorpropan, (propylklorid)  
 Monochlor-propane  
 Chloropropanes (Propyl chlorides)  
 Chlorures de propyle (Chloropropanes)  
 Cloruri di propile (Monocloro-propani)  
 Monochlorpropanen (Propylchloriden)  
 F + Xn R : 22-57.1  
 S : 15-23-65-71-108

 $C_3H_7Br$ 

- 10.2. Monobrompropan, (1-Propylbromid)  
 1-Brom-propan (Propylbromid)  
 1-Bromopropane  
 Bromure de n-propyle  
 1-Bromuro di Propile (Monobromopropano)  
 1-Propylbromide  
 F + T R : 22-58  
 S : 15-22-23-65-71-76-108

 $C_3H_6Cl_2$ 

11. Diklorpropan  
 Dichlor-propane  
 Dichloropropanes  
 Dichloropropanes  
 Dicloropropani  
 Dichloorpropanen  
 Xn R : 22-57.1  
 S : 15-23-36-65-71-108

 $CH_2Br-CHBr-CH_2Cl$ 

12. 1,2-dibrom-3-klorpropan  
 1,2-Dibrom-3-chlor-propan  
 1,2-Dibromo-3-chloropropane  
 1,2-Dibromo-3-chloropropane  
 1,2-Dibromo-3-cloro-propano  
 1,2-Dibroom-3-chloor-propaan  
 T R : 66-83  
 S : 3-11-21-31-51-65-71-76-91-108

 $C_5H_{11}Cl$ 

- 12.1. Klorpentan, (Pentylklorid)  
 Monochlor-pentane (Amylchloride)  
 Chloropentanes  
 Chlorures d'amyle (Chloropentanes)  
 Cloropentani (cloruri di amile)  
 Monochloorpentanen (Amylchloriden)  
 F + Xn R : 22-57.1  
 S : 15-23-65-71-108

$\text{CH}_2 = \text{CHCl}$ 

## 13. Vinylklorid

Vinyl-Chlorid

Vinyl chloride

Chlorure de vinyle (Chloréthylène)

Cloruro di vinile

Vinylchloride

F R : 26-34

S : 15-22-34-36-104

 $\text{CH}_2 = \text{CHBr}$ 

## 14. Vinylbromid

Vinyl-bromid

Vinyl bromide

Bromure de vinyle (Bromoéthylène)

Bromuro di vinile

Vinylbromide

F R : 25-34

S : 15-22-34-36-104

 $\text{CH}_2 = \text{CCl}_2$  $\text{CHCl} = \text{CHCl}$ 

## 15. Diklorethylen

Dichlor-äthene (Dichloräthylene)

Dichloroethylenes

Dichloréthylènes

Dicloroetileni

Dichloorethenen (dichloorethylenen)

F + Xn R : 22-57.1

S : 15-23-27-36-65-71-76-108

 $\text{CHCl} = \text{CCl}_2$ 

## 16. Triklörethylen

Trichlor-äthen (Trichloräthylen, Tri)

Trichloroethylene

Trichloréthylène

Tricloroetilene (trielina)

Trichlooretheen (Tri)

Xn R : 57.1

S : 2-11-76-108

 $\text{CCl}_2 = \text{CCl}_2$ 

## 17. Tetraklorethylen, (perklorätylen)

Tetrachlor-äthen (Perchloräthylen, Per)

Tetrachloroethylene (Perchloroethylene)

Tétrachloréthylène (Perchloréthylène)

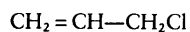
Tetracloroetilene (Percloroetilene)

Tetrachlooretheen (Perchloorethyleen)

Xn R : 57.1

S : 2-11-76-108





## 18. Allylklorid, (3-klor-1-propen)

3-Chlor-propen (Allyl-chlorid)

Allyl chloride

Chlorure d'allyle (3-Chloropropène)

Cloruro di allile

Allychloride

F + T R : 22-33-67

S : 15-21-23-27-36-65-71-76-104-108



## 19. Diklorpropen

Dichlor-propene

Dichlorpropenes

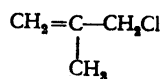
Dichlorpropènes

Dicloropropeni

Dichloorpropenen

F + T R : 22-33-67

S : 3-15-22-27-36-65-71-76-108



## 20. 2-methylallylklorid, (3-klor-2-methyl-1-propen)

3-Chlor-2-methyl-propen (2-Methyl-allylchlorid)

3-Chloro-2-methylpropene (Methallyl chloride)

Chlorure de méthallyle (3-Chloro-2-méthyl-1-propène)

Cloruro di metallile

Methallylchloride (2-methylallylchloride)

F + Xn R : 22-33-64-84

S : 15-22-23-27-36-65-71-76-104



## 20.1. Klorbenzen

Monochlor-benzol

Chlorobenzene

Chlorobenzène

Monoclorobenzene

Monochloorbenzeen

Xn R : 21-57.1

S : 11-23-65-71-108



## 20.2. 1,2-Diklorbenzen

1,2-Dichlorbenzol (o-Dichlorbenzol)

1,2-Dichlorobenzene

1,2-Dichlorobenzène

1,2-Diclorobenzene

1,2-Dichloorbenzeen

Xn R : 57.1

S : 65-71-108



## 21. Benzylchlorid

Chlor-toluol (Benzylchlorid)

Benzyl chloride

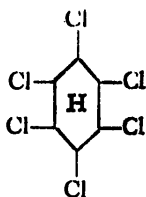
Chlorure de benzyle (*n*-Chlorotoluène)

Cloruro di benzile

Benzylchloride

Xi R : 84

S : 16-21-53-65-77-91



## 22. HCH

(1,2,3,4,5,6-hexaklorcyclohexan, alle isomere)

1,2,3,4,5,6-Hexachlor-cyclohexan, alle isomere (BHC)

BHC 1,2,3,4,5,6-Hexachlorocyclohexane (mixed stereoisomers)

1,2,3,4,5,6-Hexachlorocyclohexane (mélange des stéréoisomères)

1,2,3,4,5,6-Esacloro-cicloesano

1,2,3,4,5,6-Hexachloorcyclohexaan, alle isomeren (BHC)

T R : 56-83

S : 3-11-21-31-52-63-72-75-77-91-93-108

23. *gamma* HCHlindan, (*gamma*-1,2,3,4,5,6-hexaklorcyclohexan)*γ*-1,2,3,4,5,6,-Hexachlor-cyclohexan (lindan)*γ*-BHC, Lindane *γ*-1,2,3,4,5,6,-Hexachlorocyclohexane*γ*-1,2,3,4,5,6-Hexachlorocyclohexane (lindane)*γ*-1,2,3,4,5,6-Esacloro-cicloesano (lindano)*γ*-1,2,3,4,5,6-Hexachloorcyclohexaan (lindan)

T R : 56-83

S : 3-11-21-31-52-63-72-75-77-91-93-108

## 24. camphenklor, (reaktionsblanding af kloreret camphenisomere indeholdende 67-69 % klor)

Chlorierte Camphene (67-69 % Chlor) (toxaphen)

Chlorinated camphene (67-69 per cent chlorine) (camphechlor)

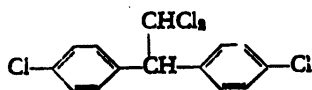
Camphène chloré (67-69 % de chlore) (toxaphène)

Canfene clorurato (67-69 % di cloro)

Gechloreerde camfenen (67-69 % chloor) (toxafeen)

T R : 58-83

S : 3-11-21-31-52-63-72-75-77-91-93-108



## 25. TDE

(1,1-diklor-2,2-di-(4-klorphenyl)-ethan)

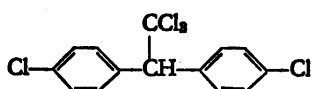
1,1-Dichlor-2,2-*bis*(4-chlor-phenyl)-äthan

1,1-Dichloro-2,2-di-(4-chlorophenyl)ethane

1,1-Dichloro-2,2-*bis*(4-chlorophényl)éthane1,1-Dicloro-2,2-*bis*(4-cloro-fenil)-etano1,1-Dichloor-2,2-*bis*(4-chloorfenyl)-ethaan

Xn R : 65-83

S : 2-12-21-31-52-63-91



## 26. (DDT)

(1,1,1-triklor-2,2-di-(4-klorphenyl)-ethan)

1,1,1-Trichlor-2,2-bis(4-chlor-phenyl)-äthan

pp'-DDT 1,1,1-Trichloro-2,2-di-(4-chlorophenyl)ethane

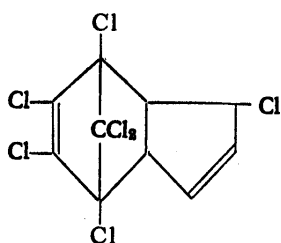
1,1,1-Trichloro-2,2-bis(4-chlorophényl)éthane (pp' zeidanc)

1,1,1-Trichloro-2,2-bis(4-cloro-fenil)-etano

1,1,1-Trichloor-2,2-bis(4-chloorfenyl)-ethaan

Xn R : 65-83

S : 2-12-21-31-52-63-91



## 27. heptachlore

heptaklor, (1,4,5,6,7,8,8-heptaklor-3a,4,7,7a,-tetrahydro-4,7-methano-inden)

1,4,5,6,7,8,8-Heptachlor-3a,4,7,7a-tetrahydro-4,7-endo-methano-inden (heptachlor)

heptachlor 1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrahydro-4,7-endo-methanoindene

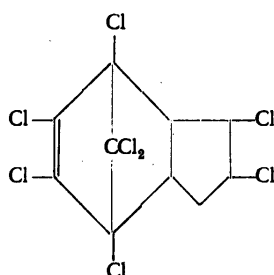
1,4,5,6,7,8,8-Heptachlore-3a,4,7,7a-tétrahydro-4,7-endomethano-indène

1,4,5,6,7,8,8-eptacloro-3a,4,7,7a-tetraidro-4,7-endo-metano-indene (eptacloro)

1,4,5,6,7,8,8-Heptachloor-3a,4,7,7a-tetrahydro-4,7-endo-methano-indeen (heptachloor)

T R : 58-83

S : 3-11-21-31-52-63-72-75-77-91-93-108



## 28. chlordane

klordan, (1,2,4,5,6,7,8,8-octaklor-3a,4,7,7a-tetrahydro-4,7-methanoindan)

1,2,4,5,6,7,8,8-Octachlor-3a,4,7,7a-tetrahydro-4,7-endo-methano-indan (chlordan)

1,2,4,5,6,7,8,8-Octachloro-3a,4,7,7a-tetrahydro-4,7-endo-methanoindene

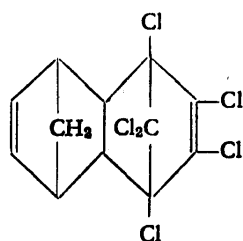
1,2,4,5,6,7,8,8-Octachloro-3a,4,7,7a-tétrahydro-4,7-endométhano-indane

1,2,4,5,6,7,8,8-Ottocloro-3a,4,7,7a-tetraidro-4,7-endo-metano-indano (clordano)

1,2,4,5,6,7,8,8-Octachloor-3a,4,7,7a-tetrahydro-4,7, endo-methano-indaan (chloordaan)

Xn R : 65-83

S : 2-12-21-31-52-63-91



## 29. aldrin (HHDN 95 %)

(1,2,3,4,10,10-hexaklor-1,4,4a,5,8,8a-hexahydro-exo-1,4-exo-5,8-dimethanonaphthalen)

1,2,3,4,10,10-Hexachlor-1,4,4a,5,8,8a-hexahydro-1,4-endo-5,8-exo-dimethano-naphtalin

1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-exo-1,4-endo-5,8-dimethanonaphthalene

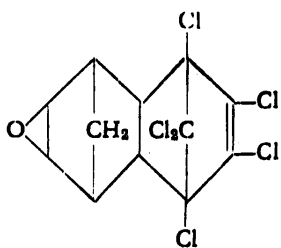
1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4-endo-5,8-exo-diméthano-naphtalène 95 % (aldrine)

1,2,3,4,10,10-Esacloro-1,4,4a,5,8,8a-esaidro-1,4-endo-5,8-exo-dimetano-naftalina

1,2,3,4,10,10-Hexachloor-1,4,4a,5,8,8a-hexahydro-1,4-endo-5,8-exo-dimethano-naftaleen

T R : 58

S : 3-11-21-31-52-63-72-75-77-91-93-108

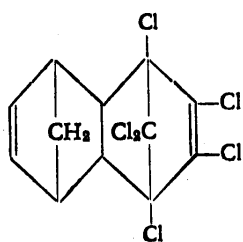


## 30. dieldrin (HEOD 85 %)

- (1,2,3,4,10,10-hexaklor-6,7-epoxy-1,4,4a,5,6,7,8,8a-acta-hydro-*exo*-1,4-*endo*-5,8-dimethanonaphthalen)  
 1,2,3,4,10,10-Hexachlor-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-*endo*-5,8-*exo*-dimethano-naphthalin  
 1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-*exo*-1,4-*endo*-5,8-dimethanonaphthalene  
 1,2,3,4,10,10-Hexachloro-6,7-époxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-*endo*-5,8-*exo*-diméthano-naphtalène 85 % (dieldrine)  
 1,2,3,4,10,10-Esacloro-6,7-eossi-1,4,4a,5,6,7,8,8a-ottoidro-1,4-*endo*-5,8-*e,exo*-dimtano-naftalina  
 1,2,3,4,10,10-Hexachloor-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-*endo*-5,8-*exo*-dimethano-naftaleen

T R : 58

S : 3-11-21-31-52-63-72-75-77-91-93-108

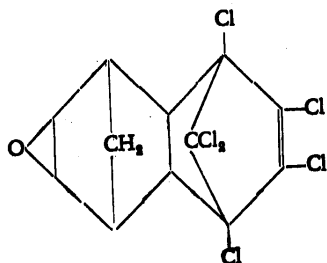


## 31. (isodrin)

- 1,2,3,4,10,10-hexaklor-1,4,4a,5,8,8a-hexahydro-1,4-*endo*-5,8-*endo*-dimethanonaphthalen  
 1,2,3,4,10,10-Hexachlor-1,4,4a,5,8,8a-hexahydro-1,4-*endo*-5,8-*endo*-dimethano-naphthalin  
 1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-*exo*-1,4-*exo*-5,8-dimethanonaphthalene  
 1,2,3,4,10,10-Hexachloro-1,4,4a,5,8,8a-hexahydro-1,4-*endo*-5,8-*endo*-diméthano-naphtalène (isodrine)  
 1,2,3,4,10,10-Esacloro-1,4,4a,5,8,8a-esaidro-1,4-*endo*-5,8-*endo*-dimetano-naftalina  
 1,2,3,4,10,10-Hexachloor-1,4,4a,5,8,8a-hexahydro-1,4-*endo*-5,8-*endo*-dimethano-naftaleen

T R : 58

S : 3-11-21-31-52-63-72-75-77-91-93-108

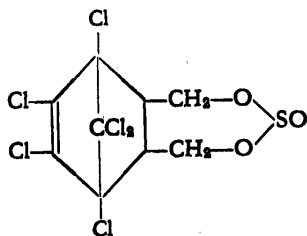


## 32. endrin

- (1,2,3,4,10,10-hexaklor-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-*exo*-1,4-*exo*-5,8-dimethanonaphthalen)  
 1,2,3,4,10,10-Hexachlor-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-*endo*-5,8-*endo*-dimethano-naphthalin  
 1,2,3,4,10,10-Hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-*exo*-1,4-*exo*-5,8-dimethanonaphthalene  
 1,2,3,4,10,10-Hexachloro-6,7-époxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-*endo*-5,8-*endo*-diméthano-naphtalène (endrine)  
 1,2,3,4,10,10-Esacloro-6,7-eossi-1,4,4a,5,6,7,8,8a-ottoidro-1,4-*endo*-5,8-*endo*-dimetano-naftalina  
 1,2,3,4,10,10-Hexachloor-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4-*endo*-5,8-*endo*-dimethano-naftaleen

T R : 58

S : 3-11-21-31-52-63-72-75-77-91-93-108

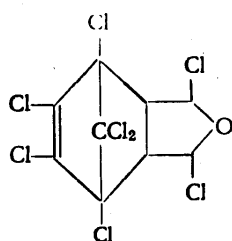


## 33. endosulfan

- (6,7,8,9,10,10-hexaklor-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzo[e]-dioxathiepin-3-oxid)  
 6,7,8,9,10,10-Hexachlor-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,3,4-benzo[e]-dioxathiepin-3-oxid  
 6,7,8,9,10,10-Hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-methano-2,4,3-benzo[e]dioxathiepin 3-oxide  
 6,7,8,9,10,10-Hexachloro-1,5,5a,6,9,9a-hexahydro-6,9-méthano-3-oxo-2,3,4-benzodioxathiepine  
 6,7,8,9,10,10-Esacloro-1,5,5a,6,9,9a-esaidro-6,9-metano-2,3,4-benzo[e]-diossatiepina-3-ossido  
 6,7,8,9,10,10-Hexachloor-1,5,5a,6,9,9a-hexahydro-6,69-methano-2,3,4-benzo[e]-dioxathiepin-3-oxide

T R : 58-70-83

S : 3-11-21-31-51-63-72-75-77-91-93-108



## 34. isobenzan

(1,3,4,5,6,7,8-octaklor-1,3,3a,4,7,7a-hexahydro-4,7-methanoisobenzofuran)

1,3,4,5,6,7,8-Octachlor-1,3,3a,4,7,7a-hexahydro-4,7-*endo*-methanoisobenzofuran1,3,4,5,6,7,8-Octachloro-1,3,3a,4,7,7a-hexahydro-4,7-*endo*-methanoisobenzofuran1,3,4,5,6,7,8-Octachloro-1,3,3a,4,7,7a-hexahydro-4,7-*endo*-méthanoisobenzofurane1,3,4,5,6,7,8-Ottocloro-1,3,3a,4,7,7a-esaidro-4,7-*endo*-metanoisobenzofurano1,3,4,5,6,7,8-Octachloor-1,3,3a,4,7,7a-hexahydro-4,7-*endo*-methanoisobenzofuraan

T R : 58-70-83

S : 3-11-21-31-51-63-72-75-77-91-93-108

602.

ALCOHOL OG DETS DERIVATER — ALKOHOLE UND IHRE DERIVATE —  
ALCOHOLS AND THEIR DERIVATIVES — ALCOOLS ET DÉRIVÉS —  
ALCOLI E DERIVATI — ALKHOLEN EN DERIVATEN

603.

CH<sub>3</sub>OH

## 1. Methanol, (methylalkohol)

Methanol (Methylalkohol)

Methanol (Methyl alcohol)

Alcool méthylique (Méthanol)

Alcool metilico (Metanolo)

Methanol (methylalcohol)

F + T R : 22-55

S : 3-15-21-53-108

C<sub>2</sub>H<sub>5</sub>OH

## 2. Ethanol, (ethylalkohol)

Äthanol (Äthylalkohol)

Ethanol (Ethyl alcohol)

Alcool éthylique (Éthanol)

Alcool etilico

Ethanol (ethylalcohol)

F R : 22

S : 15-23

C<sub>3</sub>H<sub>7</sub>OH

## 3. Propanol, (Propylalkohol)

Propanole (Propylalkohole)

Propanols (Propyl alcohols)

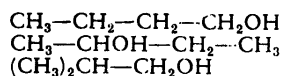
Alcools propyliques

Alcoli propilici

Propanolen (propylalcoholen)

F R : 22

S : 15-23



## 4. Butanol, (butylalkohol)

Butanole (Butylalkohole)

Butanols (Butyl alcohols)

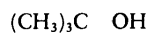
Alcools butyliques

Alcoli butilici

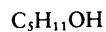
Butanolen (butylalcoholen)

Xn R : 21-64

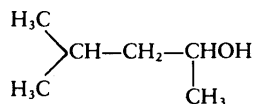
S : 15-65



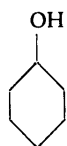
- 4.1. tert.-butylalkohol  
 tert.-Butanol (tert. Butylalkohol)  
 tertButyl alcohol (2-Methylpropan-2-ol)  
 Alcool ter.-butylique  
 Alcool terz.-butilico  
 tert.-Butylalcohol  
 F + Xn R : 22-64  
 S : 15-23-65



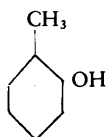
- 4.2. Pentylalkohol  
 Amylalkohole  
 Amyl alcohols (mixed isomers)  
 Alcools amyliques  
 Alcooli amilici  
 Amylalcoholen  
 Xn R : 21-83  
 S : 11-65



- 4.3. 1,4-Dimethylpentylalkohol  
 Methylamylalkohol  
 4-Methylpentan-2-ol  
 Alcool méthylamylique (Méthyisobutylcarbinol)  
 Metilisobutilcarbinolo  
 Methylamylalcohol  
 Xi R : 21-57.1  
 S : 13-23-65-71



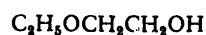
- 4.4. Cyclohexanol  
 Cyclohexanol  
 Cyclohexanol  
 Cyclohexanol  
 Cicloesanolo  
 Cyclohexanol  
 Xi R : 83  
 S : 11-65



- 4.5. 2-Methylcyclohexanol  
 o-Methyl-cyclohexanol  
 2-Methylcyclohexanol  
 2-Méthylcyclohexanol  
 Metilcicloesanolo  
 Methylcyclohexanol  
 Xi R : 83  
 S : 11-65



- 4.6. 2-Methoxyethylalkohol  
 Äthylenglykol-monomethyläther (Methylglykol)  
 2-Methoxyethanol (Ethylene glycol monomethyl ether)  
 Éther monométhylique d'éthylène-glycol (Méthylglycol)  
 Etilenglicol-monometileterere (Metilglicole)  
 Glycolmonomethylether (Methylglycol)  
 Xi R : 21-83  
 S : 23-65-71-108



## 4.7. 2-Ethoxyethylalkohol

Äthylenglykol-monoäthyläther (Äthylglykol)  
 2-Ethoxyethanol (Ethylene glycol monoethyl ether)  
 Éther monoéthylique d'éthylène-glycol (Ethyglycol)  
 Etilenglicol-monoetiletere (Etilglicole)  
 Glycolmono-ethylether (Ethyglycol)

Xi R : 21-83

S : 23-65-71-108



## 4.8. 2-Isopropoxyethylalkohol

Äthylenglykol-monoisopropyläther (Isopropylglykol)  
 2-Isopropoxyethanol (Ethylene glycol monoisopropyl ether)  
 Éther monoisopropylique d'éthylène-glycol (Isopropylglycol)  
 Etilenglicol-isopropiletere (Isopropilglicole)  
 Glycolisopropylether (Isopropylglycol)

Xi R : 83

S : 23-65-71-108

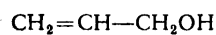


## 4.9. 2-Butoxyethylalkohol

Äthylenglykol-monobutyläther (Butylglykol)  
 2-Butoxyethanol (Ethylene glycol monobutyl ether)  
 Éther monobutylique d'éthylène-glycol (Butylglycol)  
 Etilenglicol-monobutiletere (Butilglicole)  
 Glycolmonobutylether (Butylglycol)

Xi R : 83

S : 23-65-71-108

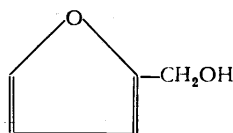


## 5. Allylalkohol

Allylalkohol  
 Allyl alcohol  
 Alcool allylique  
 Alcool allilico  
 Allyl alcohol

F + T R : 22-33-67-84

S : 16-21-36-71-76-77-104-108



## 5.1. Furfurylalkohol

Furfurylalkohol  
 Furfuryl alcohol  
 Alcool furfurylique  
 Alcool furfurilico  
 Furfuryl alcohol

T R : 58

S : 11-23-63-108

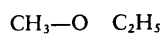


## 6. Dimethylether

Dimethyläther  
 Dimethyl ether  
 Oxyde de méthyle  
 Dimetiletere  
 Dimethylether

F R : 25-34

S : 15-22-34-36-104



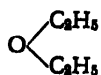
7. Methylethylether  
 Äthylmethyläther  
 Ethyl methyl ether  
 Oxyde de méthyle et d'éthyle  
 Metil-etil-eter  
 Ethylmethylether

F R : 25-34  
 S : 15-22-34-36-104



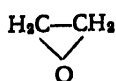
8. Methylvinylether  
 Methylvinyläther  
 Methyl vinyl ether  
 Oxyde de méthyle et de vinyle  
 Metil-vinil-eter  
 Methylvinylether

F R : 25-34  
 S : 15-22-34-36-104



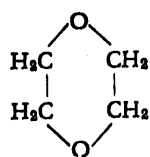
9. Diethylether, (ether)  
 Diäthyläther (Äther)  
 Diethyl ether  
 Oxyde d'éthyle (Éther éthylique)  
 Etere etilico  
 Diethylether

F R : 23-33-35  
 S : 15-23-27-36-53



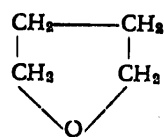
10. Ethylenoxid  
 Äthylenoxid (Oxiran)  
 Ethylene oxide (Oxiran)  
 Oxyde d'éthylène (Époxyéthane)  
 Ossido di etilene  
 Ethylenoxide (oxiraan)

F + T R : 26-34-60  
 S : 15-22-34-36-76-104-108



11. 1,4-dioxan, (diätylendioxid)  
 1,4-Dioxan  
 1,4-Dioxan  
 1,4-Dioxanne  
 1,4-Diossano  
 1,4-Dioxaan

F + Xn R : 22-35-57.1  
 S : 15-27-71-108



12. Tetrahydrofuran  
 Tetrahydrofuran  
 Tetrahydrofuran  
 Tétrahydrofurane  
 Tetraidrofurano  
 Tetrahydrofuraan

F R : 22-35  
 S : 15-27-65-71





## 12.1. Ethylenglicol

Äthylenglykol, Äthandiol (Glykol)

Ethanediol (Ethylene glycol)

Éthylène-glycol

Glicol etilenico

Glycol

Xn R : 54

S : 3



## 13. 2-klorethanol, (ætylenklorhydrin)

2-Chlor-äthanol (Äthylenchlorhydrin)

2-Chloroethanol (Ethylene chlorhydrin)

Éthylène-chlorhydrine (Alcool 2-chloréthylique)

Cloridrina etilenica (Cloridrina del glicol)

Glycolmonochloorhydrine (ethyleen-chloorhydrine)

T R : 67

S : 15-21-31-65-71-75-91-108



## 13.1. 2,2'-Diklorethylether

2,2'-Dichloräthyläther

Di-(2-chloroethyl) ether

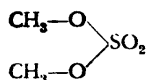
Oxyde de chloréthyle (Éther 2,2-dichloréthylique)

2,2'-Dichloroetiletere

2,2'-Dichloorethylether

T R : 21-58

S : 15-65-71-76-108



## 14. Dimethylsulfat

Dimethylsulfat

Dimethyl sulphate

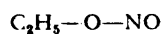
Sulfate de diméthyle

Dimetilsolfato

Dimethylsulfaat

T R : 67

S : 15-21-31-65-71-75-108



## 15. Ethylnitrit

Äthylnitrit

Ethyl nitrite

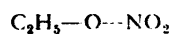
Nitrite d'éthyle

Nitrito di etile

Ethylnitriet

E R : 2-32

S : 6-15-22-32-36-53-65-91-103



## 16. Ethylnitrat

Äthylnitrat

Ethyl nitrate

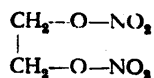
Nitrate d'éthyle

Nitrato di etile

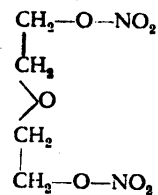
Ethylnitraat

E R : 2-32

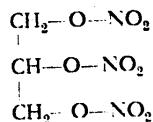
S : 6-15-22-32-36-53-65-91-103



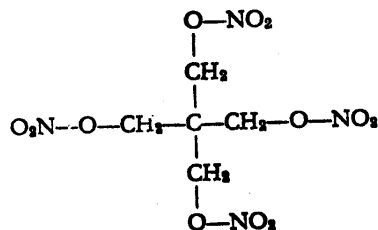
17. O,O-dinitroethylenglycol  
 Glykoldinitrat (Nitroglykol)  
 Ethanediol dinitrate (Ethylene glycol dinitrate)  
 Dinitrate de glycol (Dinitroglycol)  
 Dinitroglicol  
 Glykoldinitraat (dinitroglycol)  
 E + T R : 3-58-66  
 S : 6-11-22-25-28-36-41-53-59-72



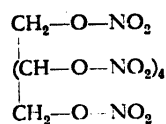
18. di-(2-nitrooxyethyl)ether  
 bis(Hydroxy-äthyl)-äther-dinitrat (Diäthylenglykoldinitrat)  
 Digol dinitrate (Diethylene glycol dinitrate)  
 Dinitrate de diglycol  
 Dinitrodiglicol  
 Diglykoldinitraat  
 E + T R : 3-58-66  
 S : 6-11-22-25-28-36-41-53-59-72



19. Glyceryltrinitrat, (nitroglycerin)  
 Glycerintrinitrat (Nitroglycerin)  
 Glycerol trinitrate (Nitroglycerine)  
 Trinitrate de glycérol (Nitroglycérine)  
 Nitroglicerina  
 Glyceroltrinitraat (nitroglycerine)  
 E + T R : 3-58-66  
 S : 6-11-22-25-28-36-41-53-59-72



20. Pentaerythroltetranitrat  
 Pentaerythrittetranitrat (Nitropenta, Pentrit)  
 Pentaerythritol tetranitrate  
 Tétranitrate de pentaérythrite (Penthrite)  
 Tetranitrato di pentaeritrite  
 Pentaerythrittetranitraat  
 E R : 3  
 S : 6-11-22-26-28-29-32-36-59-72



21. Mannitolhexanitrat  
 Mannithexanitrat  
 Mannitol hexanitrate  
 Hexanitrate de mannite (Nitromannite)  
 Mannitol-esanitrato  
 Manniethexanitraat  
 E R : 3  
 S : 6-11-22-26-28-29-32-36-59-72

22. Nitrocellulose  
 Nitrozellulose  
 Cellulose nitrate  
 Nitrates de cellulose (Nitrocelluloses)  
 Nitrocellulose  
 Nitrocellulosen  
 E R : 1  
 S : 5-6-11-22-26-28-29-32-36-72



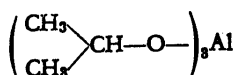
23. Alkalimethylater  
Alkalimethylate  
Alkali methoxides  
Méthylates alcalins  
Metilati alcalini  
Alkalimethylaten

F R : 22  
S : 11-22-37-104



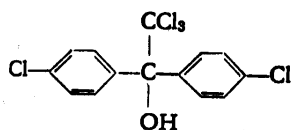
24. Alkaliethylæter  
Alkaliäthylate  
Alkali ethoxides  
Éthylates alcalins  
Etilati alcalini  
Alkaliethylaten

F R : 22  
S : 11-22-37-104



25. Aluminiumisopropylat  
Aluminium-triisopropylat  
Aluminium tri-isopropoxide  
Isopropylate d'aluminium  
Isopropilato di alluminio  
Aluminiumisopropylaar (aluminium tri-iso-propoxide)

F R : 22  
S : 11-22-37-104



26. dicofol  
(2,2,2-triklor-1,1-di(4-klorphenyl)ethanol)  
2,2,2-Trichlor-1,1-bis(4-chlor-phenyl)-äthanol  
2,2,2-Trichloro-1,1-di-(4-chlorophenyl)ethanol  
2,2,2-Trichloro-1,1-bis(4-chlorophényl)éthanol  
2,2,2-Tricloro-1,1-bis(4-cloro-fenil)-etanolo  
2,2,2-Trichloor-1,1-bis(4-chloorfenyl)-ethanol

Xn R : 65-83  
S : 2-11-21-31-51-63-91

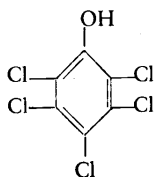
FENOL OG DETS DERIVATER — PHENOLE UND IHRE DERIVATE —  
PHENOL AND ITS DERIVATIVES — PHÉNOLS ET DÉRIVÉS —  
FENOLI E DERIVATI — FENOLEN EN DERIVATEN



1. Phenol  
Phenol  
Phenol  
Phénol  
Fenolo  
Fenol

T R : 58-81  
S : 3-11-31-65-71-92-108

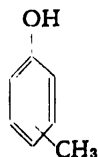
604.



2. Pentachlorphenol og dets alkalisalte  
 Pentachlorphenol und seine Alkalisalze  
 Pentachlorophenol and its alkali salts  
 Pentachlorophénol et ses alcalins  
 Pentaclorofenolo e suoi sali alcalini  
 Pentachloorfenol en zijn alkalizouten

T R : 58-83

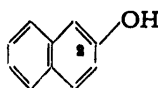
S : 3-11-21-31-52-63-72-75-77-91-93-108



3. Kresoler  
 Hydroxy-toluole (Kresole)  
 Cresols  
 Crésols  
 Cresoli  
 Kresolen

T R : 58-81

S : 3-11-31-65-71-92-108



4. Betanaphthol, (2-naphthol)  
 2-Naphthol (Betanaphthol)  
 2-Naphthol (Beta-naphthol)  
 β-naphthol  
 Betanaftolo  
 2-Naftol (Betanaftol)

Xn R : 54-83

S : 11-21-31-51-63-91

ALDEHYDER OG ALDEHYDDERIVATER — ALDEHYDE UND IHRE DERIVATE —  
 ALDEHYDES AND THEIR DERIVATIVES — ALDÉHYDES ET DÉRIVÉS —  
 ALDEIDI E DERIVATI — ALDEHYDEN EN DERIVATEN

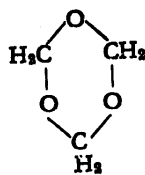
605.

HCHO

1. Formaldehyd, (methanal), opløsning: formalin  
 Formaldehyd (Formalin) (Lösungen)  
 Formaldehyde solutions (Formalin)  
 Aldéhyde formique (solutions) (Formol) (Méthanal)  
 Aldeide formica (soluzioni)  
 Formaldehyde (Oplossingen) (Formaline, Formol)

T R : 56-81-84

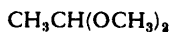
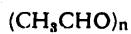
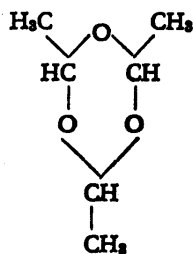
S : 3-13-21-31-54-65-77-91-108



2. Trioxymethylen, (1,3,5-trioxan)  
 1,3,5-Trioxan (Trioxymethylen)  
 1,3,5-Trioxan (Trioxymethylene)  
 Trioxyméthylène  
 Triossimetilene  
 Trioxymethyleen (1,3,5-trioxaan)

Xn R : 54

S : 2-11-21-31-51-63-91



## 3. Acetaldehyd

Acetaldehyd  
Acetaldehyde  
Aldéhyde acétique  
Aldeide acetica  
Acetaldehyde

F R : 23-33-35  
S : 15-22-53-65

## 4. Paraldehyd

2,4,6-Trimethyl-1,3,5-trioxan (Paraldehyd)  
Paraldehyde  
Paraldéhyde (Triacétaldéhyde)  
Paraldeide  
Paraldehyde

F R : 22  
S : 16-22-27-53-65

## 5. Metaldehyd

Metaldehyd  
Metaldehyde  
Métaldéhyde  
Metaldeide  
Metaldehyde

T R : 56-84  
S : 3-13-21-31-54-65-77-91-108

## 6. Butyraldehyd (butanal)

Butyraldehyd  
Butyraldehyde  
Aldéhyde butyrique  
Aldeide butirrica  
Butyraldehyde

F R : 22  
S : 15-22-23-53-65

## 6.1. 1,1-Dimethoxyethan

Dimethylacetal  
1,1-Dimethoxyethane (Dimethyl acetal)  
Diméthylacétal  
Dimetilacetale  
Dimethylacetal

F R : 22  
S : 16-23-53

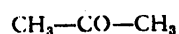
## 7. Acrolein, (2-propenal)

Acrylaldehyd (Acrolein)  
Acrylaldehyde (Acrolein)  
Acroléine (Aldéhyde acrylique)  
Acroleina  
Acrylaldehyde (Acroleine)

F + T R : 22-33-66-84  
S : 15-21-23-35-61-71-76-104-108

**KETONER OG KETONDERIVATER — KETONE UND IHRE DERIVATE —  
KETONES AND THEIR DERIVATIVES— CÉTONES ET DÉRIVÉS —  
CHETONI E DERIVATI — KETONEN EN DERIVATEN**

606.



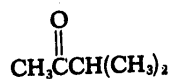
1. Acetone  
Aceton  
Acetone  
Acétone (Diméthylcétone)  
Acetone  
Aceton  
F R : 22  
S : 16-23



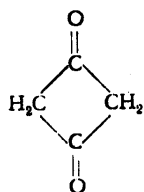
2. Methyléthylketon  
Äthylmethylketon (Butanon-2)  
Butanone (Ethyl methyl ketone)  
Méthyléthylcétone  
Metiletilchetone  
Ethylmethylketon  
F R : 22  
S : 16-23



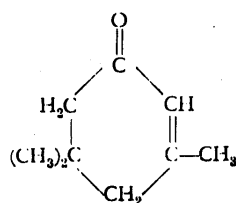
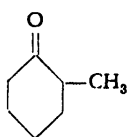
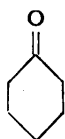
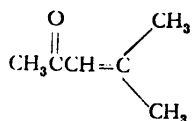
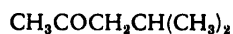
- 2.1. Diéthylketon  
Diäthylketon  
Pentan-3-one (Diethyl ketone)  
Diéthylcétone  
Dietilchetone  
Diethylketon  
F R : 22  
S : 16-23



- 2.2. Methylisopropylketon  
Methylisopropylketon (Pentanon-2)  
3-Methylbutan-2-one (Methyl isopropyl ketone)  
Méthylisopropylcétone  
Metilisopropilchetone  
Methylisopropylketon  
F R : 22  
S : 16-23



- 2.3. 1,3-Cyclobutandion  
Cyclobutandion-1,3  
Cyclobutane-1,3-dione  
1,3-Cyclobutanedione  
Ciclobutandione  
Cyclobutaandion  
F R : 22  
S : 16-23



- 2.4. Methylisobutylketon  
Methylisobutylketon  
4-Methylpentan-2-one (Isobutyl methyl ketone)  
Méthylisobutylcétone  
Metilisobutilchetone  
Methylisobutylketon

F R : 22  
S : 13-23-37

- 2.5. Methyl(2-methylpropen-(1)-yl)keton  
(Mesityloxid) 4-Methyl-penten-3-on-2  
(Mesityl oxide) 4-Methylpent-3-en-2-one  
Oxyde de mésityle  
Ossido di mesitile  
Mesityloxide

T R : 21-58  
S : 23-63-75-108

- 2.6. Cyclohexanon  
Cyclohexanon  
Cyclohexanone  
Cyclohexanone  
Cicloesanone  
Cyclohexanon

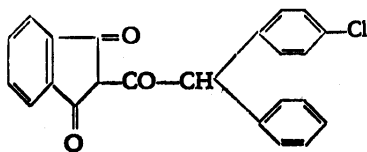
Xi R : 21-83  
S : 11-65

- 2.7. 2-Methylcyclohexanon  
o-Methyl-cyclohexanon  
2-Methylcyclohexanone  
2-Méthylcyclohexanone  
Metilicicloesanone  
Methylcyclohexanon

Xi R : 21-83  
S : 11-65

- 2.8. (3,5,5-Trimethylcyclohexen-(2)-on-(1))  
(Isophoron) 3,5,5-Trimethyl-cyclohexen-2-on-1  
Isophorone  
Isophorone  
Isoforone  
Isoforon

T R : 58  
S : 11-23-65-71-75-108

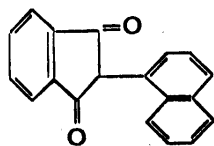


## 3. chlorophacinone

- (2-(2-(4-klorphenyl)-2-fenylacetyl)indan-1,3-dion)  
 2[2-(4-Chlor-phenyl-2-phenyl)-acetyl]-indan-1,3-dion  
 2-(2-p-Chlorophenyl-2-phenylacetyl)indane-1,3-dione  
 2[2-(4-chlorophényl)-2-phénylacétyl]-1,3-indanedione  
 2[2-(4-cloro-fenil-2-fenil)-acetil]-indan-1,3-dione  
 2[2-(4-chloorfenyl-2-fenyl)acetyl]-indaan-1,3-dion

T R : 58

S : 3-11-21-31-52-63-72-91-93-108

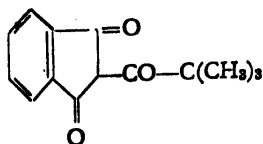


## 4. naphthylindandion

- 2-(1-naphthyl)indan-1,3-dion  
 2-(1-Naphthyl)-indan-1,3-dion  
 2-(1-Naphthyl)indane-1,3-dione  
 2-(1-Naphthyl)-1,3-indanedione (naphthylindanedione)  
 2-(1-Naftil)-indan-1,3-dione  
 2-(1-Nafty)-indaan-1,3-dion

T R : 55

S : 3-11-21-31-63-74-91-108



## 5. pindone

- (2-pivaloylidan-1,3-dion)  
 2-Pivaloyl-indan-1,3-dion  
 2-Pivaloylindane-1,3-dione  
 2-Pivalóyl-1,3-indanedione (pivaldione)  
 2-(Trimetil-acetil)-indan-1,3-dione (pivaldion)  
 2-pivaloylindaan-1,3-dion

T R : 55

S : 3-11-21-31-51-72-75-108

ORGANISKE SYRER OG DERES DERIVATER — ORGANISCHE SÄUREN UND IHRE DERIVATE —  
 ORGANIC ACIDS AND THEIR DERIVATIVES — ACIDES ORGANIQUES ET DÉRIVÉS —  
 ACIDI ORGANICI E DERIVATI — ORGANISCHE ZUREN EN DERIVATEN

## HCOOH

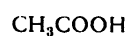
1. Myresyre og opløsninger indeholdende mere end 25% HCOOH  
 Ameisensäure und ihre Lösungen mit mehr als 25% HCOOH  
 Formic acid  
 Acide formique et solutions contenant plus de 25% de HCOOH  
 Acido formico e soluzioni con oltre il 25% di HCOOH  
 Mierenzuur en oplossingen met meer dan 25% HCOOH

C R : 81

S : 11-32-53-65-67-94-109



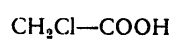
607.



2. Eddikesyre og opløsninger indeholdende mere end 25%  $\text{CH}_3\text{COOH}$   
 Essigsäure und ihre Lösungen mit mehr als 25%  $\text{CH}_3\text{COOH}$   
 Acetic acid and solutions containing more than 25 per cent  $\text{CH}_3\text{COOH}$   
 Acide acétique et solutions contenant plus de 25% de  $\text{CH}_3\text{COOH}$   
 Acido acetico e soluzioni con oltre il 25% di  $\text{CH}_3\text{COOH}$   
 Azijnzuur en oplossingen met meer dan 25%  $\text{CH}_3\text{COOH}$

C R : 81

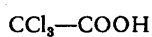
S : 2-12-31-32-65-94



3. Monokloreddikesyre  
 Monochloressigsäure  
 Chloroacetic acid  
 Acide chloracétique  
 Acido monocloroacetico  
 Monochloorazijnzuur

T R : 58-82

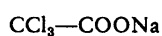
S : 3-11-21-31-52-65-72-75-77-91-108



4. Triklorreddikesyre  
 Trichloressigsäure  
 Trichloroacetic acid  
 Acide trichloracétique  
 Acido tricloroacetico  
 Trichloorazijnzuur (TCA)

C R : 58-82

S : 3-11-21-31-52-65-72-75-77-91-109



5. TCA, (natrium-trichloracetat)  
 Natriumtrichloracetat  
 Sodium trichloroacetate  
 Trichloracétate de sodium  
 Tricloroacetato di sodio  
 Natriumtrichlooracetaat

Xn R : 54

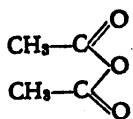
S : 12-31-63-93



6. Oxalsyre og dets salte  
 Oxalsäure und ihre Salze  
 Oxalic acid and its salts  
 Acide oxalique et ses sels  
 Acido ossalico e suoi sali  
 Oxaalzuur en zijn zouten

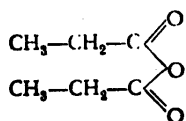
Xn R : 54

S : 11-21-31-51-63-91



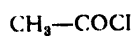
7. Eddikesyreanhydrid  
Essigsäureanhydrid (Acetanhydrid)  
Acetic anhydride  
Anhydride acétique  
Anidride acetica  
Azijnzuuranhydride

C R : 81  
S : 15-23-53-63-67-108



- 7.1. Propionsyreanhydrid  
Propionsäureanhydrid  
Propionic anhydride  
Anhydride propionique  
Anidride proponica  
Propionzuuranhydride

C R : 81  
S : 15-23-53-63-67-108



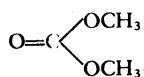
8. Acetylchlorid  
Acetylchlorid  
Acetyl chloride  
Chlorure d'acétyle  
Cloruro di acetile  
Acetylchloride

F + C R : 22-81  
S : 15-23-27-53-65-71-108



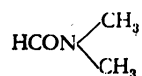
9. Benzoylchlorid  
Benzoylchlorid  
Benzoyl chloride  
Chlorure de benzoyle  
Cloruro di benzoile  
Benzoylchloride

C R : 81  
S : 11-32-53-63-93



- 9.1. Dimethylcarbonat  
Dimethylcarbonat  
Dimethyl carbonate  
Carbonate de diméthyle  
Carbonato di dimetile  
Dimethylcarbonaat

F + Xn R : 22-57.1  
S : 15-23-71



- 9.2. *N,N*-Dimethylformamid  
*N,N*-Dimethyl-formamid  
 Dimethylformamide  
*N,N*-Diméthylformamide  
*N,N*-Dimetilformammide  
*N,N*-Dimethylformamide

Xn R : 57.1

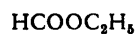
S : 23-65-71-108



10. Methylformiat  
 Ameisensäuremethylester (Methylformiat)  
 Methyl formate  
 Formiate de méthyle  
 Formiato di metile  
 Methylformiaat

F R : 22

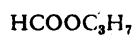
S : 15-23



11. Ethylformiat  
 Ameisensäureäthylester (Äthylformiat)  
 Ethyl formate  
 Formiate d'éthyle  
 Formiato di etile  
 Ethylformiaat

F R : 22

S : 15-23



- 11.1. Propylformiat  
 Ameisensäurepropylester (Propylformiate)  
 Propyl formates  
 Formiates de propyle  
 Formiati di propile  
 Propylformiaten

F R : 22

S : 15-23



- 11.2. Butylformiat  
 Ameisensäurebutylester (Butylformiate)  
 Butyl formates  
 Formiates de butyle  
 Formiati di butile  
 Butylformiaten

F R : 22

S : 15-23



## 11.3. Pentylformiat

Ameisensäureamylester (Amylformiate)

Amyl formates

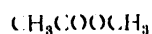
Formiates d'amyle

Formiati di amile

Amylformiaten

R : 21

S : 15-23



## 12. Methylacetat

Essigsäuremethylester (Methylacetat)

Methyl acetate

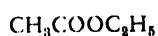
Acétate de méthyle

Acetato di metile

Methylacetaat

F R : 22

S : 16-23



## 13. Ethylacetat

Essigsäureäthylester (Äthylacetat)

Ethyl acetate

Acétate d'éthyle

Acetato di etile

Ethylacetaat

F R : 22

S : 16-23



## 14. Vinylacetat

Essigsäurevinylester (Vinylacetat)

Vinyl acetate

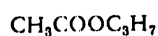
Acétate de vinyle

Acetato di vinile

Vinylacetat

F R : 22

S : 16-23-53



## 15. Isopropylacetat

Essigsäurepropylester (Propylacetate)

Propyl acetates

Acétates de propyle

Acetati di probile

Propylacetaten

F R : 22

S : 16-23



## 16. Butylacetat

Essigsäurebutylester (Butylacetate)

Butyl acetates

Acétates de butyle

Acetati di butile

Butylacetaten

F R : 22

S : 16-23



## 16.1. Methylpropionat

Propionsäuremethylester

Methyl propionate

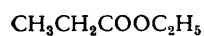
Propionate de méthyle

Propionato di metile

Methylpropionaat

F R : 23

S : 16-23



## 16.2. Ethylpropionat

Propionsäureäthylester

Ethyl propionate

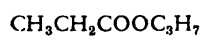
Propionate d'éthyle

Propionato di etile

Ethylpropionaat

F R : 22

S : 16-23



## 16.3 Propylpropionat

Propionsäurepropylester

Propyl propionates

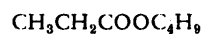
Propionates de propyle

Propionati di propile

Propylpropionaat

R : 21

S : 13-37



## 16.4. Butylpropionat

Propionsäurebutylester

Butyl propionates

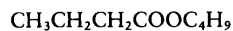
Propionates de butyle

Propionati di butile

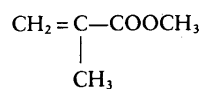
Butylpropionaat

R : 21

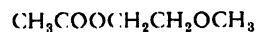
S : 13-37



- 16.5 Butylbutyrat  
 Buttersäurebutylester  
 Butyl butyrates  
 Butyrates de butyle  
 Butirradi di butile  
 Butylbutyraat  
 R : 21  
 S : 13-37



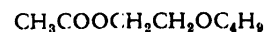
- 16.6 Methylmethacrylat  
 Methylacrylsäuremethylester (Methylmethacrylat)  
 Methyl methacrylate  
 Méthacrylate de méthyle  
 Metacrilato di metile  
 Methylmethacrylaat  
 F + Xi R : 22-57.1  
 S : 15-23-65-71-108



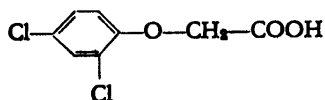
- 16.7 2-Methoxyethylacetat  
 Äthylenglykol-monomethylätheracetat (Methylglykolacetat)  
 2-Methoxyethyl acetate (Methylglycol acetate)  
 Acétate d'éther monométhylique d'éthylène-glycol  
 (Acétate de méthylglycol)  
 Acetato di etilenglicolmonometilere (Acetato di metilglicole)  
 Glycolmonomethyletheracetaat (Methylglycolacetaat)  
 Xi R : 21-83  
 S : 63



- 16.8 2-Ethoxyethylacetat  
 Äthylenglykol-monoäthylätheracetat (Äthylglykolacetat)  
 2-Ethoxyethyl acetate (Ethylglycol acetate)  
 Acétate d'éther monoéthylique d'éthylène-glycol  
 (Acétate d'éthylglycol)  
 Acetato di etilenglicolmonoetilere (Acetato di etilglicole)  
 Glycolmono-ethyletheracetaat (Ethylglycolacetaat)  
 Xi R : 21-83  
 S : 63



- 16.9 2-Butoxyethylacetat  
 Äthylenglykol-monobutylätheracetat (Butylglykolacetat)  
 2-Butoxyethyl acetate (Butyl glycol acetate)  
 Acétate d'éther monobutylique d'éthylène-glycol  
 (Acétate de butylglycol)  
 Acetato di etilenglicolmonobutilere (Acetato di butilglicole)  
 Glycolmonobutyletheracetaat (Butylglycolacetaat)  
 Xi R : 21-83  
 S : 63



## 17. 2,4-D

(2,4-diklorphenoxyeddikesyre)  
 (2,4-Dichlor-phenoxy)-essigsäure  
 2,4-Dichlorphenoxyacetic acid  
 Acide 2,4-dichlorophénoxyacétique  
 Acido(2,4-dicloro-fenossi)-acetico  
 (2,4-Dichloor-fenoxy)-azijnzuur

Xn R : 51-84

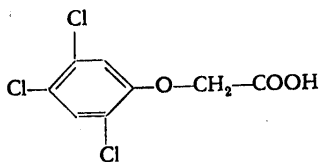
S : 2-11-21-31-51-63-91

## 18. Salte og estere af 2,4-D

Salze und Ester der 2,4-D  
 Salts and esters of 2,4-D  
 Sels et esters de 2,4-D  
 Sali ed esteri del 2,4-D  
 Zouten en esters van 2,4-D

Xn R : 51-84

S : 2-11-21-31-51-63-91



## 19. 2,4,5-T

(2,4,5-triklorphenoxyeddikesyre)  
 (2,4,5-Trichlor-phenoxy)-essigsäure  
 2,4,5-Trichlorphenoxyacetic acid  
 Acide 2,4,5-trichlorophénoxyacétique  
 Acido (2,4,5-tricloro-fenossi)-acetico  
 (2,4,5-Trichloor-fenoxy)azijnzuur

Xn R : 51-84

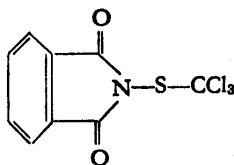
S : 2-11-21-31-51-63-91

## 20. Salte og estere af 2,4,5-T

Salze und Ester der 2,4,5-T  
 Salts and esters of 2,4,5-T  
 Sels et esters de 2,4,5-T  
 Sali ed esteri del 2,4,5-T  
 Zouten en esters van 2,4,5-T

Xn R : 51-84

S : 2-11-21-31-51-63-91

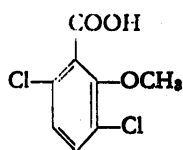


## 21. folpet

(N-(triklormethylthio)phthalimid)  
 N-(Trichlor-methylthio)-phthalimid  
 N-(Trichloromethylthio)phthalimide  
 N-Trichlorométhylthiophthalimide  
 N-(Tricloro-metiltio)-ftalimide  
 N-(Trichloormethylthio)ftaalimide

Xi R : 84

S : 2-11-21-31-63-91



## 22. dicamba

(3,6-diklor-2-methoxybenzoesyre)  
 3,6-Dichlor-2-methoxy-benzoessäure  
 3,6-Dichloro-2-methoxybenzoic acid (Dicamba)  
 Acide 3,6-dichloro-2-méthoxybenzoïque  
 Acido(3,6-dicloro-2-metossi)-benzoico  
 3,6-Dichloor-2-methoxybenzoezuur

Xn R : 57-83

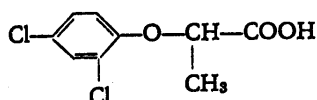
S : 2-11-21-31-51-63-91

## 23. Salte af dicamba

Salze der 3,6-Dichlor-2-methoxy-benzoessäure  
 Salts of 3,6-dichloro-2-methoxybenzoic acid  
 Sels de dicamba  
 Sali dell'acido(3,6-dicloro-2-metossi)-benzoico  
 Zouten van 3,6-Dichloor-2-methoxybenzoezuur

Xn R : 57-83

S : 2-11-21-31-51-63-91

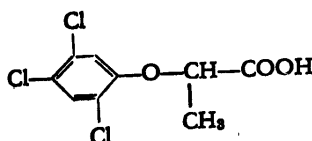


## 24. dichlorprop

(2-(2,4-diklorphenoxy)propionsyre)  
 2-(2,4-Dichlor-phenoxy)-propionsäure  
 2-(2,4-Dichlorophenoxy)propionic acid  
 Acide 2-(2,4-dichlorophénoxy)propionique  
 Acido 2-(2,4-dicloro-fenossi)-propionico  
 2-(2,4-Dichloorfenoxy)-propionzuur (dichloorprop)

Xn R : 51-84

S : 2-11-21-31-51-63-91

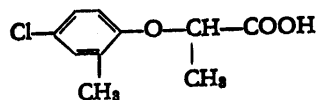


## 25. fenoprop

(2-(2,4,5-triklorphenoxy)propionsyre)  
 2-(2,4,5-Trichlor-phenoxy)-propionsäure  
 2-(2,4,5-Trichlorophenoxy)propionic acid  
 Acide 2-(2,4,5-trichlorophénoxy)propionique (2,4,5-TP)  
 Acido 2-(2,4,5-tricloro-fenossi)-propionico  
 2-(2,4,5-Trichloorfenoxy)-propionzuur

Xn R : 51-84

S : 2-11-21-31-51-63-91



## 26. mecoprop

(2-(4-klor-2-methylphenoxy)propionsyre)  
 2-(4-Chlor-2-methyl-phenoxy)-propionsäure  
 2-(4-Chloro-2-methylphenoxy)propionic acid  
 Acide 2-(4-chloro-2-méthylphénoxy)propionique  
 Acido 2-(4-cloro-2-metil-fenossi)-propionico  
 2-(4-Chlloor-2-methylfenoxy)-propionzuur

Xn R : 51-84

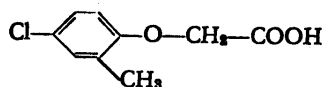
S : 2-11-21-31-51-63-91



27. Salte af meklorprop  
 Salze der mecoprop  
 Salts of mecoprop  
 Sels de mécoprop  
 Sali del mecoprop  
 Zouten van mecoprop

Xn R : 51-84

S : 2-11-21-31-51-63-91



28. MCPA

(4-klor-2-methylphenoxyeddikesyre)

(4-Chlor-2-methyl-phenoxy)-essigsäure

4-Chloro-2-methylphenoxyacetic acid

Acide (4-chloro-2-méthylphénoxy)acétique (2,4-MCPA)

Acido(4-cloro-2-metil-fenossi)-acetico

(4-Chloor-2-methylfenoxy)-azijnzuur

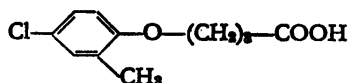
Xn R : 51-84

S : 2-11-21-31-51-63-91

29. Salte og estere af MCPA  
 Salze und Ester der MCPA  
 Salts and esters of MCPA  
 Sels et esters de MCPA  
 Sali ed esteri del MCPA  
 Zouten en esters van MCPA

Xn R : 51-84

S : 2-11-21-31-51-63-91



30. MCPB

(4-(4-klor-2-methylphenoxy)smørsyre)

4-(4-Chlor-2-methyl-phenoxy)-buttersäure

4-(4-Chloro-2-methylphenoxy)butyric acid

Acide 4-(4-chloro-2-méthylphénoxy)butyrique (2,4-MCPB)

Acido 4-(4-cloro-2-metil-fenossi)-butirrico

4-(4-Chloor-2-methylfenoxy)-boterzuur

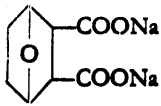
Xn R : 51-84

S : 2-11-21-31-51-63-91

31. Salte og estere af MCPB  
 Salze und Ester der MCPB  
 Salts and esters of MCPB  
 Sels et esters de MCPB  
 Sali ed esteri del MCPB  
 Zouten en esters van MCPB

Xn R : 51-84

S : 2-11-21-31-51-63-91



## 32. endothal-Na

(dinatrium-3,6-epoxy-cyklohexan-1,2-dicarboxylat)

Dinatrium-(3,6-epoxy-cyclohexan, 1,2-dicarboxylat)

endothal-sodium 3,6-Epoxy cyclohexane-1,2-dicarboxylic acid disodium salt

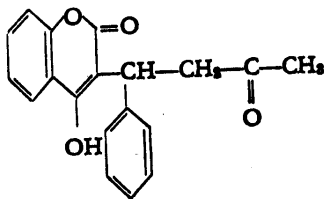
3,6-Epoxy-cyclohexane 1,2-dicarboxylate disodique

(3,6-epossi-cicloesan-1,2-dicarbossilato) disodico

Dinatrium-(3,6-epoxycyclohexaan-1,2-dicarboxylaat)

T R : 58-84

S : 3-6-11-21-30-31-51-57-65-73-77-78-92-108



## 33. warfarin (1)

(4-hydroxy-3-(3-oxo-1-phenylbutyl)coumarin)

4-Hydroxy-3-(3-oxo-1-phenyl)-butyl-coumarin

4-Hydroxy-3-(3-oxo-1-phenylbutyl)coumarin

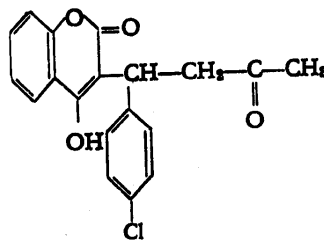
3-(1-Phényl-3-oxo-butyl)-4-hydroxycoumarine (coumafène)

4-Idrossi-3-(3-oxo-1-fenil-butil)-cumarina

4-Hydroxy-3-(3-oxo-1-fenylbutyl)-cumarine

T R : 55

S : 3-11-21-31-63-74-91-108



## 34. coumachlor

(4-hydroxy-3-(3-oxo-1-(4-klorphenyl)butyl)-coumarin

3-[1-(4-Chlor-phenyl)-3-oxo-butyl]-4-hydroxy-coumarin (cumachlor)

4-Hydroxy-3-[3-oxo-1-(4-chlorophenyl)butyl]coumarin

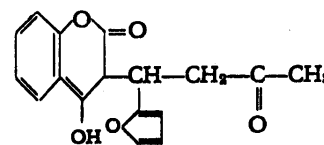
3-[1-(4-Chlorophényl)-3-oxo-butyl]-4-hydroxycoumarine (coumachlore)

3-[1-(4-cloro-fenil)-3-oxo-butil]-4-idrossi-cumarina

3-[1-(4-Chloorfenyl)-3-oxo-butyl]-4-hydroxycoumarine (cumachloor)

T R : 55

S : 3-11-21-31-63-74-91-108



## 35. coumafuryl

(4-hydroxy-3-(3-oxo-1-(2-furyl)butyl)-coumarin)

3-[1-(2-Furyl)-3-oxo-butyl]-4-hydroxy-coumarin (cumafuryl)

4-Hydroxy-3-[3-oxo-1-(2-furyl)butyl]coumarin (Fumarin)

3-[1-(2-Furyl)-3-oxo-butyl]-4-hydroxycoumarine

3-[1-(2-furyl)-3-oxo-butil]-4-idrossi-cumarina

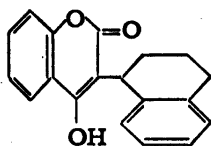
3-[1-(2-furyl)-3-oxobutyl]-4-hydroxycoumarine (cumafuryl)

T R : 55

S : 3-11-21-31-51-72-75-108

(1) Navnet »warfarin« er ikke autoriseret i Frankrig.  
Die Bezeichnung »warfarin« ist in Frankreich nicht zugelassen.  
The name »warfarin« is not recognized in France.  
L'appellation »warfarin« n'est pas autorisée en France.  
La denominazione »warfarin« non è autorizzata in Francia.  
De naam »warfarin« is in Frankrijk niet toegelaten.

607.

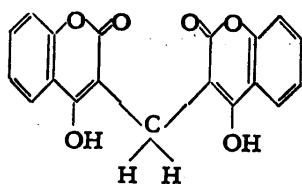


## 36. coumatetralyl

- (4-hydroxy-3-(1,2,3,4-tetrahydro-1-naphthyl)coumarin)  
 4-Hydroxy-3-(1,2,3,4-tetrahydro-1-naphthyl)-cumarin (cumatetralyl)  
 4-Hydroxy-3-(1,2,3,4-tetrahydro-1-naphthyl)coumarin  
 3-(1,2,3,4-Tétrahydro-1-naphthyl)-4-hydroxycoumarine  
 4-idrossi-3-(1,2,3,4-tetraidro-1-naftil)-cumarina  
 4-Hydroxy-3-(1,2,3,4-tetrahydro-1-naftyl)-cumarine (cumatetralyl)

T R : 55

S : 3-11-21-31-51-63-91-93-108



## 37. dicoumarin

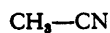
- 3,3'-methylene-*bis*(4-hydroxycoumarin)  
 3,3'-Methylene-*bis*(4-hydroxy-cumarin)  
 (bis-(4-hydroxy di coumarin-3-yl)t-methan)  
 3,3'-Methylenedi (4-hydroxycoumarin)  
 3,3'-Méthylène-*bis*(4-hydroxycoumarine)  
 3,3'-Metilen-*bis*(4-idrossi-cumarina)  
 3,3'-Methyleen-*bis*(4-hydroxycumarine)

T R : 55

S : 3-11-21-31-63-74-91-108

## NITRILLER — NITRILE — NITRILES — NITRILES — NITRILI — NITRILLEN

608.

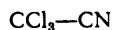


## 1. Acetonitril

- Acetonitril  
 Acetonitrile  
 Acétonitrile  
 Acetonitrile  
 Acetonitril

F + T R : 22-58

S : 15-22-27-71-108

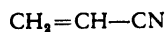


## 2. Trikloracetnitril

- Trichloroacetnitril  
 Trichloroacetnitrile  
 Nitrile trichloracétique (Trichloracétonitrile)  
 Tricloroacetnitrile  
 Trichlooracetnitril

T R : 56-66

S : 11-53-64-91-93-108

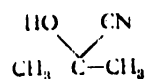


## 3. Acrylsyrenitril (propensyrenitril)

- Acrylnitril  
 Acrylonitrile  
 Acrylonitrile (Cyanure de vinyle)  
 Nitrile acrilico (cianuro di vinile)  
 Acrylnitril (vinylcyanide)

F + T R : 22-33-56-66

S : 1-16-21-23-36-65-71-76-93-104-108

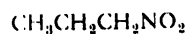


4. Acetonecyanhydrin  
 Acetoncyanhydrin  
 2-Cyanopropan-2-ol (Acetone cyanohydrin)  
 Acétonecyanhydrine  
 Acetoncianidrina  
 Acetoncyanhydrine  
 T R : 56-66  
 S : 11-53-64-91-93-108

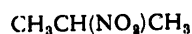
608.

NITROFORBINDELSER — NITROVERBINDUNGEN — NITRO COMPOUNDS — DÉRIVÉS NITRÉS —  
 NITRODERIVATI — NITROVERBINDINGEN

609.



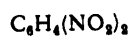
- 0.1. 1-Nitropropan  
 1-Nitro-propan  
 1-Nitropropane  
 1-Nitropropane  
 1-Nitropropano  
 1-Nitropropan  
 Xn R : 21-57.1  
 S : 15-23-65-71-108



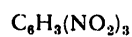
- 0.2. 2-Nitropropan  
 2-Nitropropan  
 2-Nitropropane  
 2-Nitropropane  
 2-Nitropropane  
 2-Nitropropano  
 2-Nitropropan  
 Xn R : 21-57.1  
 S : 15-23-65-71-108



1. Nitrobenzen  
 Nitrobenzol  
 Nitrobenzene  
 Nitrobenzène  
 Nitrobenzene  
 Nitrobenzen  
 T R : 58  
 S : 11-23-63-73-91-108



2. Dinitrobenzen  
 Dinitrobenzole  
 Dinitrobenzenes  
 Dinitrobenzènes  
 Dinitrobenzeni  
 Dinitrobenzenen  
 T R : 55  
 S : 6-11-21-52-63-72-91-108



3. Trinitrobenzen  
Trinitrobenzole  
Trinitrobenzenes  
Trinitrobenzènes  
Trinitrobenzeni  
Trinitrobenzenen

E + T R : 2-55

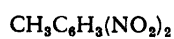
S : 6-11-21-26-28-29-32-36-52-63-72-91-108



4. Nitrotoluen (o og p)  
2- und 4-Nitrotoluol  
2-and 4-Nitrotoluenes  
Nitrotoluènes (o et p)  
Nitrotolueni (o e p)  
Nitrotoluenen (o en p)

T R : 58

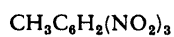
S : 6-11-21-53-63-72-91-108



5. Dinitrotoluen  
Dinitrotoluole  
Dinitrotoluenes  
Dinitrotoluènes  
Dinitrotolueni  
Dinitrotoluenen

T R : 55

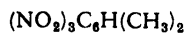
S : 6-11-21-52-63-72-91-108



6. Trinitrotoluen (TNT)  
Trinitrotoluol (TNT)  
2,4,6-Trinitrotoluene (TNT)  
Trinitrotoluène (TNT)  
Trinitrotoluene (TNT)  
Trinitrotolueen (TNT)

E + T R : 2-55

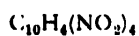
S : 6-11-21-26-28-29-32-36-52-63-72-91-108



7. Trinitroxylen  
Trinitroxyle  
Trinitroxylenes  
Trinitroxylènes  
Trinitroxiloli  
Trinitroxylenen

E R : 2-54

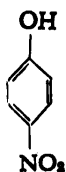
S : 6-11-21-26-28-29-32-36-52-63-72-91



8. Tetranitronaphthalen  
Tetranitronaphthaline  
Tetranitronaphthalenes  
Tétranitronaphtalènes  
Tetranitronaftaline  
Tetranitronaftaline

E R : 2-54

S : 6-11-21-26-28-29-32-36-52-63-72-91



9. Paranitrophenol  
4-Nitrophenol (Paranitrophenol)  
4-Nitrophenol  
p-Nitrophénol  
Paranitrofenolo  
Paranitrofenol

Xn R : 57

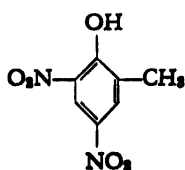
S : 2-11-21-31-51-63-91



10. Dinitrophenoler og deres salte  
Dintropheno e und ihre Salze  
Dinitrophenols and their salts  
Dinitrophénols et leurs sels  
Dinitrofenoli e loro sali  
Dinitrofenolen en hun zouten

T R : 58

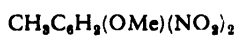
S : 3-11-21-31-51-64-72-75-77-91-93-108



11. DNOC, (2-methyl-4,6-dinitrophenol)  
4,6-Dinitro-o-kresol  
4,6-Dinitro-o-cresol (DNOC)  
4,6-Dinitro-o-crésol (DNOC)  
4,6-Dinitro-o-cresolo  
4,6-Dinitro-o-kresol

T R : 58

S : 3-11-21-31-51-64-72-75-77-91-93-108



12. Kalium- og natriumsalte af DNOC  
Kalium- und Natrium-dinitro-o-kresylat  
Sodium and potassium salts of 4,6-dinitro-o-cresol  
Dinitro-o-crésylates de sodium et de potassium  
Dinitro-o-cresilato di sodio e di potassio  
Dinitro-o-kresolkalium en -natrium

E + T R : 1-58

S : 3-6-11-21-28-29-32-36-63-73-76-91-93-108

609.



## 13. Ammoniumsalt af DNOC

Ammonium-dinitro-o-kresylat (Dinitro-o-kresol-ammonium)

4,6-Dinitro-o-cresol ammonium salt

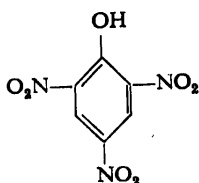
Dinitro-o-crésylate d'ammonium

Dinitro-o-cresilato d'ammonio

Dinitro-o-Kresol-ammonium (DNC ammoniumzout)

T R : 58

S : 3-11-21-31-41-63-72-75-77-91-93-108



## 14. 2,4,6-trinitrophenol, (pikrinsyre)

2,4,6-Trinitrophenol (Pikrinsäure)

Picric acid (2,4,6-Trinitrophenol)

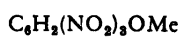
2,4,6-Trinitrophénol (Acide picrique)

2,4,6-Trinitrofenolo (ácido picrico)

2,4,6-Trinitrofenol (pikrinezuur)

E + T R : 2-4-58

S : 6-11-21-26-28-29-32-36-42-52-63-72-92-108



## 15. Alkalipikrater

Alkali- und Ammoniumpikrate

Alkali salts of picric acid

Picrates alcalins

Picrati alcalini

Pikrinezuur, alkalizouten van

E R : 3

S : 6-11-21-26-28-29-32-36-52-63-72-92



## 16. Trinitroanisol

Trinitroanisole

2,4,6-Trinitroanisole

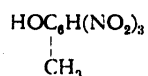
Trinitroanisol (Picrate de méthyle)

Trinitroanisolo

Trinitroanisool

E R : 2-54

S : 6-11-21-26-28-29-32-36-52-63-72-91



## 17. Trinitrokresol

Trinitrokresole

Trinitroresols

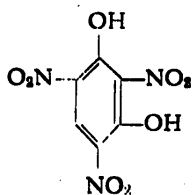
Trinitrocrésols

Trinitrocesoli

Trinitrokresol

E R : 2-4-54

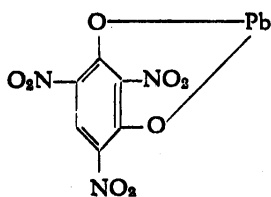
S : 6-11-21-26-28-29-32-36-42-52-63-72-91



18. 2,4,6-trinitroresorcinol, (styphninsyre)  
 2,4,6-Trinitroresorcin (Styphninsäure)  
 2,4,6-Trinitroresorcinol (Styphnic acid)  
 2,4,6-Trinitrorésorcinol (Acide styphnique)  
 2,4,6-Trinitroresorcinolo (Acido stifnico)  
 Trinitroresorcinol

E R : 2-4-54

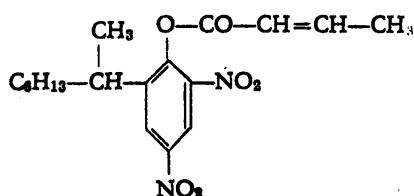
S : 6-11-21-26-28-29-32-36-42-52-63-72-91



19. Bly-2,4,6-trinitroresorcinat  
 Blei-2,4,6-trinitroresorcinat (Trizinat)  
 Lead 2,4,6-trinitroresorcinoxide (Lead styphnate)  
 2,4,6-Trinitrorésorcinat de plomb (Tricinate)  
 2,4,6-Trinitroresorcinato di piombo  
 Loodtrinitroresorcinaat

E R : 3-56

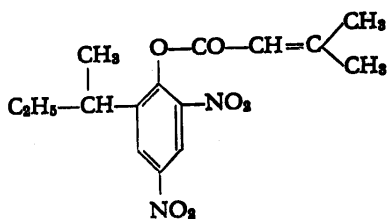
S : 6-11-21-25-27-28-29-36-41-51-59-72



20. dinocap  
 (6-(1-methylheptyl)-2,4-dinitrophenylcrotonat)  
 [6-(1-Methyl-heptyl)-2,4-dinitro-phenyl]-crotonat  
 2,4-Dinitro-6-(1-methylheptyl)phenyl crotonate (Dinocap 6)  
 Crotonate de 2,4-dinitro-6-(1-méthylheptyl)phényle  
 [6-(1-Metil-epil)-2,4-dinitro-fenil]-crotonato  
 [6-(1-Methylheptyl)-2,4-dinitrofenyl]-crotonaat

Xn R : 57

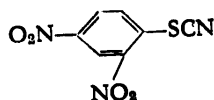
S : 2-11-21-31-51-63-91



21. binapacryl  
 (2-(1-methyl-n-propyl)-4,6-dinitrophenyl-3-methylcrotonat)  
 [6-(1-Methyl-propyl)2,4-dinitro-phenyl]-3,3-dimethyl-acrylat  
 2-secButyl-4,6-dinitrophenyl 3-methylcrotonate  
 3,3-Diméthylacrylate de 2,4-dinitro-6-(1-méthylpropyl)phényle  
 [6-(1-metil-propil)-2,4-dinitro-fenil]-3,3-dimetil-acrilato  
 [6-(1-Methylpropyl)-2,4-dinitrofenyl]-3,3-dimethylacrylaat

T R : 58

S : 3-11-21-31-51-64-72-75-77-93-108

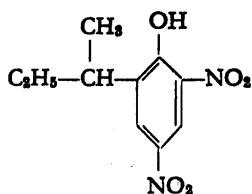


22. 2,4-dinitro-phenyl-thiocyanat  
 2,4-Dinitro-phenyl-thiocyanat  
 1,3-Dinitro-4-thiocyanatobenzene (2,4-Dinitrophenyl thiocyanate)  
 Thiocyanate de 2,4-dinitrophényle  
 2,4-Dinitro-fenil-tiocianato  
 2,4-Dinitrofenylthiocyanaat

Xn R : 54-84

S : 2-11-21-31-51-63-91





## 23. dinoseb

- (2-(1-methyl-n-propyl)-4,6-dinitrophenol)  
 6-(1-Methyl-propyl)-2,4-dinitro-phenol  
 6-*sec*Butyl-2,4-dinitrophenol  
 2,4-Dinitro-6-(1-méthylpropyl)phénol (dinosèbe)  
 6-(1-Metil-propil)-2,4-dinitro-fenolo  
 6-(1-Methylpropyl)-2,4-dinitrofenol

T R : 58

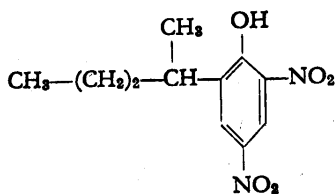
S : 3-11-21-31-51-63-72-75-77-91-93-108

## 24. Salte og estere af dinoseb

- Salze und Ester des dinoseb  
 Salts and esters of dinoseb  
 Sels et esters de dinosèbe  
 Sali ed esteri del dinoseb  
 Zouten en esters van dinoseb

T R : 58

S : 3-11-21-31-51-63-72-75-77-91-93-108

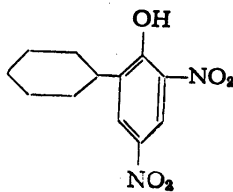


## 25. dinosam

- (2-(1-methyl-n-butyl)-4,6-dinitrophenol)  
 6-(1-Methyl-butyl)-2,4-dinitro-phenol  
 2-(1-Methylbutyl)-4,6-dinitrophenol  
 6-(1-Méthylbutyl)-2,4-dinitrophénol (dinosame)  
 6-(1-Metil-butil)-2,4-dinitro-fenolo  
 6-(1-Methylbutyl)2,4-dinitrofenol

T R : 58

S : 3-11-21-31-51-63-72-75-77-91-93-108

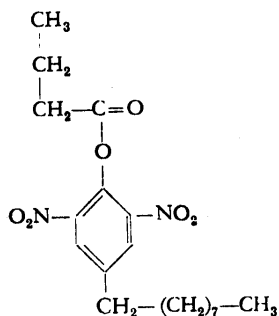


## 26. dinex

- (2-cyclohexyl-4,6-dinitrophenol)  
 6-Cyclohexyl-2,4-dinitro-phenol  
 2-Cyclohexyl-4,6-dinitrophenol  
 6-Cyclohexyl-2,4-dinitrophénol (pédinex)  
 6-Cicloesil-2,4-dinitro-fenolo  
 6-Cyclohexyl-2,4-dinitrofenol

T R : 58

S : 3-11-21-31-51-63-72-75-77-91-93-108

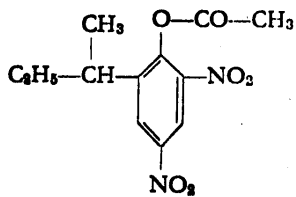


## 27. 2,6-dinitro-4-nonylphenylbutyrat

- (2,6-Dinitro-4-nonyl-phenyl)-butyrat  
 2,6-Dinitro-4-nonylphenyl butyrate  
 Butyrate de 2,6-dinitro-4-nonyl-phényle  
 (2,6-Dinitro-4-nonil-fenil)-butirrato  
 (2,6-Dinitro-4-nonylfenyl)-butyraat

Xn R : 54

S : 2-11-21-31-51-63-91



## 28. dinoseb-acetat

2-(1-methyl-n-propyl)-4,6-dinitrophenylacetat, (dinosebacetat)  
 [6-(1-Methyl-propyl)-2,4-dinitro-phenyl]-acetat  
 dinoseb-acetate 2-secButyl-4,6-dinitrophenyl acetate  
 Acétate de 6-(1-méthylpropyl)-2,4-dinitrophényle (dinosebèbe-acétate)  
 [6-(1-Metil-propil)-2,4-dinitro-fenil]-acetato (Dinoseb-acetato)  
 [6-(1-Methylpropyl)-2,4-dinitrofenyl]acetaat (Dinoseb-acetaat, Dinitri-  
 butylfenyl-acecaat)

T R : 58

S : 3-11-21-31-51-64-72-75-77-91-93-108

609.

CHLORNITRODERIVATER — CHLORNITROVERBINDUNGEN — CHLORONITRO COMPOUNDS —  
 DÉRIVÉS CHLORONITRÉS — CLORONITRO DERIVATI — CHLOOR-NITROVERBINDINGEN

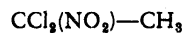
610.



1. Triklornitromethan, (klorpicrin)  
 Trichlor-nitro-methan (Chlorpikrin)  
 Trichloronitromethane (Chloropicrin)  
 Trichloronitrométhane (Chloropicrine)  
 Tricloro-nitro-metano (cloropicrina)  
 Chloorpikrine

T R : 58-67-84

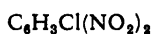
S : 3-15-21-31-63-71-72-75-91-93-108



2. 1,1-diklor-1-nitroethan  
 1,1-Dichlor-1-nitroäthan  
 1,1-Dichloro-1-nitroethane  
 1,1-Dichloro-1-nitroéthane  
 1,1-Dicloro-nitroetano  
 1,1-Dichloor-1-nitroethaan

T R : 66

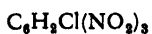
S : 16-53-64-91-93-108



3. Klordinitrobenzen  
 Dinitrochlorbenzole  
 Chlorodinitrobenzenes  
 Chlorodinitrobenzènes  
 Dinitrochlorobenzeni  
 Dinitrochlorbenzenen

T R : 58

S : 3-11-21-31-51-64-72-75-77-91-93-108



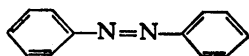
4. Klortrinitrobenzen  
 Trinitrochlorbenzole  
 Chlorotrinitrobenzenes  
 Trinitrochlorbenzènes  
 Trinitrochlorobenzeni  
 Trinitrochlorbenzenen

E + T R : 2-55

S : 6-11-21-26-28-29-32-36-52-63-72-91-109

**AZOXY- OG AZOFORBINDELSER — AZOXY- UND AZOVERBINDUNGEN —  
AZOXY AND AZO COMPOUNDS — DÉRIVÉS AZOXY ET AZOÏQUES —  
AZOSSI- E AZODERIVATI — AZOXY- EN AZIOVERBÏNDINGEN**

611.

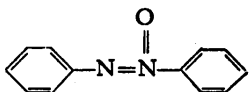


## 1. Azobenzen

Azobenzol  
Azobenzene  
Azobenzène  
Azobenzene  
Azobenzeen

Xn R : 65

S : 2-11-58

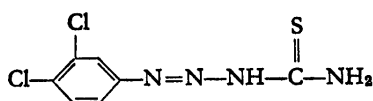


## 2. Azoxybenzen

Azoxybenzol  
Azoxybenzene  
Azoxybenzène  
Azossibenzene  
Azoxybenzeen

Xn R : 65

S : 2-11-58



## 3. (3,4-diklorphenyl-azo)-thiourinstof

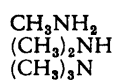
(3,4-Dichlor-phenyl-azo)-thioharnstoff  
3,4-Dichlorophenylazothiourea  
3,4-Dichlorophénylazothiourée  
(3,4-Dicloro-fenil-azo)-tiourea  
(3,4-Dichloorfenyl-azo)-thioureum

T R : 58-70

S : 3-11-21-31-51-64-72-75-77-91-93-108

**AMINER — AMINOVERBINDUNGEN — AMINE COMPOUNDS — DÉRIVES AMINÉS —  
AMINODERIVATI — AMINOVERBÏNDINGEN**

612.



## 1. Methylaminer

Methylamine  
Methylamines (mono, di and tri)  
Méthylamines (mono, di et tri)  
Metilamine  
Methylaminen

F R : 25-34-84

S : 15-22-34-36-104

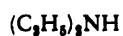


## 2. Ethylamin

Äthylamin  
Ethylamine  
Ethylamine  
Etilamina  
Ethylamine

F R : 25-34-84

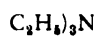
S : 15-22-34-36-77-104



## 3. Diethylamin

Diäthylamin  
Diethylamine  
Diéthylamine  
Dietilamina  
Diethylamine

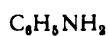
F R : 22-33-84  
S : 15-22-36-53-65-71-104



## 4. Triethylamin

Triäthylamin  
Triethylamine  
Triéthylamine  
Trietilamina  
Triethylamine

F R : 22-33-84  
S : 16-22-36-53-65-71-104



## 5. Anilin

Anilin  
Aniline  
Aniline  
Anilina  
Aniline

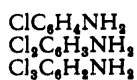
T R : 58  
S : 11-23-63-71-73-91-108



## 6. Aniliniumchlorid, (Anilinklorhydrat)

Anilin-hydrochlorid  
Aniline hydrochloride  
Chlorhydrate d'aniline  
Cloridrato di anilina  
Aniliniumchloride (Anilinechlorhydraat)

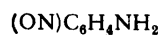
T R : 52  
S : 11-21-31-51-63-71-72-91-93-108



## 7. Kloranilin (mono-, di- og tri-)

Chloraniline (mono-, di- und tri-)  
Chloroanilines (mono, di and tri)  
Chloranilines (mono, di et tri)  
Cloroaniline (mono-, di- e tri-)  
Chlooranilineni (mono-, di- en tri-)

T R : 53-66  
S : 11-21-31-53-63-71-72-91-93-108



## 8. 4-nitrosoanilin

4-Nitrosoanilin

4-Nitrosoaniline

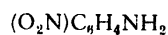
p-Nitrosoaniline

Paranitrosoanilina

4-Nitrosoaniline

Xn R : 57

S : 11-21-31-53-63-72-91-93



## 9. Nitroanilin (o.m. og p.)

Nitroaniline

Nitroanilines (2-3-and 4-)

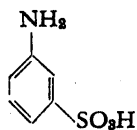
Nitranilines (o,m et p)

Nitroaniline (o. m. e p.)

Nitroanilinen (o. m. en p.)

T R : 53-66

S : 11-21-31-51-63-71-72-91-93-108



## 10. 3-aminobenzensulfonsyre, (metanilsyre)

3-Amino-benzolsulfonsäure (Metanilsäure)

Metanilic acid

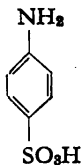
Acide métanilique

Acido 3-ammino-benzolsolfonico (Acido metanilico)

Anilinesulfonzuur

Xn R : 57

S : 11-21-31-51-63-72-91-93



## 11. 4-aminobenzensulfonsyre, (sulfanilsyre)

4-Amino-benzolsulfonsäure (Sulfanilsäure)

Sulphanilic acid

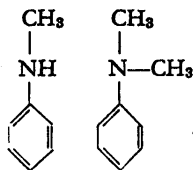
Acide sulfanilique

Acido-4-ammino-benzolsolfonico (Acido solfanilico)

Sulfanilzuur

Xn R : 57

S : 11-21-31-51-63-72-91-93



## 12. N-methylanilin og N,N-dimethylanilin

N-Methyl-anilin und N,N-Dimethyl-anilin

N-methylaniline and NN-dimethylaniline

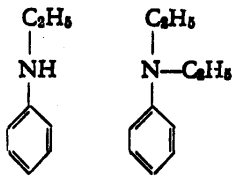
Méthylanilines (mono et di)

Metilaniline (mono- e di-)

Methylanilinen (mono- en di-)

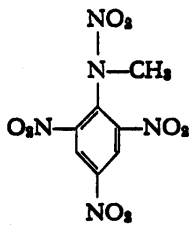
T R : 53-66

S : 11-21-31-53-63-71-72-91-93-108



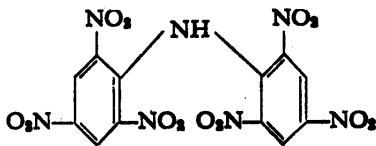
13. *N*-ethylanilin og *N,N*-diethylanilin  
*N*-Äthyl-anilin und *N,N*-Diäthyl-anilin  
*N*-ethylaniline and *NN*-diethylaniline  
 Éthylanilines (mono et di)  
 Etilaniline (mono- e di-)  
 Ethylanilinen (mono- en di-)

T R : 53-66  
 S : 11-21-31-53-63-71-72-91-93-108



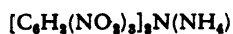
14. *N*-methyl-2,4,6-*N*-tetranitroanilin  
 2,4,6-Trinitro-phenyl-methyl-nitramin (Tetryl)  
 2,4,6-Trinitrophenylmethylnitramine (Tetryl)  
 2,4,6-Trinitrophényl-méthyl-nitramine (Tétryl)  
 Trinitrofenilmetilnitramina  
 Trinitrofenylmethylnitramine (tetryl)

E + T R : 2-52  
 S : 6-11-21-26-28-29-32-36-52-63-72-108



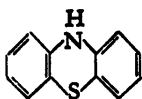
15. *bis* (2,4,6-trinitrophenyl)amin  
*bis*(2,4,6-Trinitro-phenyl)-amin (Hexyl)  
 Di-(2,4,6-trinitrophenyl)amine (Hexyl)  
 Hexanitrodiphénylamine (Hexyl)  
 Esanitrodifenilamina  
 Hexanitrodifenylamine (Hexyl)

E + T R : 2-58  
 S : 6-11-21-26-28-29-32-36-52-63-72-76-92-109



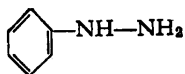
16. Hexanitrodiphenylaminoammoniumsalt  
 Hexanitrodiphenylamin-Ammonium  
 Hexanitrodiphenylamine ammonium salt  
 Sel d'ammonium de l'hexanitrodiphénylamine (Aurantia)  
 Sale d'ammonio dell'esanitrodifenilamina  
 Hexanitrodifenylamine, ammoniumzout

E + T R : 1-58  
 S : 6-11-21-28-29-32-36-63-73-76-91-93-109



17. Phenthiazin, (thiodiphenylamin)  
 Phenothiazin  
 Phenothiazine  
 Thiodiphénylamine (Phénothiazine)  
 Fenotiazina  
 Thiodifenylamine (Phenothiazine)

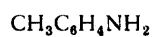
Xn R : 57  
 S : 11-21-31-51-63-72-91-93



18. Phenylhydrazin  
Phenylhydrazin  
Phenylhydrazine  
Phénylhydrazine  
Fenilidrazina  
Fenylhydrazine

Xn R : 57

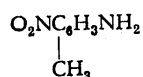
S : 11-21-31-53-63-71-72-91-93



19. Toluidiner  
Toluidine  
Toluidines  
Toluidines  
Toluidine  
Toluidinen

T R : 53-66

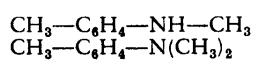
S : 11-21-31-53-63-71-72-91-93-108



20. Nitrotoluidiner  
Nitrotoluidine  
Nitrotoluidines  
Nitrotoluidines  
Nitrotoluidine  
Nitrotoluidinen

T R : 53-66

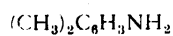
S : 11-21-31-53-63-71-72-91-93-108



21. *N*-methyltoluidin og *N,N*-dimethyltoluidin  
*N*-Methyl-toluidine und *N,N*-Dimethyl-toluidine  
*N*-methyltoluidines and *NN*-dimethyltoluidines  
Méthyltoluidines (mono et di)  
Metiltoluidine  
Methyltoluidinen

T R : 53-66

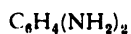
S : 11-21-31-53-63-71-72-91-93-108



22. Xylidiner  
Xylidine  
Xylidines  
Xylidines  
Xilidine  
Xylidinen

T R : 53-66

S : 11-21-31-53-63-71-72-91-93-108



## 23. Phenylendiamin (o. m. og p.)

Phenylendiamine

Phenylenediamines (o, m and p)

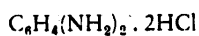
Phénylènediamines (o, m et p)

Fenilendiamine (o, m e p)

Fenyleendiaminen (o, m en p)

Xn R : 57

S : 11-21-31-51-63-71-72-91-93



## 24. m- og p- phenylendiaminchlorid

1,3 und 1,4-Phenylendiamin und ihre Hydrochloride

m- and p-Phenylenediamine dithydrochlorides

Chlorhydrates des m et p-phénylènediamines

Cloridrati di m.- e p.-fenilendiamine

m. en p.-fenyleendiaminechlorhydraten

Xn R : 57

S : 11-21-31-51-63-72-91-93



## 25. 2,4- og 2,5- toluylendiaminosulfat

2,4- und 2,5-Diaminotoluolmonosulfat

m- and p-Phenylenediamine sulphates

Sulfates des m et p-toluylènediamines

Solfati di m.- e p.-toluidendiamine

2,4- en 2,5-toluyleendiaminesulfaten

Xn R : 57

S : 11-21-31-51-63-72-91-93



## 26. N,N-dimethylphenylendiamin (o. m. og p.)

N,N-Dimethyl-phenylendiamine

NN-Dimethylphenylenediamines (o, m and p)

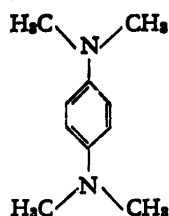
N,N-Diméthylphénylènediamines (o, m et p)

N,N dimetilfenilendiamine (o, m e p)

N,N dimethylfenyleendiaminen (o, m en p)

Xn R : 57

S : 11-21-31-51-63-71-72-91-93



## 27. N,N,N',N'-tetramethyl-p-phenylendiamin

N,N,N',N'-Tetramethyl-p-phenylendiamine

NNN',N'-Tetramethyl-p-phenylenediamine

N,N,N',N'-Tétraméthyl-p-phénylènediamine

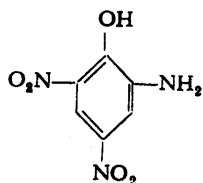
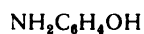
N,N,N',N' tetrametil-p-fenilendiamina

N,N,N',N' tetramethyl-p-fenyleendiamine

Xn R : 57

S : 11-21-31-51-63-72-91-93





## 28. Aminophenoler

Aminophenole  
Aminophenols  
Aminophénols  
Aminofenoli  
Aminofenolen

Xn R : 57

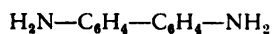
S : 11-21-31-51-63-71-72-91-93

## 29. 2-amino-4,6-dinitrophenol, (pikraminsyre)

2-Amino-4,6-dinitrophenol (Pikraminsäure)  
Picramic acid  
4,6-Dinitro-2-aminophénol (Acide picramique)  
2-ammino-4,6-dinitrofenolo (Acido picrammico)  
Pikraminezuur

E R : 1-54

S : 6-11-21-28-29-32-36-42-52-63-72-92

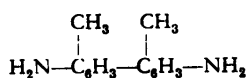


## 30. Benzidin

Benzidin  
Benzidine  
Benzidine  
Benzidina  
Benzidine

T R : 52-53

S : 11-21-31-51-63-71-72-91-93-108

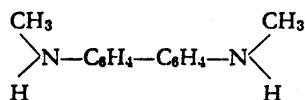


## 31. o-tolidin

o-Tolidin  
o-Tolidine  
o-Tolidine  
o-tolidina  
o-tolidine

Xn R : 57

S : 11-21-41-51-63-71-72-91-93



## 32. N,N'-dimethylbenzidin

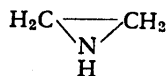
N,N'-Dimethyl-benzidin  
NN'-dimethylbenzidine  
N,N'-Diméthylbenzidine  
N-N' dimetilbenzidina  
N-N' dimethylbenzidine

Xn R : 57

S : 11-21-31-51-63-72-91-93



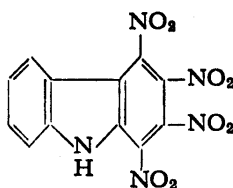
HETEROCYKLISKE BASER OG DERES DERIVATER — HETEROCYCLISCHE BASEN UND IHRE DERIVATE — 613.  
 HETEROCYCLIC BASES AND THEIR DERIVATIVES — BASES HÉTÉROCYCLIQUES ET DERIVÉS —  
 BASI ETEROCICLICHE E DERIVATI — HETEROCYCLISCHE BASEN EN HUN DERIVATEN



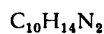
1. Ethylenimin, (Aziridin)  
 Aziridin (Äthylenimin)  
 Aziridine (Ethyleneimine)  
 Ethylène imine (Aziridine)  
 Etilenimina  
 Ethyleenimine (aziridine)  
 F + T R : 22-33-58-67  
 S : 15-22-36-53-65-71-104-108



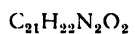
2. Pyridin  
 Pyridin  
 Pyridine  
 Pyridine  
 Piridina  
 Pyridine  
 F + T R : 22-58  
 S : 15-22-65-71-91-108



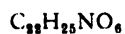
3. 1,2,3,4-tetranitrocarbazol  
 1,2,3,4-Tetranitrocarbazol  
 1,2,3,4-Tetranitrocarbazole  
 1,2,3,4-Tétranitrocarbazole  
 1,2,3,4Tetranitrocarbazolo  
 1,2,3,4 Tetranitrocarbazol  
 E R : 1-54  
 S : 6-11-21-28-29-32-36-52-72



4. Nicotin og dets salte  
 Nikotin und seine Salze  
 Nicotine and its salts  
 Nicotine et ses sels  
 Nicotina e suoi sali  
 Nicotine en zijn zouten  
 T R : 58  
 S : 3-13-21-31-53-63-72-75-77-91-93-108



5. Stryknin og dets salte  
 Strychnin und seine Salze  
 Strychnine and its salts  
 Strychnine et ses sels  
 Stricnina e suoi sali  
 Strychnine en zijn zouten  
 T R : 58  
 S : 12-21-31-51-63-72-75-77-91-93-108



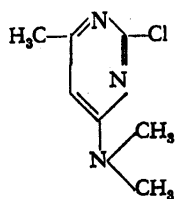
6. Kolkicin  
Colchicin  
Colchicine and its salts  
Colchicine  
Colchicina  
Colchicine

T R : 58  
S : 3-12-21-31-51-63-72-91-108



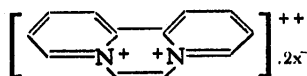
7. Brucin og dets salte  
Brucin und seine Salze  
Brucine and its salts  
Brucine et ses sels  
Brucina e suoi sali  
Brucine en zijn zouten

T R : 58  
S : 3-12-21-31-51-63-72-75-77-91-93-108



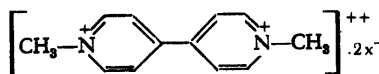
8. crimidine  
(2-chlor-4-dimethylamino-6-methylpyrimidin)  
2-Chlor-4-dimethylamino-6-methyl-pyrimidin (crimidin)  
Crimidene 2-Chloro-4-dimethylamino-6-methylpyrimidine  
2-Chloro-4-diméthylamino-6-méthylpyrimidine  
2-Chloro-4-dimetilammino-6-metil-pirimidina (crimidina)  
2-Chloor-4-dimethylamino-6-methylpyrimidine

T R : 58  
S : 3-11-21-31-51-63-72-74-91-108



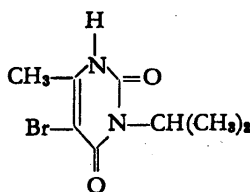
9. diquat  
(9,10-dihydro-8a,10a-diazoniaphenantren og salte heraf)  
1,1'-Äthylen-2,2'-bipyridinium und seine Salze  
1,1'-Ethylene-2,2'-bipyridylum salts  
1,1'-Ethyène-2,2'-dipyridinium et ses sels  
1,1'-Etilen-2,2'-dipiridinio-dibromuro/monodrato e suoi sali  
1,1'-Ethyleen-2,2'-dipyridiniumdibromide/monohydraat en zijn zouten

T R : 54  
S : 2-11-21-31-51-63-91



10. paraquat  
(1,1'-dimethyl-4,4'-dipyridinium og salte heraf)  
1,1'-Dimethyl-4,4'-bipyridinium und seine Salze  
1,1'-Dimethyl-4,4'-bipyridylum salts  
1,1'-Diméthyl-4,4'-dipyridinium et ses sels  
1,1'-Dimetil-4,4'-dipiridinio-metilsolfato e suoi sali  
1,1'-Dimethyl-4,4'-dipyridiniummethylsulfaat en zijn zouten

T R : 58  
S : 3-11-21-51-63-72-91-93-108



## 11. isocil

(5-brom-3-isopropyl-6-methyluracil)

5-Brom-3-isopropyl-6-methyl-uracil

5-Bromo-3-isopropyl-6-methyluracil

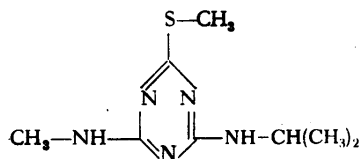
5-Bromo-3-isopropyl-6-méthyl 1H,3H-2,4-pyrimidinedione (isoprocil)

5-Bromo-3-isopropil-6-metil-uracile

5-Broom-3-isopropyl-6-methyluracil

Xi R : 51-84

S : 2-11-21-31-51-63-91



## 12. desmetryne

desmetryn, (2-isopropylamino-4-methylamino-6-methyl-thio-1,3,5-triazin)

2-Isopropylamino-4-methylamino-6-methylthio-1,3,5-triazin

2-Isopropylamino-4-methylamino-6-méthylthio-1,3,5-triazine

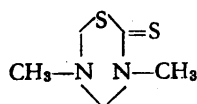
2-Isopropilamino-4-metilamino-6-méthylthio-1,3,5-triazina

2-Isopropilamino-4-metilamino-6-metiltio-1,3,5-triazina (desmetryne)

2-Isopropylamino-4-methylamino-6-methylthio-1,3,5-triazine

Xn R : 54

S : 2-11-21-31-51-63-91



## 13. dazomet

(tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazin-2-thion)

3,5-Dimethyl-perhydro-1,3,5-thiadiazin-2-thion

Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione

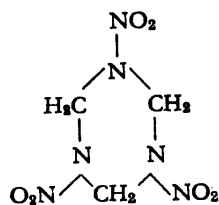
3,5-Diméthyl-1,3,5-tétrahydrothiadiazine-2-thione

3,5-Dimetil-peridro-1,3,5-tiadiazin-2-tione

3,5-Dimethyl-perhydro-1,3,5-thiadiazine-2-thion

Xi R : 51-84

S : 2-11-21-31-51-63-91

DIVERSE STOFFER — VERSCHIEDENE STOFFE — MISCELLANEOUS SUBSTANCES —  
SUBSTANCES DIVERSES — SOSTANZE DIVERSE — DIVERSEN

## 1. Hexahydro-1,3,5-trinitro-1,3,5-triazin

Hexahydro-1,3,5-trinitro-1,3,5-triazin (Hexogen) (Trimethylenetrinitramin)

Hexahydro-1,3,5-trinitro-1,3,5-triazine (Trimethylene trinitramine) (Hexogen)

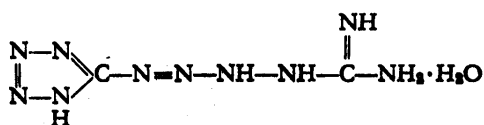
1,3,5-Trinitro-hexahydro-1,3,5-triazine

Esaidro-1,3,5-trinitro-1,3,5-triazina

Trimethyleentrinitramine

E R : 3-83

S : 6-11-22-26-28-29-32-36-52-72



2. Tetracen <sup>(1)</sup>, (4-amidino-1-(2,3,4,5-tetraaza-1,3-cyclopenta-dien-1-yl)-1-tetrazen)

Tetrazen <sup>(1)</sup> [4(Amidino-1-(5-(1H)-tetrazolyl)-1-tetrazen]

4-Amidino-1-[5-(1H)-tetrazolyl]-1-tetrazene <sup>(1)</sup>

Tétrazène <sup>(1)</sup> [Hydrate de 4-amidino-1-(5-1H-tétrazolyl)-1-tétrazène-]

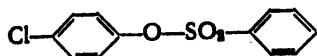
Tetrazene <sup>(1)</sup>

Tetraceen <sup>(1)</sup>

E R : 3

S : 6-11-21-25-28-29-36-41-51-72

620.



3. fenson

(4-klorphenyl-benzensulfonat)

(4-Chlor-phenyl)-benzol-sulfonat (PCPBS)

4-Chlorophenyl benzenesulphonate

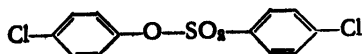
Benzènesulfonate de 4-chlorophényle (fénizon)

(4-Cloro-fenil)-benzol-solfonato

(4-Chloorfenyl)-benzeensulfonaat (PCPBS)

Xn R : 57

S : 2-11-31-61-91



4. chlorfenson

(4-klorphenyl-4-klorbenzensulfonat)

(4-Chlor-phenyl)-4-chlor-benzol-sulfonat

4-Chlorophenyl 4-chlorobenzenesulphonate

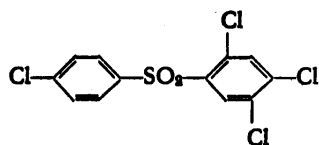
4-Chlorobenzènesulfonate de 4-chlorophényle (chlorofénizon)

(4-Cloro-fenil)-4-cloro-benzol-solfonato (clorofenson)

(4-Chloorfenyl)-4-chloorbenzeensulfonaat (chloorfenson)

Xn R : 57

S : 2-11-31-61-91



5. tetradifon

(2,4,5,4'-tetraklordiphenylsulfon)

2,4,4',5'-Tetrachlor-diphenyl-sulfon

2,4,4',5'-Tetrachlorodiphenyl sulphone

2,4,4',5'-Tétrachloro-diphénylsulfone

2,4,4',5'-Tetracloro-difenil-solfone

2,4,4',5'-Tatrachloor-difenyl-sulfon

Xn R : 54

S : 2-11-31-61-91

<sup>(1)</sup> Må ikke forveksles med 2,3-benzanthracen, der også kaldes tetracen.

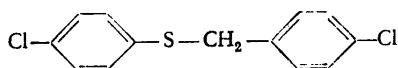
Nicht verwechseln mit 2,3 Benzantracen, das auch Tetrazen genannt wird.

Do not confuse this substance with 2,3 benzanthracene, which also appears sometimes under the name of tetracene.

Ne pas confondre ce composé avec le 2,3 benzantracène parfois désigné aussi sous le nom de tétracène.

Non confondere questo composto con il 2,3 benzo-antracene, talvolta indicato anche sotto il nome di tetracene.

Niet verwisselen met 2,3 benzantracene dat ook tetraceen genoemd wordt.



## 6. chlorbensid

(4-klorbenzyl-4-klorphenylsulfid)

(4-Chlor-benzyl)-(4-chlor-phenyl)-sulfid

chlorbenside 4-Chlorobenzyl 4-chlorophenyl sulphide

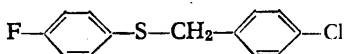
Sulfure de 4-chlorobenzyle et de 4-chlorophényle (chlorbenside)

(4-Cloro-benzil)-(4-cloro-fenil)-solfuro (chlorbenside)

(4-Chloorbenzyl)-(4-chloorfenyl)-sulfide

Xn R : 54

S : 2-11-31-61-91



## 7. fluorbensid

(4-klorbenzyl-4-fluorphenylsulfid)

(4-Chlor-benzyl)-(4-fluor-phenyl)-sulfid

fluorbenside 4-Chlorobenzyl 4-fluorophenyl sulphide

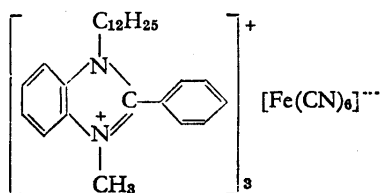
Sulfure de 4-fluorophényle et de 4-chlorobenzyle (fluorbenside)

(4-Cloro-benzil)-(4-fluoro-fenil)-solfuro (fluorbenside)

(4-Chloorbenzyl)-(4-fluorfenyl)-sulfide

T R : 58-83

S : 3-11-21-31-52-63-72-75-77-91-93-108



## 8. tris (1-dodecyl-3-methyl-2-phenyl-4,5-benz-2-imidazolium)-ferrihexacyanid

*tris*(1-Dodecyl-3-methyl-2-phenyl-1,3-benzimidazolium)-hexacyanoferrat(III)

Tri-(1-dodecyl-3-methyl-2-phenyl-1,3-benzimidazolium) ferricyanide

Ferricyanure de *tris*(1-dodécyl-2-phényl-3-méthyl-1,3-benzimidazolium)*tris*(1-docedil-3-metil-2-fenil-1,3-benzimidazolio)-ferricianuro*tris*(1-Dodecyl-3-methyl-2-fenyl-1,3-benzimidazolium)-hexacyanoferraat(III)

Xi R : 84

S : 6-12-21-31-57-63-71

## 9. Terpentinolie

Terpentinöl

Turpentine

Essence de térébenthine

Olio di trementina

Terpentijnolie

Xi R : 21-84

S : 23-65-71-108

## 10. Jordoliedestillater (undtagen de, der anvendes som brændstof)

Erdöldestillate (Benzine) (ausgenommen Vergaserkraftstoffe)

Petroleum distillates (excluding those used as motor fuels)

Distillats de pétrole (Essences de pétrole)

(à l'exception de ceux qui sont utilisés comme carburant)

Prodotti di distillazione del petrolio (Benzine)

(ad esclusione di quelli destinati alla motorizzazione)

Aardoliedestillaten (uitgezonderd benzines voor voertuigen)

620.

Når flammepunktet er under 21° C  
Wenn Flammpunkt unter 21 °C  
When flash point is below 21°C  
Si le point d'éclair est inférieur à 21 °C  
Con punto di infiammabilità inferiore a 21 °C  
Indien het vlampunt beneden de 21 °C ligt

F R : 22  
S : 16-23

Når flammepunktet er mellem 21° C og 55° C  
Wenn Flammpunkt zwischen 21 °C und 55 °C  
When flash point is between 21°C and 55°C  
Si le point d'éclair est situé entre 21 °C et 55 °C  
Con punto di infiammabilità compreso tra 21 °C e 55 °C  
Indien het vlampunt tussen 21°C en 55 °C ligt

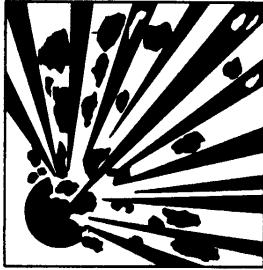
R : 21  
S : 16-23

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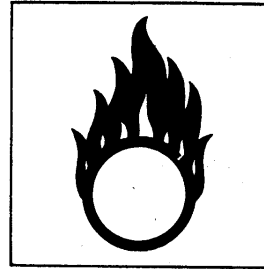
## BILAG II -- ANLAGE II -- ANNEX II -- ANNEXE II -- ALLEGATO II -- BIJLAGE II

E



Eksplisiv  
Explosionsgefährlich  
Explosive  
Explosif  
Esplosivo  
Ontplofbaar

O



Brandnærende (oxyderende)  
Brandfrdernd  
Oxidizing  
Comburant  
Comburente  
Oxyderend

F



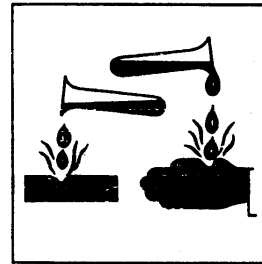
Letantændelig  
Leicht entzndlich  
Easily flammable  
Facilement inflammable  
Facilmente infiammabile  
Licht ontvlambaar

T



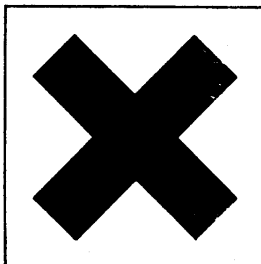
Giftig  
Gift  
Toxic  
Toxique  
Tossico  
Vergiftig

C



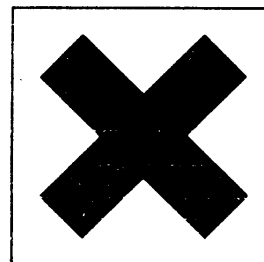
Ætsende  
Ætzend  
Corrosive  
Corrosif  
Corrosivo  
Corrosief

Xn



Sundhedsfarlig  
Gesundheitsschdlich  
Harmful  
Nocif  
Nocivo  
Schadelijk

Xi



Lokalirriterende  
Reizstoff  
Irritant  
Irritant  
Irritante  
Irriterend

**BILAG III**

Arten af de særlige risici, der er forbundet med de farlige stoffer

**ANLAGE III**

Bezeichnungen der besonderen Gefahren bei gefährlichen Stoffen

**ANNEX III**

Nature of the special risks attaching to dangerous substances

**ANNEXE III**

Nature des risques particuliers attribués aux substances dangereuses

**ALLEGATO III**

Natura dei rischi specifici attribuiti alle sostanze pericolose

**BIJLAGE III**

Aard der bijzondere gevaren toegeschreven aan gevaarlijke stoffen

- R 1 Eksplosiv i tør tilstand.  
In trockenem Zustand explosionsfähig.  
Explosive when dry.  
Explosif à l'état sec.  
Esplosivo allo stato secco.  
In droge toestand ontplofbaar.
- R 2 Eksplosionsfarlig ved stød, gnidning, ild eller andre antændelseskilder.  
Durch Schlag, Reibung, Feuer oder andere Zündquellen explosionsfähig.  
Risk of explosion by shock, friction, flame or other sources of ignition.  
Risque d'explosion par le choc, la friction, le feu ou autres sources d'ignition.  
Rischio di esplosione per urto, sfregamento, fuoco o altre sorgenti d'ignizione.  
Ontploffingsgevaar door schok, wrijving, vuur of andere ontstekingsoorzaken.
- R 3 Meget eksplosionsfarlig ved stød, gnidning, ild eller andre antændelseskilder.  
Durch Schlag, Reibung, Feuer oder andere Zündquellen leicht explosionsfähig.  
Extreme risk of explosion by shock, friction, flame or other sources of ignition.  
Grand risque d'explosion par le choc, la friction, le feu ou autres sources d'ignition.  
Elevato rischio di esplosione per urto, sfregamento, fuoco o altre sorgenti d'ignizione.  
Groot ontploffingsgevaar door schok, wrijving, vuur of andere ontstekingsoorzaken.
- R 4 Danner meget følsomme eksplosive metalsalte.  
Bildet hochempfindliche explosionsfähige Metallsalze.  
Forms very sensitive explosive metallic salts.  
Forme des sels métalliques explosifs très sensibles.  
Forma sali metallici molto sensibili.  
Vormt zeer gevoelige ontplofbare metaalzouten.
- R 5 Eksplosionsfarlig ved opvarmning.  
Beim Erwärmen explosionsfähig.  
Heating may cause an explosion.  
Danger d'explosion sous l'action de la chaleur.  
Pericolo di esplosione per riscaldamento.  
Ontploffingsgevaar door verwarming.
- R 11 Kan forårsage brand.  
Kann Brand verursachen.  
May cause fire.  
Peut provoquer un incendie.  
Può provocare un incendio.  
Kan brand veroorzaken.
- R 12 Brandfarlig ved kontakt med brændbare stoffer.  
Feuergefahr bei Berührung mit brennbaren Stoffen.  
Contact with combustible material may cause fire.  
Favorise l'inflammation des matières combustibles.  
Può provocare l'accensione di materie combustibili.  
Bevordert de ontbranding van brandbare stoffen.

- R 13 Eksplosionsfarlig ved blanding med brændbare stoffer.  
Explosionsgefahr bei Mischung mit brennbaren Stoffen.  
Explosive when mixed with combustible material.  
Explosif en mélange avec des matières combustibles.  
Esplosivo in mescolanza con materie combustili.  
Ontploffingsgevaar bij menging met brandbare stoffen.
- R 21 Antændelig.  
Brennbar.  
Flammable.  
Inflammable.  
Infiammabile.  
Ontvlambaar.
- R 22 Letantændelig.  
Leicht entzündlich.  
Very flammable.  
Très inflammable.  
Molto infiammabile.  
Licht ontvlambaar.
- R 23 Meget letantændelig.  
Hochentzündlich.  
Highly flammable.  
Extrêmement inflammable.  
Altamente infiammabile.  
Zeer licht ontvlambaar.
- R 24 Antændelig flydende gas.  
Brennbares Flüssiggas.  
Flammable liquefied gas.  
Gaz liquéfié inflammable.  
Gas liquefatto infiammabile.  
Ontvlambaar vloeibaar gas.
- R 25 Letantændelig flydende gas.  
Leicht entzündliches Flüssiggas.  
Very flammable liquefied gas.  
Gaz liquéfié très inflammable.  
Gas liquefatto molto infiammabile.  
Licht ontvlambaar vloeibaar gas.
- R 26 Meget letantændelig flydende gas.  
Hochentzündliches Flüssiggas.  
Highly flammable liquefied gas.  
Gaz liquéfié extrêmement inflammable.  
Gas liquefatto altamente infiammabile.  
Zeer licht ontvlambaar vloeibaar gas.

- R 27 Antændelig væske blandbar med vand.  
Brennbare Flüssigkeit mischbar mit Wasser.  
Flammable liquid miscible with water.  
Liquide inflammable miscible avec l'eau.  
Liquido infiammabile miscibile con l'acqua.  
Ontvlambare vloeistof mengbaar met water.
- R 28 Antændelig væske ikke blandbar med vand.  
Brennbare Flüssigkeit nicht mit Wasser mischbar.  
Flammable liquid immiscible with water.  
Liquide inflammable non miscible avec l'eau.  
Liquido infiammabile non miscibile con l'acqua.  
Ontvlambare vloeistof niet mengbaar met water.
- R 29 Reagerer voldsomt ved kontakt med vand under udvikling af antændelige gasarter.  
Reagiert heftig mit Wasser unter Bildung brennbarer Gase.  
Reacts violently with water liberating flammable gases.  
Réagit violemment en contact avec l'eau en dégageant des gaz inflammables.  
Reagisce violentemente a contatto con l'acqua liberando gas infiammabile.  
Reageert heftig met water onder vorming van brandbare gassen.
- R 30 Explosionsfarlig ved blanding med brandnærende stoffer.  
Explosionsfähig in Mischung mit brandfördernden Stoffen.  
Explosive when mixed with oxidizing substances.  
Peut exploser en mélange avec des substances comburantes.  
Pericolo di esplosione se mescolato con sostanze comburenti.  
Ontplofingsgevaar bij menging met oxyderende stoffen.
- R 31 Selvantændelig i luft.  
Selbstentzündlich an der Luft.  
Spontaneously flammable in air.  
Spontanément inflammable dans l'air.  
Spontaneamente infiammabile all'aria.  
Ontbrandt vanzelf in de lucht.
- R 32 Explosiv ved og uden kontakt med luft.  
Mit und ohne Luft explosionsfähig.  
Explosive with or without contact with air.  
Explosif en contact ou sans contact avec l'air.  
Esplosivo a contatto o senza contatto con l'aria.  
Ontplofbaar met en zonder lucht.
- R 33 Damp-luftblanding er eksplosiv.  
Dampf-Luftgemisch explosionsfähig.  
Vapour-air mixture explosive.  
Mélange vapeur-air explosif.  
Miscela vapore-aria esplosiva.  
Damp-luchtmengsel is ontplofbaar.

- R 34 Gas-luftblanding er eksplosiv.  
Gas-Luftgemisch explosionsfähig.  
Gas-air mixture explosive.  
Mélange gaz- air explosif.  
Miscela gas-aria esplosiva.  
Gas-luchtmengsel is ontplofbaar.
- R 35 Kan danne eksplosive peroxider.  
Kann explosionsfähige Peroxide bilden.  
May form explosive peroxides.  
Susceptible de former des peroxides explosifs.  
Suscettibile di formare perossidi esplosivi.  
Kan ontplofbare peroxiden vormen.
- R 51 Sundhedsfarligt støv. <sup>(1)</sup>  
Gesundheitsschädlicher Staub.  
Harmful dust.  
Poussières nocives.  
Polveri nocive.  
Schadelijk stof.
- R 52 Giftigt støv. <sup>(1)</sup>  
Giftiger Staub.  
Poisonous dust.  
Poussières toxiques.  
Polveri tossiche.  
Giftig stof.
- R 53 Giftig ved berøring med huden.  
Giftig bei Berührung mit der Haut.  
Poisonous by skin contact.  
Toxique par contact avec la peau.  
Tossico a contatto con la pelle.  
Giftig bij aanraking met de huid.
- R 54 Sundhedsfarlig ved indtagelse.  
Gesundheitsschädlich, besonders beim Verschlucken  
Harmful substance if taken internally.  
Substance nocive par ingestion.  
Sostanza nociva per ingestione.  
Schadelijk bij opname in de maag.
- R 55 Meget giftig ved indtagelse.  
Ernste Vergiftungsgefahr beim Verschlucken.  
Serious risk of poisoning if taken internally.  
Risque d'empoisonnement grave en cas d'ingestion.  
Rischio grave di avvelenamento in caso di ingestione.  
Ernstig vergiftingsgevaar bij opname in de maag.

<sup>(1)</sup> Se R 65 — Siehe R 65 — See R 65 — Voir R 65 — Vedi R 65 — Zie R 65.

- R 56 Meget giftig ved indånding eller indtagelse.  
Ernste Vergiftungsgefahr beim Einatmen oder Verschlucken.  
Serious risk of poisoning by inhalation or swallowing.  
Risque d'empoisonnement grave par inhalation ou ingestion.  
Rischio di avvelenamento grave per inalazione o ingestione.  
Ernstig vergiftingsgevaar bij opname in de maag of bij inademing.
- R 57 Sundhedsfarlig ved indtagelse eller i berøring med huden.  
Gesundheitsschädlich, besonders beim Verschlucken und bei Berührung mit der Haut.  
Harmful substance if taken internally and if in contact with the skin.  
Substance nocive par ingestion et par contact avec la peau.  
Sostanza nociva per ingestione ed a contatto con la pelle.  
Schadelijk bij opname in de maag en bij aanraking met de huid.
- R 57.1 Sundhedsfarlig ved indånding, ved indtagelse eller i berøring med huden.  
Gesundheitsschädlich beim Einatmen, Verschlucken oder bei Berührung mit der Haut.  
Harmful if inhaled, taken internally, or in contact with the skin.  
Nocif par inhalation, par ingestion ou par contact avec la peau.  
Nocivo per inalazione, ingestione e contatto con la pelle.  
Schadelijk bij inademing, opname in de maag of aanraking met de huid.
- R 58 Stor forgiftningsfare ved indånding, indtagelse eller ved berøring med huden.  
Ernste Vergiftungsgefahr beim Einatmen, Verschlucken oder bei Berührung mit der Haut.  
Serious risk of poisoning by inhalation, swallowing or skin contact.  
Risque d'empoisonnement grave par inhalation, par ingestion ou par contact avec la peau.  
Rischio di avvelenamento grave per inalazione, ingestione o per contatto con la pelle.  
Ernstig vergiftingsgevaar bij opname in de maag, bij inademing of bij aanraking met de huid.
- R 59 Sundhedsfarlig gas.  
Gesundheitsschädliches Gas.  
Harmful gas.  
Gaz nocif.  
Gas nocivo.  
Schadelijk gas.
- R 60 Giftgas.  
Giftiges Gas.  
Poisonous gas.  
Gaz toxique.  
Gas tossico,  
Giftig gas.
- R 61 Meget giftig gas.  
Hochgiftiges Gas.  
Highly poisonous gas.  
Gaz très toxique.  
Gas molto tossico.  
Zeer giftig gas.

- R 62 Lugtfri sundhedsfarlig gas.  
Gesundheitsschädliches geruchloses Gas.  
Harmful odourless gas.  
Gaz inodore nocif.  
Gas nocivo inodore.  
Schadelijk reukloos gas.
- R 63 Meget giftig lugtfri gas.  
Hochgiftiges geruchloses gas.  
Highly poisonous odourless gas.  
Gas inodore très toxique.  
Gas inodore molto tossico.  
Zeer giftig reukloos gas.
- R 64 Sundhedsfarlige dampe.  
Gesundheitsschädliche Dämpfe.  
Harmful vapour.  
Vapeurs nocives.  
Vapori nocivi.  
Schadelijke dampen.
- R 65 Sundhedsfarlig damp og støv. <sup>(1)</sup>  
Gesundheitsschädlicher Dampf und Staub.  
Harmful vapour and dust.  
Vapeurs et poussières nocives.  
Vapori e polvere nocivi.  
Schadelijke dampen en schadelijk stof.
- R 66 Afgiver giftige dampe.  
Giftige Dämpfe.  
Gives off poisonous vapours.  
Emet des vapeurs toxiques.  
Emette vapori tossici.  
Geeft giftige damp af.
- R 67 Afgiver meget giftige dampe.  
Hochgiftige Dämpfe.  
Gives off very poisonous vapours.  
Émet des vapeurs très toxiques.  
Diffonde vapori molto tossici.  
Geeft zeer giftige damp af.
- R 68 Udvikler giftgas ved kontakt med vand.  
Entwickelt in Berührung mit Wasser giftige Gase.  
Contact with water liberates a poisonous gas.  
En contact avec l'eau, dégage un gaz toxique.  
A contatto con acqua, libera un gas tossico.  
Geeft bij aanraking met water een giftig gas af.

<sup>(1)</sup> Denne risiko skal kun anføres, hvis stoffet har tilbøjelighed til forstøvning.  
Diese Gefahr muß nur dann bezeichnet werden, wenn der Stoff zum Verstäuben neigt.  
This risk need be indicated only in cases where the physical state of the substance is such as to give rise to dust.  
Ce risque ne doit être indiqué qu'au cas où l'état physique de la substance peut donner lieu à des émanations de poussières.  
Questo rischio deve essere indicato nel caso in cui lo stato fisico della sostanza potrebbe dar luogo a delle emanazioni di polveri.  
Dit gevaar moet alleen worden vermeld, indien de stof neiging tot stuiven geeft.



- R 69 Udvikler meget giftig gas ved kontakt med vand.  
Entwickelt in Berührung mit Wasser hochgiftige Gase.  
Contact with water liberates a highly poisonous gas.  
En contact avec l'eau, dégage un gaz très toxique.  
A contatto con acqua, libera un gas molto tossico.  
Geeft bij aanraking met water een zeer giftig gas af
- R 70 Udvikler giftgas ved kontakt med syre.  
Entwickelt in Berührung mit Säure giftige Gase.  
Contact with acid liberates a poisonous gas.  
En contact avec un acide, dégage un gaz toxique.  
A contatto con acido, libera un gas tossico.  
Geeft bij aanraking met zuur een giftig gas af.
- R 71 Udvikler en meget giftig gas ved kontakt med syre.  
Entwickelt in Berührung mit Säure hochgiftige Gase.  
Contact with acid liberates a highly poisonous gas.  
En contact avec un acide dégage un gaz très toxique.  
A contatto con acido, libera un gas molto tossico.  
Geeft bij aanraking met zuur een zeer giftig gas af.
- R 81 Forårsager forbrændinger.  
Verursacht Verbrennungen/Verätzungen.  
Causes burns.  
Provoque des brûlures.  
Provoca ustioni.  
Geeft brandwonden.
- R 82 Forårsager alvorlige forbrændinger.  
Verursacht schwere Verbrennungen/Verätzungen.  
Causes severe burns.  
Provoque de graves brûlures.  
Provoca gravi ustioni.  
Geeft ernstige brandwonden.
- R 83 Lokalirriterende for hud og øjne.  
Reizt Haut und Augen.  
Causes irritation of skin and eyes.  
Irritant pour la peau et les yeux.  
Irritante per la pelle e gli occhi.  
Prikkelte huid en ogen.
- R 84 Lokalirriterende for hud, øjne og luftveje.  
Reizt Haut, Augen und Atemwege.  
Irritating to skin, eyes and respiratory system.  
Irritant pour la peau, les yeux et les voies respiratoires.  
Irritante per la pelle, gli occhi e le vie respiratorie.  
Prikkelte huid, ogen en ademhalingsorganen.

*BILAG IV*

**Forsigtighedsregler med hensyn til farlige stoffer**

*ANLAGE IV*

**Sicherheitsratschläge für gefährliche Stoffe**

*ANNEX IV*

**Safety advice concerning dangerous chemical substances**

*ANNEXE IV*

**Conseils de prudence concernant les substances dangereuses**

*ALLEGATO IV*

**Consigli di prudenza riguardanti le sostanze pericolose**

*BIJLAGE IV*

**Veiligheidsaanbevelingen met betrekking tot de gevaarlijke stoffen**

A. — **Opbevaring**  
**Aufbewahrung**  
**Warehousing**  
**Conservation**  
**Conservazione**  
**Bewaring**

- S 1 Skal opbevares aflåset.  
Unter Verschuß aufbewahren.  
Keep this material locked up.  
Conserver ce produit sous clé.  
Conservare questo prodotto rinchiuso sotto chiave.  
Achter slot bewaren.
- S 2 Skal opbevares utilgængeligt for børn.  
Darf nicht in die Hände von Kindern gelangen.  
Keep this material out of reach of children.  
Conserver ce produit hors de la portée des enfants.  
Conservare questo prodotto fuori dalla portata dei bambini.  
Buiten bereik van kinderen bewaren.
- S 3 Skal opbevares aflåset utilgængeligt for børn.  
Unter Verschuß aufbewahren und nicht in die Hände von Kindern gelangen lassen.  
Keep this material locked up and out of reach of children.  
Conserver ce produit sous clé, hors de la portée des enfants.  
Conservare questo prodotto rinchiuso sotto chiave fuori dalla portata dei bambini.  
Achter slot bewaren, buiten bereik van kinderen.
- S 4 Antændeligt i luft; skal opbevares under vand.  
Entzündet sich an der Luft, deshalb unter Wasser aufbewahren.  
Keep contents under water; ignites immediately in air.  
Conserver ce produit sous l'eau; il s'enflamme immédiatement à l'air.  
Conservare questo prodotto sotto acqua; s'inflamma subito all'aria.  
Ontvlamt onmiddellijk in de lucht, daarom onder water bewaren.
- S 5 Skal opbevares køligt.  
Kühl aufbewahren.  
Store in a cool place.  
Conserver dans un endroit frais.  
Conservare in luogo fresco.  
Op een koele plaats bewaren.
- S 6 Må ikke opbevares i nærheden af menneskebolig.  
Von Wohnplätzen fernhalten.  
Store away from living quarters.  
Tenir à l'écart de tout local d'habitation.  
Conservare in luogo lontano da locali di abitazione.  
Verwijderd van woonruimten opbergen.

- S 7 Skal opbevares under vand.  
Inhalt unter Wasser aufbewahren.  
Keep contents under water.  
Conserver ce produit sous l'eau.  
Conservare questo prodotto sotto acqua.  
Onder water bewaren.

- S 8 Undgå at øge temperaturen.  
Temperaturerhöhung vermeiden.  
Prevent overheating.  
Éviter toute élévation de température.  
Evitare ogni aumento di temperatura.  
Temperatuurverhoging vermijden.

B. — **Emballage**  
**Behälter**  
**Containers**  
**Récipients**  
**Recipienti**  
**Verpakking**

- S 11 Emballagen skal holdes tæt lukket.  
Behälter dicht geschlossen halten.  
Keep container tightly closed.  
Tenir l'emballage bien fermé.  
Mantenere l'imballaggio ben chiuso.  
In goed gesloten verpakking bewaren

- S 12 Emballagen skal holdes tæt lukket og opbevares tørt.  
Behälter trocken und dicht geschlossen halten.  
Keep container dry and tightly closed.  
Tenir l'emballage bien fermé et dans un endroit sec.  
Mantenere l'imballaggio ben chiuso e in luogo asciutto.  
Droog en in goed gesloten verpakking bewaren.

- S 13 Emballagen skal holdes tæt lukket og opbevares køligt.  
Behälter dicht geschlossen und kühl halten.  
Keep container tightly closed and in a cool place.  
Tenir l'emballage bien fermé et dans un endroit frais.  
Mantenere l'imballaggio ben chiuso e in luogo fresco.  
Koel en in goed gesloten verpakking bewaren.

- S 14 Emballagen skal holdes hermetisk lukket og opbevares køligt og fjernt fra menneskeboliger.  
Behälter dicht geschlossen halten und kühl und fern von Wohnplätzen aufbewahren.  
Keep container properly closed, in a cool place, away from living quarters.  
Tenir le récipient hermétiquement fermé, dans un endroit frais et à l'écart de tout local d'habitation.  
Mantenere il recipiente ben chiuso, in luogo fresco e lontano da locali di abitazione.  
In hermetisch gesloten verpakking en koel bewaren, verwijderd van woonruimten.

- S 15 Emballagen skal holdes hermetisk lukket og opbevares på et køligt og godt ventileret sted.  
Behälter dicht geschlossen halten und an einem kühlen, gut gelüfteten Ort aufbewahren.  
Keep container properly closed and in a cool, well-ventilated place.  
Tenir le récipient hermétiquement fermé et dans un endroit frais et bien ventilé.  
Mantenere il recipiente ermeticamente chiuso e in luogo fresco e ben ventilato.  
In hermetisch gesloten verpakking, koel en op een goed geventileerde plaats bewaren.
- S 16 Emballagen skal holdes hermetisk lukket og opbevares på et godt ventileret sted.  
Behälter dicht geschlossen halten und an einem gut gelüfteten Ort aufbewahren.  
Keep container properly closed and in a well-ventilated place.  
Tenir le récipient hermétiquement fermé et dans un endroit bien ventilé.  
Mantenere il recipiente ermeticamente chiuso e in luogo ben ventilato.  
In hermetisch gesloten verpakking op een goed geventileerde plaats bewaren.
- S 17 Emballagen skal holdes tæt lukket, og varen skal opbevares på et fugtigt og køligt sted.  
Behälter dicht geschlossen, Behälterinhalt feucht und kühl halten.  
Keep contents wet in a cool place and keep container properly closed.  
Maintenir le produit humide, dans un endroit frais et tenir l'emballage bien fermé.  
Mantenere il prodotto umido, in luogo fresco, con l'imballaggio ben chiuso.  
Deze stof niet laten uitdrogen, koel en in goed gesloten verpakking bewaren.
- S 18 Undgå kontakt med luft og fugtighed.  
Zutritt von Luft und Feuchtigkeit verhindern.  
Keep air and moisture out.  
Éviter l'accès de l'air et de l'humidité.  
Evitare il contatto con l'aria e l'umidità.  
Toetreding van lucht en vocht vermijden.
- S 19 Emballagen må ikke lukkes hermetisk.  
Behälter nicht gasdicht verschließen.  
Do not keep the container sealed.  
Ne pas fermer hermétiquement le récipient.  
Non chiudere ermeticamente il recipiente.  
De verpakking niet hermetisch sluiten.

C. — Sikkerhedsforanstaltninger

Vorsichtsmaßnahmen

Précautions

Précautions

Precauzioni

Voorzorgsmaatregelen

- S 21 Der må ikke spises eller ryges under arbejdet.  
Bei der Arbeit nicht essen oder rauchen.  
When using do not eat or smoke.  
Ne pas manger et ne pas fumer pendant l'utilisation.  
Non fumare e non mangiare durante l'impiego.  
Niet eten en niet roken onder het werk.

- S 22 Der må ikke ryges under arbejdet.  
Bei der Arbeit nicht rauchen.  
When using do not smoke.  
Ne pas fumer pendant l'utilisation.  
Non fumare durante l'impiego.  
Niet roken onder het werk.
- S 23 Affald må ikke kommes i kloaken.  
Nicht in das Abwasser gelangen lassen.  
Do not empty into drains.  
Ne pas rejeter les résidus à l'égout.  
Non gettare i residui negli scarichi.  
Afval niet in de gootsteen werpen.
- S 24 Hæld aldrig vand på denne vare.  
Niemals Wasser hinzugießen.  
Never add water to this product.  
Ne jamais verser de l'eau sur ce produit.  
Non versare mai acqua su questo prodotto.  
Nooit water op deze stof gieten.
- S 25 Må ikke opbevares eller transporteres sammen med andre eksplosive stoffer.  
Von anderen Explosivstoffen fernhalten.  
Store and transport separately from other explosives.  
Ne pas conserver ni transporter avec d'autres explosifs.  
Non conservare né trasportare con altri esplosivi.  
Van andere springstoffen verwijderd houden.
- S 26 Må ikke opbevares eller transporteres sammen med sprængstoffer eller tændladninger.  
Von Zündsprengstoffen fernhalten.  
Do not store or transport with detonators.  
Ne pas conserver ni transporter avec des explosifs d'amorçage.  
Non conservare né trasportare insieme con detonatori.  
Van inleidingspringstoffen verwijderd houden.
- S 27 Der skal iagttages forholdsregler mod elektrostatiske udladninger.  
Maßnahmen gegen elektrostatische Aufladung treffen.  
Take precautionary measures against static discharges.  
Prendre des mesures contre les décharges électrostatiques.  
Adottare provvedimenti contro le scariche elettrostatiche  
Maatregelen nemen tegen elektrostatische ontladingen.
- S 28 Undgå stød og gnidning.  
Schlag und Reibung vermeiden.  
Avoid shock and friction.  
Éviter le choc et le frottement.  
Evitare l'urto e lo sfregamento.  
Schok en wrijving vermijden.

S 29 Fjern forsigtigt indholdet i den beskadigede emballage.  
Inhalt zerstörter Packungen sorgfältig beseitigen.  
Carefully remove contents from damaged containers.  
Enlever avec précaution le contenu d'emballages endommagés.  
Togliere con precauzione il contenuto da imballaggi danneggiati.  
De inhoud van beschadigde verpakking voorzichtig eruit nemen.

S 30 Grav forsigtigt affaldet ned fjernt fra alle beplantninger.  
Abfälle fern von Nutzpflanzen vergraben.  
Residues must be disposed of away from vegetation.  
Évacuer soigneusement les résidus à l'écart des plantations.  
Eliminare i rifiuti lontane dalle coltivazioni.  
Afval zorgvuldig begraven, ver van alle beplantingen.

D. — Oplagring

Lagerung

Storage

Emmagasinage

Immagazzinaggio

Opslag

S 31 Må ikke opbevares sammen med næringsmidler.  
Von Nahrungsmitteln fernhalten.  
Keep away from foodstuffs and beverages.  
Tenir à l'écart des aliments et des boissons.  
Mantenere lontano da alimenti e bevande.  
Verwijderd houden van eet- en drinkwaren.

S 32 Emballagen skal behandles forsigtigt.  
Behälter vorsichtig behandeln.  
Handle container with care.  
Manipuler le récipient avec prudence.  
Maneggiare il recipiente con cautela.  
De verpakking voorzichtig behandelen.

S 33 Ventilen må ikke åbnes med magt.  
Ventil nicht mit Gewalt öffnen.  
Do not strain the valve.  
Ne pas forcer la soupape.  
Non sforzare la valvola.  
Het ventiel niet met geweld openen.

S 34 Flasken anbringes på højkant og åbnes forsigtigt.  
Flasche aufrecht halten und vorsichtig öffnen.  
Place the cylinder upright and open with care.  
Placer la bouteille debout et l'ouvrir avec prudence.  
Metter la bombola in piedi ed aprirla con cautela.  
Fles rechtop zetten en voorzichtig openen.

- S 35 Må ikke opbevares sammen med syrer.  
Nicht mit Säuren zusammenbringen.  
Keep away from acids.  
Tenir à l'écart des acides.  
Mantenere lontano dagli acidi.  
Verwijderd houden van zuren.
- S 36 Må ikke opbevares i nærheden af varme, åben ild og gnister.  
Von offenen Flammen, Wärmequellen und Funken fernhalten.  
Keep away from heat and sources of ignition.  
Tenir à l'abri de la chaleur, des flammes et des étincelles.  
Tenere lontano dal calore, dalle fiamme e dalle scintille.  
Verwijderd houden van warmte, open vuur of vonken.
- S 37 Må ikke opbevares i nærheden af åben ild og gnister.  
Von offenen Flammen und Funken fernhalten.  
Keep away from sources of ignition.  
Tenir à l'écart des flammes et des étincelles.  
Tenere lontano dalle fiamme e dalle scintille.  
Verwijderd houden van open vuur en vonken.
- S 38 Må ikke opbevares i nærheden af brændbare stoffer.  
Von brennbaren Stoffen fernhalten.  
Keep away from combustible material.  
Tenir à l'écart des matières combustibles.  
Tenere lontano dalle materie combustibili.  
Verwijderd houden van brandbare stoffen.
- S 39 Må ikke opbevares i nærheden af brandbærende oxyderende stoffer.  
Von brandfördernden Stoffen fernhalten.  
Store away from oxidizing substances.  
Tenir à l'écart des matières comburantes.  
Tenere lontano dalle materie comburenti.  
Verwijderd houden van oxyderende stoffen.
- S 40 Drag omsorg for, at vandet i emballagen ikke fryser om vinteren.  
Im Winter Einfrieren des Wassers im Behälter verhüten.  
In winter prevent the water in the container from freezing.  
En hiver, éviter que l'eau des récipients ne gèle.  
D'inverno evitare che l'acqua dei recipienti geli.  
In de winter zorgen dat het water in de verpakking niet bevroest.
- S 41 Emballagen skal behandles med største forsigtighed.  
Behälter mit äußerster Vorsicht behandeln.  
Handle container with extreme care.  
Manipuler le récipient avec extrême prudence.  
Manipolare il recipiente con estrema cautela.  
De verpakking met uiterste voorzichtigheid behandelen.



- S 42 Må ikke opbevares sammen med metaller og metalsalte.  
Von Metall und Metallsalzen fernhalten.  
Store separately from metals and metallic salts.  
Tenir à l'écart des métaux et des sels métalliques.  
Mantenere lontano dai metalli e dai sali metallici.  
Verwijderd houden van metaal en metaalzouten.

E. — **Indånding**  
**Atenschutz**  
**Inhalation**  
**Inhalation**  
**Inalazione**  
**Inademing**

- S 51 Undgå at indånde støv.  
Staub nicht einatmen.  
Avoid breathing dust.  
Éviter de respirer les poussières.  
Evitare di respirare le polveri.  
Inademen van stof vermijden.
- S 52 Undgå at indånde støv og dampe.  
Staub und Dämpfe nicht einatmen.  
Avoid breathing dust and fumes/vapour.  
Éviter de respirer les poussières et les émanations.  
Evitare di respirare le polveri e le emanazioni.  
Inademen van stof en dampen vermijden.
- S 53 Undgå at indånde dampe.  
Dämpfe nicht einatmen.  
Avoid breathing fumes/vapour.  
Éviter de respirer les émanations.  
Evitare di respirare le emanazioni.  
Inademen van dampen vermijden.
- S 54 Undgå at indånde gas.  
Gas nicht einatmen.  
Avoid breathing gas.  
Éviter de respirer les gaz.  
Evitare di respirare i gas.  
Inademen van gas vermijden.
- S 55 Undgå at indånde dampe, også når de ikke kan lugtes.  
Dämpfe nicht einatmen, auch wenn kein Geruch wahrnehmbar.  
Avoid breathing vapour even if the smell is not perceptible.  
Éviter de respirer les vapeurs, même si l'odeur n'en est pas perceptible.  
Evitare di respirare i vapori anche se nessun odore è avvertito.  
Inademen van dampen vermijden, zelfs wanneer geen reuk wordt waargenomen.

- S 56 Undgå at indånde gas, også når den ikke kan lugtes.  
Gas nicht einatmen, auch wenn kein Geruch wahrnehmbar.  
Avoid breathing gas even if the smell is not perceptible.  
Éviter de respirer les gaz même si l'odeur n'en est pas perceptible.  
Evitare di respirare i gas anche se nessun odore è avvertito.  
Inademen van gas vermijden, zelfs wanneer geen reuk wordt waargenomen.
- S 57 Undgå at indånde støv og forstøvningståger.  
Staub und Sprühnebel nicht einatmen.  
Avoid breathing dust and spray-mist.  
Éviter de respirer les poussières et les brouillards de pulvérisation.  
Evitare di respirare le polveri e le nebbie.  
Inademen van stof en spuitnevel vermijden.
- S 58 Ved forstøvning undgå at indånde dampene.  
Beim Versprühen (Vernebeln) die Dämpfe (Nebel) nicht einatmen.  
During fumigation avoid breathing fumes.  
Pendant les fumigations, éviter de respirer les fumées.  
Durante le fumigazioni, evitare di respirare i fumi.  
Bij vernevelen, inademen van de nevel vermijden.
- S 59 I tilfælde af eksplosion undgå at indånde røgen.  
Nach einer Explosion Schwaden nicht einatmen.  
Avoid breathing the fumes if an explosion occurs.  
En cas d'explosion, éviter de respirer les fumées.  
In caso di esplosione evitare di respirare i fumi.  
Na een ontploffing inademen van de rook vermijden.

F. — **Berøring**  
**Berührung**  
**Contact**  
**Contact**  
**Contatto**  
**Aanraking**

- S 61 Undgå berøring med huden.  
Berührung mit der Haut vermeiden.  
Avoid contact with skin.  
Éviter le contact avec la peau.  
Evitare il contatto con la pelle.  
Aanraking met de huid vermijden.
- S 62 Undgå at få stof i øjnene.  
Berührung mit den Augen vermeiden.  
Avoid contact with eyes.  
Éviter le contact avec les yeux.  
Evitare il contatto con gli occhi.  
Aanraking met de ogen vermijden.

- S 63 Undgå berøring med huden og øjnene.  
Berührung mit Haut und Augen vermeiden.  
Avoid contact with skin or eyes.  
Éviter le contact avec la peau et les yeux.  
Evitare il contatto con la pelle e con gli occhi.  
Aanraking met huid en ogen vermijden.
- S 64 Undgå berøring med huden og øjnene, særlig når det drejer sig om olieholdige opløsninger.  
Berührung mit Haut und Augen vermeiden, besonders bei Verwendung ölhaltiger Lösungen.  
Avoid contact with skin or eyes, especially when using solutions in oil.  
Éviter le contact avec la peau et les yeux surtout lorsqu'il s'agit de solutions huileuses.  
Evitare il contatto con la pelle e gli occhi soprattutto quando trattasi di soluzioni oleose.  
Aanraking met huid en ogen vermijden, vooral van oplossing in olie.
- S 65 Undgå kontakt med hud, øjne og tøj.  
Berührung mit Haut, Augen und Kleidung vermeiden.  
Avoid contact with skin, eyes and clothing.  
Éviter le contact avec la peau, les yeux et les vêtements.  
Evitare il contatto con la pelle, con gli occhi e con gli indumenti.  
Aanraking met huid, ogen en kleding vermijden.
- S 66 I tilfælde af berøring med huden skylles med vand, allerhelst med en kobbersulfatopløsning, og de faste partikler fjernes.  
Bei Berührung mit der Haut: mit Wasser oder Kupfersulfatlösung spülen und feste Teilchen entfernen.  
In case of contact with skin, drench with water or preferably with copper sulphate solution. Remove solid particles.  
En cas de contact avec la peau, arroser avec de l'eau et de préférence avec une solution de sulfate de cuivre et enlever les particules solides.  
In caso di contatto con la pelle, lavare con acqua e, preferibilmente, con una soluzione di solfato di rame, allontanando le particelle solide.  
Bij aanraking met de huid, spoelen met water of liever met een kopersulfaatoplossing en de vaste deeltjes die op de huid kleven verwijderen.
- S 67 I tilfælde af berøring med huden eller øjnene skylles grundigt med vand.  
Spritzer auf die Haut oder in die Augen gründlich mit Wasser abspülen.  
In case of contact with skin or eyes, rinse with plenty of water.  
En cas de contact avec la peau ou les yeux, arroser abondamment avec de l'eau.  
In caso di contatto con la pelle e con gli occhi, lavare abbondantemente con acqua.  
Bij aanraking met huid of ogen, grondig met water afspoelen.
- S 68 Undgå berøring med metaller eller uorganiske salte.  
Berührung mit Metallen oder anorganischen Salzen vermeiden.  
Avoid contact with metals or inorganic salts.  
Éviter le contact avec les métaux ou les sels minéraux.  
Evitare il contatto con i metalli e con i sali minerali.  
Aanraking met metalen of anorganische zouten vermijden.

- G. — Personlig beskyttelse**  
**Persönliche Schutzmaßnahmen**  
**Personal protection**  
**Protection individuelle**  
**Protezione individuale**  
**Persoonlijke bescherming**
- S 71 Tilsmudset tøj tages straks af.  
Beschmutzte Kleidung sofort ausziehen.  
Take off immediately all contaminated clothing.  
Enlever immédiatement tout vêtement souillé.  
Togliersi di dosso immediatamente gli indumenti imbrattati.  
Vuile kleding dadelijk uittrekken.
- S 72 Under arbejdet bæres en beskyttelsesdragt.  
Bei der Arbeit Schutzkleidung tragen.  
When using wear protective clothing.  
Lors de l'utilisation, porter un vêtement de protection.  
Indossare un abito protettivo durante l'impiego.  
Gedurende het werk beschermende kleding dragen.
- S 73 Under arbejdet bæres beskyttelsesdragt og uigennemtrængelige handsker.  
Bei der Arbeit Schutzkleidung und undurchlässige Handschuhe tragen.  
When using wear protective clothing and impermeable gloves.  
Lors de l'utilisation, porter un vêtement de protection et des gants imperméables.  
Indossare un abito protettivo e i guanti impermeabili durante l'impiego.  
Gedurende het werk beschermende kleding en ondoordringbare handschoenen dragen.
- S 74 Under arbejdet bæres en effektiv maske.  
Bei der Arbeit wirksames Atemschutzgerät tragen.  
When using wear an efficient respiratory protection.  
Lors de l'utilisation, se protéger au moyen d'un masque efficace.  
Usare maschera protettiva efficace durante l'impiego.  
Gedurende het werk een doelmatig masker dragen.
- S 75 Under arbejdet bæres en effektiv maske og uigennemtrængelige handsker.  
Bei der Arbeit wirksames Atemschutzgerät und undurchlässige Handschuhe tragen.  
When using wear an efficient respiratory protection and impermeable gloves.  
Lors de l'utilisation, porter un masque efficace et des gants imperméables.  
Usare maschera protettiva efficace e i guanti impermeabili durante l'impiego.  
Gedurende het werk een doelmatig masker en ondoordringbare handschoenen dragen.
- S 76 Der ventileres godt eller bæres en effektiv maske.  
Ausreichende Lüftung anwenden oder wirksames Atemschutzgerät tragen.  
When this material is used effective ventilation must be provided or an efficient respiratory protection must be worn.  
Lors de l'utilisation bien ventiler le local ou se protéger au moyen d'un masque efficace.  
Ventilare il locale, e proteggersi con una maschera efficace durante l'impiego.  
Gedurende het werk zorgen voor een goede ventilatie van de werkplaats of een doelmatig masker dragen.

- S 77 Under arbejdet bæres der beskyttelsesbriller.  
Schutzbrille tragen.  
When using wear safety goggles.  
Lors de l'utilisation, porter des lunettes de protection.  
Portare occhiali di protezione durante l'impiego.  
Draag bij het werk een veiligheidsbril.
- S 78 I tilfælde af støvudvikling bæres en effektiv maske.  
Bei Staubentwicklung wirksames Atemschutzgerät tragen.  
If dust escapes wear an efficient respiratory protection.  
En cas de dégagement de poussière, se protéger au moyen d'un masque efficace.  
Se si liberano polveri durante l'impiego proteggersi con una maschera efficace.  
Een doelmatic masker dragen als bij het gebruik stof ontwijkt.
- H. — **Afvaskning**  
**Reinigung**  
**Cleaning**  
**Nettoyage**  
**Pulizia**  
**Reinigung**
- S 91 Efter arbejdet vaskes hænderne straks.  
Nach der Arbeit sofort Hände waschen.  
Wash hands immediately after handling.  
Se laver immédiatement les mains après manipulation.  
Lavarsi immediatamente le mani dopo la manipolazione.  
Na het werk direct de handen wassen.
- S 92 Efter arbejdet vaskes hænderne og ansigtet straks med sæbe.  
Nach der Arbeit sofort Gesicht und Hände mit Seife waschen.  
Wash face and hands with soap and water immediately after handling.  
Se laver immédiatement les mains et le visage à l'eau savonneuse après manipulation.  
Lavarsi immediatamente le mani e il viso con acqua e sapone dopo la manipolazione.  
Na het werk direct gezicht en handen wassen met water en zeep.
- S 93 Tilsnudsede genstande og gulvet vaskes grundigt med vand.  
Verschmutzte Gegenstände und Fußboden gründlich mit Wasser abwaschen.  
Wash thoroughly with water the floor and all objects contaminated by this material.  
Laver abondamment à l'eau le sol et les objets souillés par ce produit.  
Lavare accuratamente con acqua il pavimento e gli oggetti imbrattati da questo prodotto.  
Verontreinigde voorwerpen en vloeren met veel water afspoelen.
- S 94 Gulvet og tilsnudsede genstande renses med de foreskrevne midler.  
Fußboden und verschmutzte Gegenstände mit den vorgesehenen Mitteln reinigen.  
Use the means provided to clean the floor and all objects contaminated by this material.  
Employer les moyens prescrits pour nettoyer le sol et les objets souillés par ce produit.  
Usare i mezzi predisposti per pulire il pavimento e gli oggetti imbrattati da questo prodotto.  
Gebruik de voorgeschreven middelen voor het schoonmaken van vloeren en verontreinigde voorwerpen.

## I. — Brand

Verhalten bei Bränden

First Aid

Indencie

Incendio

Brand

- S 101 I tilfælde af brand undgå at indånde røgen.  
Im Brandfall keinen Rauch einatmen.  
In case of fire, avoid breathing fumes.  
En cas d'incendie, éviter d'inhaler les fumées.  
In caso d'incendio evitare di inalare i fumi.  
In geval van brand inademen van rook vermijden.
- S 102 Brændende fosfor slukkes med vand; undgå at indånde røgen. Når ilden er slukket, dækkes til med fugtigt sand eller fugtig jord.  
Brennenden Phosphor mit Wasser löschen, die Dämpfe nicht einatmen; nach dem Löschen des Feuers mit feuchtem Sand oder feuchter Erde abdecken.  
Drench burning phosphorus with water and avoid breathing fumes; when fire is extinguished, cover with wet sand or earth.  
Si le phosphore brûle, arroser avec de l'eau et éviter de respirer les fumées. Une fois le feu éteint, couvrir de sable ou de terre mouillés.  
Se il fosforo brucia, inondare con acqua ed evitare di respirare i fumi. Spento il fuoco, coprire con sabbia e con terra bagnata.  
Brandende fosfor met water blussen en inademen van rook vermijden. Daarna afdekken met nat zand of natte aarde.
- S 103 I tilfælde af brand slukkes ilden med de foreskrevne hjælpemidler. Brug aldrig vand.  
Im Brandfall mit dem dafür vorgesehenen Feuerlöscher löschen. Kein Wasser verwenden.  
In case of fire, use appropriate equipment. Never use water.  
En cas d'incendie, éteindre avec les moyens appropriés. Ne jamais utiliser de l'eau.  
In caso d'incendio, spegnere con mezzi adatti. Non usare mai acqua.  
Bij brand nimmer water gebruiken; blussen met de geschikte blusmiddelen.
- S 104 I tilfælde af brand slukkes ilden med de foreskrevne hjælpemidler.  
Im Brandfall mit den dafür vorgesehenen Feuerlöschmitteln löschen.  
In case of fire, use appropriate equipment.  
En cas d'incendie, éteindre avec les moyens appropriés.  
In caso d'incendio spegnere con mezzi adatti.  
Bij brand blussen met de geschikte blusmiddelen.

## L. — Lægehjælp

Ärztliche Maßnahmen

First Aid

Secours médical

Ricorso al medico

Dokter's hulp

- S 108 I tilfælde af ildebefindende tilkaldes en læge, som forevises denne påskrift.  
Bei Unwohlsein den Arzt aufsuchen und ihm diesen Warnzettel zeigen.  
If you feel unwell call a doctor and show him this label.  
En cas de malaise faire appel au médecin et lui montrer cette étiquette.  
In caso di malessere ricorrere al medico mostrandogli questa etichetta.  
Raadpleeg de dokter als men zich onwel voelt en laat hem dit etiket zien.

- S 109 I ulykkestilfælde tilkaldes straks en læge, som forevises denne påskrift.  
Bei Unfällen sofort den Arzt rufen und ihm diesen Warnzettel zeigen.  
In case of accident, call a doctor immediately and show him this label.  
En cas d'accident, faire appel d'urgence au médecin et lui montrer cette étiquette.  
In caso di infortunio ricorrere immediatamente al medico mostrandogli questa etichetta.  
Bij ongeval onmiddellijk de dokter laten komen en hem dit etiket laten zien.
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## ANEXO V

## Aparelhos e métodos de determinação do ponto de inflamação das substâncias e preparações líquidas

1. O ponto de inflamação é determinado por meio de um dos seguintes aparelhos:

- a) Para utilização a temperaturas não superiores a 50 °C:  
aparelhos de Abel, aparelhos de Abel-Pensky, aparelhos Luchoire-Finances, aparelhos Tag;
- b) Para utilização a temperaturas superiores a 50 °C:  
aparelhos Pensky-Martens, aparelhos Luchoire-Finances;
- c) Na sua ausência, qualquer outro aparelho com cadinho fechado, capaz de apresentar resultados que não se afastem mais do que 2 °C do resultado que seria apresentado por um dos aparelhos acima referidos.

2. Para a determinação do ponto de inflamação das tintas, colas e produtos viscosos semelhantes que contenham solventes, apenas podem ser utilizados aparelhos e métodos de ensaio que sejam adequados para a determinação do ponto de inflamação de líquidos viscosos, tais como:

Método A das normas I P <sup>(1)</sup> 170/59,

Normas alemãs DIN 53 213, folha 1, edição de Julho de 1970 e TGL 14 301, folha 2.

O modo operatório da medição será:

- a) Em relação ao aparelho de Abel, o da norma I P <sup>(1)</sup> 33/44; esta norma pode ser igualmente utilizada para o aparelho de Abel-Pensky;
- b) Em relação ao aparelho Pensky-Martens, o da norma I P <sup>(1)</sup> 34/64 ou da norma D 93/66 da ASTM <sup>(2)</sup>;
- c) Em relação ao aparelho Tag, o da norma D 56/70 ASTM <sup>(2)</sup>;
- d) Em relação ao aparelho Luchoire, o da instrução anexa ao Despacho do Ministério Francês do Comércio e da Indústria, de 26 de Outubro de 1925, publicada no *Journal Officiel* de 29 de Outubro de 1925.

Em caso de utilização de outro aparelho, o modo operatório exigirá as seguintes precauções:

1. A determinação deve realizar-se evitando as correntes de ar.
2. A velocidade de aquecimento do líquido submetido a ensaio nunca deve exceder 5 °C por minuto.
3. A chama-piloto deve ter 5 mm ( $\pm$  0,5 mm) de comprimento.
4. Deve aplicar-se a chama-piloto ao orifício do recipiente sempre que a temperatura do líquido sofra um aumento de 1 °C.

Em caso de divergência quanto à classificação de um líquido inflamável, adoptar-se-á o número de classificação proposto pelo fabricante ou pela pessoa que comercializa o líquido, se uma contraprova da medição do ponto de inflamação efectuada no referido líquido apresentar um valor que não se afaste mais do que 2 °C dos limites indicados (respectivamente, 21 °C e 55 °C). Se uma contraprova apresentar um valor que se afaste mais do que 2 °C destes limites, deve proceder-se a uma segunda contraprova e adoptar-se-á finalmente o mais elevado desses valores.

<sup>(1)</sup> The Institute of Petroleum, 61, New Cavendish Street, London W1.

<sup>(2)</sup> American Society for Testing Materials, 1916 Race Street, Philadelphia 3 (Pa).