COMMISSION

COMMISSION DECISION

of 16 January 2001

amending Decision 2000/532/EC as regards the list of wastes

(notified under document number C(2001) 108)

(Text with EEA relevance)

(2001/118/EC)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Community,

Having regard to Council Directive 75/442/EEC of 15 July 1975 on waste (1), as last amended by Commission Decision 96/350/EC (2) and in particular Article 1(a) thereof,


Whereas:


(2) The measures provided for in this Decision are in accordance with the opinion of the Committee established by Article 18 of Directive 75/442/EEC.

HAS ADOPTED THIS DECISION:

Article 1

Decision 2000/532/EC is amended as follows:

1. Article 2 is replaced by the following:

‘Article 2

Wastes classified as hazardous are considered to display one or more of the properties listed in Annex III to Directive 91/689/EEC and, as regards H3 to H8, H10 (*) and H11 of the said Annex, one or more of the following characteristics:

— flash point ≤ 55 °C,

— one or more substances classified (**) as very toxic at a total concentration ≥ 0,1 %,

— one or more substances classified as toxic at a total concentration ≥ 3 %,

— one or more substances classified as harmful at a total concentration ≥ 25 %,

— one or more corrosive substances classified as R35 at a total concentration ≥ 1 %,

— one or more corrosive substances classified as R34 at a total concentration ≥ 5 %,

— one or more irritant substances classified as R41 at a total concentration ≥ 10 %,

— one or more irritant substances classified as R36, R37, R38 at a total concentration ≥ 20 %,


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— one substance known to be carcinogenic of category 1 or 2 at a concentration ≥ 0.1%,
— one substance known to be carcinogenic of category 3 at a concentration ≥ 1%,
— one substance toxic for reproduction of category 1 or 2 classified as R60, R61 at a concentration ≥ 0.5%,
— one substance toxic for reproduction of category 3 classified as R62, R63 at a concentration ≥ 5%,
— one mutagenic substance of category 1 or 2 classified as R46 at a concentration ≥ 0.1%,
— one mutagenic substance of category 3 classified as R40 at a concentration ≥ 1%.

(*) In Directive 92/32/EEC amending for the seventh time Directive 67/548/EEC the term “toxic for reproduction” was introduced. The term “teratogenic” was replaced by a corresponding term “toxic for reproduction”. This term is considered to be in line with property H10 in Annex III to Directive 91/689/EEC.

2. The Annex is replaced by the text in the Annex to this Decision.

Article 2

This Decision shall apply from 1 January 2002.

Article 3

This Decision is addressed to the Member States.


For the Commission
Margot WALLSTROM
Member of the Commission
ANNEX


Introduction

1. The present list is a harmonised list of wastes. It will be periodically reviewed on the basis of new knowledge and, in particular, of research results, and if necessary revised in accordance with Article 18 of Directive 75/442/EEC. However, the inclusion of a material in the list does not mean that the material is a waste in all circumstances. Materials are considered to be waste only where the definition of waste in Article 1(a) of Directive 75/442/EEC is met.

2. Wastes included in the list are subject to the provisions of Directive 75/442/EEC except where Article 2(1)(b) of this Directive applies.

3. The different types of wastes in the list are fully defined by the six-digit code for the waste and the respective two-digit and four-digit chapter headings. This implies that the following steps should be taken to identify a waste in the list.

3.1. Identify the source generating the waste in chapters 01 to 12 or 17 to 20 and identify the appropriate six-digit code of the waste (excluding codes ending with 99 of these chapters). A specific production unit may need to classify its activities in several chapters. For instance, a car manufacturer may find its wastes listed in chapters 12 (wastes from shaping and surface treatment of metals), 11 (inorganic wastes containing metals from metal treatment and the coating of metals) and 08 (wastes from the use of coatings), depending on the different process steps.

Note: separately collected packaging waste (including mixtures of different packaging materials) shall be classified in 15 01, not in 20 01.

3.2. If no appropriate waste code can be found in chapters 01 to 12 or 17 to 20, the chapters 13, 14 and 15 must be examined to identify the waste.

3.3. If none of these waste codes apply, the waste must be identified according to chapter 16.

3.4. If the waste is not in chapter 16 either, the 99 code (wastes not otherwise specified) must be used in the section of the list corresponding to the activity identified in step one.

4. Any waste marked with an asterisk (*) is considered as a hazardous waste pursuant to Directive 91/689/EEC on hazardous waste, and subject to the provisions of that Directive unless Article 1(5) of that Directive applies.

5. For the purpose of this Decision, “dangerous substance” means any substance that has been or will be classified as dangerous in Directive 67/548/EEC and its subsequent amendments; “heavy metal” means any compound of antimony, arsenic, cadmium, chromium(VI), copper, lead, mercury, nickel, selenium, tellurium, thallium and tin, as well as these materials in metallic form, as far as these are classified as dangerous substances.

6. If a waste is identified as hazardous by a specific or general reference to dangerous substances, the waste is hazardous only if the concentrations of those substances are such (i.e. percentage by weight) that the waste presents one or more of the properties listed in Annex III to Council Directive 91/689/EEC. As regards H3 to H8, H10 and H11, Article 2 of this Decision shall apply. For the characteristics H1, H2, H9 and H12 to H14 Article 2 of the present Decision does not provide specifications at present.

7. In line with Directive 1999/45/EC, which states in its preamble that the case of alloys has been considered to need further assessment because the characteristics of alloys are such that it may not be possible accurately to determine their properties using currently available conventional methods, the provisions of Article 2 would not apply to pure metal alloys (not contaminated by dangerous substances). This will be so pending further work that the Commission and Member States have taken the commitment to undertake on the specific approach of the classification of alloys. The waste materials which are specifically enumerated in this list, shall remain classified as at present.

8. The following rules for numbering of the items in the list have been used: For those wastes that were not changed, the code numbers from Commission Decision 94/3/EC have been used. The codes for wastes that were changed have been deleted and remain unused in order to avoid confusion after implementation of the new list. Wastes added have been given a code that has not been used in Commission Decision 94/3/EC and Commission Decision 2000/332/EC.
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Chapters of the list

01 Wastes resulting from exploration, mining, quarrying, physical and chemical treatment of minerals
02 Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing
03 Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard
04 Wastes from the leather, fur and textile industries
05 Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal
06 Wastes from inorganic chemical processes
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08 Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks
09 Wastes from the photographic industry
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11 Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy
12 Wastes from shaping and physical and mechanical surface treatment of metals and plastics
13 Oil wastes and wastes of liquid fuels (except edible oils, 05 and 12)
14 Waste organic solvents, refrigerants and propellants (except 07 and 08)
15 Waste packaging; absorbents, wiping cloths, filter materials and protective clothing not otherwise specified
16 Wastes not otherwise specified in the list
17 Construction and demolition wastes (including excavated soil from contaminated sites)
18 Wastes from human or animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care)
19 Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use
20 Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions
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01 01 01 wastes from mineral metalliferous excavation
01 01 02 wastes from mineral non-metalliferous excavation

wastes from physical and chemical processing of metalliferous minerals
01 03 04* acid-generating tailings from processing of sulphide ore
01 03 05* other tailings containing dangerous substances
01 03 06 tailings other than those mentioned in 01 03 04 and 01 03 05
01 03 07* other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals
01 03 08 dusty and powdery wastes other than those mentioned in 01 03 07
01 03 09 red mud from alumina production other than the wastes mentioned in 01 03 07
01 03 99 wastes not otherwise specified

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01 04 07* wastes containing dangerous substances from physical and chemical processing of non-metalliferous minerals
01 04 08 waste gravel and crushed rocks other than those mentioned in 01 04 07
01 04 09 waste sand and clays
01 04 10 dusty and powdery wastes other than those mentioned in 01 04 07
01 04 11 wastes from potash and rock salt processing other than those mentioned in 01 04 07
01 04 12 tailings and other wastes from washing and cleaning of minerals other than those mentioned in 01 04 07 and 01 04 11
01 04 13 wastes from stone cutting and sawing other than those mentioned in 01 04 07
01 04 99 wastes not otherwise specified

drilling muds and other drilling wastes
01 05 04 freshwater drilling muds and wastes
01 05 05* oil-containing drilling muds and wastes
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01 05 07 barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
01 05 08 chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06
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wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing
02 01 sludges from washing and cleaning
02 01 02 animal-tissue waste
02 01 03 plant-tissue waste
02 01 04 waste plastics (except packaging)
02 01 06 animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site
02 01 07 wastes from forestry
02 01 08* agrochemical waste containing dangerous substances
02 01 09 agrochemical waste other than those mentioned in 02 01 08
02 01 10 waste metal
02 01 99 wastes not otherwise specified

02 02 wastes from the preparation and processing of meat, fish and other foods of animal origin
02 02 01 sludges from washing and cleaning
02 02 02 animal-tissue waste
02 02 03 materials unsuitable for consumption or processing
02 02 04 sludges from on-site effluent treatment
02 02 99 wastes not otherwise specified

02 03 wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation
02 03 01 sludges from washing, cleaning, peeling, centrifuging and separation
02 03 02 wastes from preserving agents
02 03 03 wastes from solvent extraction
02 03 04 materials unsuitable for consumption or processing
02 03 05 sludges from on-site effluent treatment
02 03 99 wastes not otherwise specified

02 04 wastes from sugar processing
02 04 01 soil from cleaning and washing beet
02 04 02 off-specification calcium carbonate
02 04 03 sludges from on-site effluent treatment
02 04 99 wastes not otherwise specified

02 05 wastes from the dairy products industry
02 05 01 materials unsuitable for consumption or processing
02 05 02 sludges from on-site effluent treatment
02 05 99 wastes not otherwise specified

02 06 wastes from the baking and confectionery industry
02 06 01 materials unsuitable for consumption or processing
02 06 02 wastes from preserving agents
02 06 03 sludges from on-site effluent treatment
02 06 99 wastes not otherwise specified

02 07 wastes from the production of alcoholic and non-alcoholic beverages (except coffee, tea and cocoa)
02 07 01 wastes from washing, cleaning and mechanical reduction of raw materials
02 07 02 wastes from spirits distillation
02 07 03 wastes from chemical treatment
02 07 04 materials unsuitable for consumption or processing
02 07 05 sludges from on-site effluent treatment
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03 01 wastes from wood processing and the production of panels and furniture
03 01 01 waste bark and cork
03 01 04* sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances
03 01 05 sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
03 01 99 wastes not otherwise specified

03 02 wastes from wood preservation
03 02 01* non-halogenated organic wood preservatives
03 02 02* organochlorinated wood preservatives
03 02 03* organometallic wood preservatives
03 02 04* inorganic wood preservatives
03 02 05* other wood preservatives containing dangerous substances
03 02 99 wood preservatives not otherwise specified

03 03 wastes from pulp, paper and cardboard production and processing
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03 03 02 green liquor sludge (from recovery of cooking liquor)
03 03 05 de-inking sludges from paper recycling
03 03 07 mechanically separated rejects from pulping of waste paper and cardboard
03 03 08 wastes from sorting of paper and cardboard destined for recycling
03 03 09 lime mud waste
03 03 10 fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
03 03 11 sludges from on-site effluent treatment other than those mentioned in 03 03 10
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04 01 01 fleshings and lime split wastes
04 01 02 liming waste
04 01 03* degreasing wastes containing solvents without a liquid phase
04 01 04 tanning liquor containing chromium
04 01 05 tanning liquor free of chromium
04 01 06 sludges, in particular from on-site effluent treatment containing chromium
04 01 07 sludges, in particular from on-site effluent treatment free of chromium
04 01 08 waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
04 01 09 wastes from dressing and finishing
04 01 99 wastes not otherwise specified
04 02 wastes from the textile industry
04 02 09 wastes from composite materials (impregnated textile, elastomer, plastomer)
04 02 10 organic matter from natural products (for example grease, wax)
04 02 14* wastes from finishing containing organic solvents
04 02 15 wastes from finishing other than those mentioned in 04 02 14
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04 02 17 dyestuffs and pigments other than those mentioned in 04 02 16
04 02 19* sludges from on-site effluent treatment containing dangerous substances
04 02 20 sludges from on-site effluent treatment other than those mentioned in 04 02 19
04 02 21 wastes from unprocessed textile fibres
04 02 22 wastes from processed textile fibres
04 02 99 wastes not otherwise specified

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05 01 wastes from petroleum refining
05 01 02* desalter sludges
05 01 03* tank bottom sludges
05 01 04* acid alkyl sludges
05 01 05* oil spills
05 01 06* oily sludges from maintenance operations of the plant or equipment
05 01 07* acid tars
05 01 08* other tars
05 01 09* sludges from on-site effluent treatment containing dangerous substances
05 01 10 sludges from on-site effluent treatment other than those mentioned in 05 01 09
05 01 11* wastes from cleaning of fuels with bases
05 01 12* oil containing acids
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05 01 14 wastes from cooling columns
05 01 15* spent filter clays
05 01 16 sulphur-containing wastes from petroleum desulphurisation
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05 01 99 wastes not otherwise specified

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05 06 01* acid tars
05 06 03* other tars
05 06 04 waste from cooling columns
05 06 99 wastes not otherwise specified
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| 05 07 01* | wastes containing mercury  
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| 05 07 99 | wastes not otherwise specified |

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| 06 01 03* | hydrofluoric acid  
| 06 01 04* | phosphoric and phosphorous acid  
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| 06 01 06* | other acids  
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| 06 02 | wastes from the MFSU of bases  
| 06 02 01* | calcium hydroxide  
| 06 02 03* | ammonium hydroxide  
| 06 02 04* | sodium and potassium hydroxide  
| 06 02 05* | other bases  
| 06 02 99 | wastes not otherwise specified |

| 06 03 | wastes from the MFSU of salts and their solutions and metallic oxides  
| 06 03 11* | solid salts and solutions containing cyanides  
| 06 03 13* | solid salts and solutions containing heavy metals  
| 06 03 14 | solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13  
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| 06 04 04* | wastes containing mercury  
| 06 04 05* | wastes containing other heavy metals  
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| 06 05 | sludges from on-site effluent treatment  
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| 06 06 02* | wastes containing dangerous sulphides  
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06 08 99 wastes not otherwise specified

06 09 wastes from the MSFU of phosphorous chemicals and phosphorous chemical processes
06 09 02 phosphorous slag
06 09 03* calcium-based reaction wastes containing or contaminated with dangerous substances
06 09 04 calcium-based reaction wastes other than those mentioned in 06 09 03
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06 10 wastes from the MFSU of nitrogen chemicals, nitrogen chemical processes and fertiliser manufacture
06 10 02* wastes containing dangerous substances
06 10 99 wastes not otherwise specified

06 11 wastes from the manufacture of inorganic pigments and opacificiers
06 11 01 calcium-based reaction wastes from titanium dioxide production
06 11 99 wastes not otherwise specified

06 13 wastes from inorganic chemical processes not otherwise specified
06 13 01* inorganic plant protection products, wood-preserving agents and other biocides.
06 13 02* spent activated carbon (except 06 07 02)
06 13 03 carbon black
06 13 04* wastes from asbestos processing
06 13 05* soot
06 13 99 wastes not otherwise specified

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07 01 wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 01* aqueous washing liquids and mother liquors
07 01 03* organic halogenated solvents, washing liquids and mother liquors
07 01 04* other organic solvents, washing liquids and mother liquors
07 01 07* halogenated still bottoms and reaction residues
07 01 08* other still bottoms and reaction residues
07 01 09* halogenated filter cakes and spent absorbents
07 01 10* other filter cakes and spent absorbents
07 01 11* sludges from on-site effluent treatment containing dangerous substances
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<td>07 03 04*</td>
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<td>Halogenated still bottoms and reaction residues</td>
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<td>07 04 10*</td>
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</table>
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07 04 12 sludges from on-site effluent treatment other than those mentioned in 07 04 11
07 04 13* solid wastes containing dangerous substances
07 04 99 wastes not otherwise specified

07 05 wastes from the MFSU of pharmaceuticals
07 05 01* aqueous washing liquids and mother liquors
07 05 03* organic halogenated solvents, washing liquids and mother liquors
07 05 04* other organic solvents, washing liquids and mother liquors
07 05 07* halogenated still bottoms and reaction residues
07 05 08* other still bottoms and reaction residues
07 05 09* halogenated filter cakes and spent absorbents
07 05 10* other filter cakes and spent absorbents
07 05 11* sludges from on-site effluent treatment containing dangerous substances
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07 05 13* solid wastes containing dangerous substances
07 05 14 solid wastes other than those mentioned in 07 05 13
07 05 99 wastes not otherwise specified

07 06 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 01* aqueous washing liquids and mother liquors
07 06 03* organic halogenated solvents, washing liquids and mother liquors
07 06 04* other organic solvents, washing liquids and mother liquors
07 06 07* halogenated still bottoms and reaction residues
07 06 08* other still bottoms and reaction residues
07 06 09* halogenated filter cakes and spent absorbents
07 06 10* other filter cakes and spent absorbents
07 06 11* sludges from on-site effluent treatment containing dangerous substances
07 06 12 sludges from on-site effluent treatment other than those mentioned in 07 06 11
07 06 99 wastes not otherwise specified

07 07 wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 01* aqueous washing liquids and mother liquors
07 07 03* organic halogenated solvents, washing liquids and mother liquors
07 07 04* other organic solvents, washing liquids and mother liquors
07 07 07* halogenated still bottoms and reaction residues
07 07 08* other still bottoms and reaction residues
07 07 09* halogenated filter cakes and spent absorbents
07 07 10* other filter cakes and spent absorbents
07 07 11* sludges from on-site effluent treatment containing dangerous substances
07 07 12 sludges from on-site effluent treatment other than those mentioned in 07 07 11
07 07 99 wastes not otherwise specified

08 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF
COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND
PRINTING INKS

08 01 wastes from MFSU and removal of paint and varnish
08 01 11* waste paint and varnish containing organic solvents or other dangerous substances
08 01 12 waste paint and varnish other than those mentioned in 08 01 11
08 01 13* sludges from paint or varnish containing organic solvents or other dangerous substances
08 01 14 sludges from paint or varnish other than those mentioned in 08 01 13
08 01 15* aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances
08 01 16 aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 01 17* wastes from paint or varnish removal containing organic solvents or other dangerous substances
08 01 18 wastes from paint or varnish removal other than those mentioned in 08 01 17
08 01 19* aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances
08 01 20 aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
08 01 21* waste paint or varnish remover
08 01 99 wastes not otherwise specified

08 02 wastes from MFSU of other coatings (including ceramic materials)
08 02 01 waste coating powders
08 02 02 aqueous sludges containing ceramic materials
08 02 03 aqueous suspensions containing ceramic materials
08 02 99 wastes not otherwise specified

08 03 wastes from MFSU of printing inks
08 03 07 aqueous sludges containing ink
08 03 08 aqueous liquid waste containing ink
08 03 12* waste ink containing dangerous substances
08 03 13 waste ink other than those mentioned in 08 03 12
08 03 14* ink sludges containing dangerous substances
08 03 15 ink sludges other than those mentioned in 08 03 14
08 03 16* waste etching solutions
08 03 17* waste printing toner containing dangerous substances
08 03 18 waste printing toner other than those mentioned in 08 03 17
08 03 19* disperse oil
08 03 99 wastes not otherwise specified
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<tr>
<td>08 04 09*</td>
<td>waste adhesives and sealants containing organic solvents or other dangerous substances</td>
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<tr>
<td>08 04 10</td>
<td>waste adhesives and sealants other than those mentioned in 08 04 09</td>
</tr>
<tr>
<td>08 04 11*</td>
<td>adhesive and sealant sludges containing organic solvents or other dangerous substances</td>
</tr>
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<td>08 04 12</td>
<td>adhesive and sealant sludges other than those mentioned in 08 04 11</td>
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<td>08 04 13*</td>
<td>aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances</td>
</tr>
<tr>
<td>08 04 14</td>
<td>aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13</td>
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<td>08 04 15*</td>
<td>aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances</td>
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<td>aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15</td>
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<td>08 04 17*</td>
<td>rosin oil</td>
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<td>wastes not otherwise specified</td>
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<td>wastes not otherwise specified in 08</td>
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<td>waste isocyanates</td>
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<td>WASTES FROM THE PHOTOGRAPHIC INDUSTRY</td>
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<tr>
<td>09 01</td>
<td>wastes from the photographic industry</td>
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<tr>
<td>09 01 01*</td>
<td>water-based developer and activator solutions</td>
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<td>09 01 02*</td>
<td>water-based offset plate developer solutions</td>
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<tr>
<td>09 01 03*</td>
<td>solvent-based developer solutions</td>
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<tr>
<td>09 01 04*</td>
<td>fixer solutions</td>
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<tr>
<td>09 01 05*</td>
<td>bleach solutions and bleach fixer solutions</td>
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<td>09 01 06*</td>
<td>wastes containing silver from on-site treatment of photographic wastes</td>
</tr>
<tr>
<td>09 01 07</td>
<td>photographic film and paper containing silver or silver compounds</td>
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<tr>
<td>09 01 08</td>
<td>photographic film and paper free of silver or silver compounds</td>
</tr>
<tr>
<td>09 01 10</td>
<td>single-use cameras without batteries</td>
</tr>
<tr>
<td>09 01 11*</td>
<td>single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03</td>
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<tr>
<td>09 01 12</td>
<td>single-use cameras containing batteries other than those mentioned in 09 01 11</td>
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<tr>
<td>09 01 13*</td>
<td>aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06</td>
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<tr>
<td>09 01 99</td>
<td>wastes not otherwise specified</td>
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<tr>
<td>10</td>
<td>WASTES FROM THERMAL PROCESSES</td>
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<tr>
<td>10 01</td>
<td>wastes from power stations and other combustion plants (except 19)</td>
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<tr>
<td>10 01 01</td>
<td>bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)</td>
</tr>
<tr>
<td>10 01 02</td>
<td>coal fly ash</td>
</tr>
<tr>
<td>10 01 03</td>
<td>fly ash from peat and untreated wood</td>
</tr>
<tr>
<td>10 01 04*</td>
<td>oil fly ash and boiler dust</td>
</tr>
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</table>
10 01 05 calcium-based reaction wastes from flue-gas desulphurisation in solid form
10 01 07 calcium-based reaction wastes from flue-gas desulphurisation in sludge form
10 01 09* sulphuric acid
10 01 13* fly ash from emulsified hydrocarbons used as fuel
10 01 14* bottom ash, slag and boiler dust from co-incineration containing dangerous substances
10 01 15 bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
10 01 16* fly ash from co-incineration containing dangerous substances
10 01 17 fly ash from co-incineration other than those mentioned in 10 01 16
10 01 18* wastes from gas cleaning containing dangerous substances
10 01 19 wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
10 01 20* sludges from on-site effluent treatment containing dangerous substances
10 01 21 sludges from on-site effluent treatment other than those mentioned in 10 01 20
10 01 22* aqueous sludges from boiler cleansing containing dangerous substances
10 01 23 aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
10 01 24 sands from fluidised beds
10 01 25 wastes from fuel storage and preparation of coal-fired power plants
10 01 26 wastes from cooling-water treatment
10 01 99 wastes not otherwise specified

10 02 wastes from the iron and steel industry
10 02 01 wastes from the processing of slag
10 02 02 unprocessed slag
10 02 07* solid wastes from gas treatment containing dangerous substances
10 02 08 solid wastes from gas treatment other than those mentioned in 10 02 07
10 02 10 mill scales
10 02 11* wastes from cooling-water treatment containing oil
10 02 12 wastes from cooling-water treatment other than those mentioned in 10 02 11
10 02 13* sludges and filter cakes from gas treatment containing dangerous substances
10 02 14 sludges and filter cakes from gas treatment other than those mentioned in 10 02 13
10 02 15 other sludges and filter cakes
10 02 99 wastes not otherwise specified

10 03 wastes from aluminium thermal metallurgy
10 03 02 anode scraps
10 03 04* primary production slags
10 03 05 waste alumina
10 03 08* salt slags from secondary production
10 03 09* black drosses from secondary production
10 03 15* skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities
10 03 16 skimmings other than those mentioned in 10 03 15
10 03 17* tar-containing wastes from anode manufacture
10 03 18 carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17
10 03 19* flue-gas dust containing dangerous substances
10 03 20 flue-gas dust other than those mentioned in 10 03 19
10 03 21* other particulates and dust (including ball-mill dust) containing dangerous substances
10 03 22 other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21
10 03 23* solid wastes from gas treatment containing dangerous substances
10 03 24 solid wastes from gas treatment other than those mentioned in 10 03 23
10 03 25* sludges and filter cakes from gas treatment containing dangerous substances
10 03 26 sludges and filter cakes from gas treatment other than those mentioned in 10 03 25
10 03 27* wastes from cooling-water treatment containing oil
10 03 28 wastes from cooling-water treatment other than those mentioned in 10 03 27
10 03 29* wastes from treatment of salt slags and black drosses containing dangerous substances
10 03 30 wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29
10 03 99 wastes not otherwise specified

10 04 wastes from lead thermal metallurgy
10 04 01* slags from primary and secondary production
10 04 02* dross and skimmings from primary and secondary production
10 04 03* calcium arsenate
10 04 04* flue-gas dust
10 04 05* other particulates and dust
10 04 06* solid wastes from gas treatment
10 04 07* sludges and filter cakes from gas treatment
10 04 09* wastes from cooling-water treatment containing oil
10 04 10 wastes from cooling-water treatment other than those mentioned in 10 04 09
10 04 99 wastes not otherwise specified

10 05 wastes from zinc thermal metallurgy
10 05 01 slags from primary and secondary production
10 05 03* flue-gas dust
10 05 04 other particulates and dust
10 05 05* solid waste from gas treatment
10 05 06* sludges and filter cakes from gas treatment
10 05 08* wastes from cooling-water treatment containing oil
10 05 09 wastes from cooling-water treatment other than those mentioned in 10 05 08
10 05 10* dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities
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<tr>
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<th>Description</th>
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<td>10 05 99</td>
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<td>10 06</td>
<td>wastes from copper thermal metallurgy</td>
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<td>10 06 01</td>
<td>slags from primary and secondary production</td>
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<td>10 06 02</td>
<td>dross and skimmings from primary and secondary production</td>
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<td>10 06 03*</td>
<td>flue-gas dust</td>
</tr>
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<td>10 06 04</td>
<td>other particulates and dust</td>
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<td>10 06 06*</td>
<td>solid wastes from gas treatment</td>
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<td>10 06 07*</td>
<td>sludges and filter cakes from gas treatment</td>
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<td>10 06 09*</td>
<td>wastes from cooling-water treatment containing oil</td>
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<td>wastes from cooling-water treatment other than those mentioned in 10 06 09</td>
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<td>10 07</td>
<td>wastes from silver, gold and platinum thermal metallurgy</td>
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<td>slags from primary and secondary production</td>
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<td>10 07 02</td>
<td>dross and skimmings from primary and secondary production</td>
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<td>solid wastes from gas treatment</td>
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<td>sludges and filter cakes from gas treatment</td>
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<td>wastes from cooling-water treatment containing oil</td>
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<td>wastes from cooling-water treatment other than those mentioned in 10 07 07</td>
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<td>10 08</td>
<td>wastes from other non-ferrous thermal metallurgy</td>
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<td>10 08 04</td>
<td>particulates and dust</td>
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<td>10 08 08*</td>
<td>salt slag from primary and secondary production</td>
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<tr>
<td>10 08 09</td>
<td>other slags</td>
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<tr>
<td>10 08 10*</td>
<td>dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities</td>
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<td>10 08 11</td>
<td>dross and skimmings other than those mentioned in 10 08 10</td>
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<td>tar-containing wastes from anode manufacture</td>
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<td>carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12</td>
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<td>10 08 14</td>
<td>anode scrap</td>
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<td>10 08 15*</td>
<td>flue-gas dust containing dangerous substances</td>
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<td>10 08 16</td>
<td>flue-gas dust other than those mentioned in 10 08 15</td>
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<td>10 08 17*</td>
<td>sludges and filter cakes from flue-gas treatment containing dangerous substances</td>
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<td>10 08 18</td>
<td>sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17</td>
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<td>10 08 19*</td>
<td>wastes from cooling-water treatment containing oil</td>
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<td>10 08 20</td>
<td>wastes from cooling-water treatment other than those mentioned in 10 08 19</td>
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10 09 wastes from casting of ferrous pieces
10 09 03 furnace slag
10 09 05* casting cores and moulds which have not undergone pouring containing dangerous substances
10 09 06 casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05
10 09 07* casting cores and moulds which have undergone pouring containing dangerous substances
10 09 08 casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07
10 09 09* flue-gas dust containing dangerous substances
10 09 10 flue-gas dust other than those mentioned in 10 09 09
10 09 11* other particulates containing dangerous substances
10 09 12 other particulates other than those mentioned in 10 09 11
10 09 13* waste binders containing dangerous substances
10 09 14 waste binders other than those mentioned in 10 09 13
10 09 15* waste crack-indicating agent containing dangerous substances
10 09 16 waste crack-indicating agent other than those mentioned in 10 09 15
10 09 99 wastes not otherwise specified

10 10 wastes from casting of non-ferrous pieces
10 10 03 furnace slag
10 10 05* casting cores and moulds which have not undergone pouring containing dangerous substances
10 10 06 casting cores and moulds which have not undergone pouring other than those mentioned in 10 10 05
10 10 07* casting cores and moulds which have undergone pouring containing dangerous substances
10 10 08 casting cores and moulds which have undergone pouring other than those mentioned in 10 10 07
10 10 09* flue-gas dust containing dangerous substances
10 10 10 flue-gas dust other than those mentioned in 10 10 09
10 10 11* other particulates containing dangerous substances
10 10 12 other particulates other than those mentioned in 10 10 11
10 10 13* waste binders containing dangerous substances
10 10 14 waste binders other than those mentioned in 10 10 13
10 10 15* waste crack-indicating agent containing dangerous substances
10 10 16 waste crack-indicating agent other than those mentioned in 10 10 15
10 10 99 wastes not otherwise specified

10 11 wastes from manufacture of glass and glass products
10 11 03 waste glass-based fibrous materials
10 11 05 particulates and dust
10 11 09* waste preparation mixture before thermal processing containing dangerous substances
10 11 10 waste preparation mixture before thermal processing other than those mentioned in 10 11 09
10 11 11* waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)
10 11 12 waste glass other than those mentioned in 10 11 11
10 11 13* glass-polishing and -grinding sludge containing dangerous substances
10 11 14 glass-polishing and -grinding sludge other than those mentioned in 10 11 13
10 11 15* solid wastes from flue-gas treatment containing dangerous substances
<table>
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<tr>
<td>10 11 16</td>
<td>solid wastes from flue-gas treatment other than those mentioned in 10 11 15</td>
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<td>10 11 17*</td>
<td>sludges and filter cakes from flue-gas treatment containing dangerous substances</td>
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<td>10 11 18</td>
<td>sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17</td>
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<td>10 11 19*</td>
<td>solid wastes from on-site effluent treatment containing dangerous substances</td>
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<td>solid wastes from on-site effluent treatment other than those mentioned in 10 11 19</td>
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<td>wastes not otherwise specified</td>
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<td>10 12</td>
<td>wastes from manufacture of ceramic goods, bricks, tiles and construction products</td>
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<td>10 12 01</td>
<td>waste preparation mixture before thermal processing</td>
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<tr>
<td>10 12 03</td>
<td>particulates and dust</td>
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<td>10 12 05</td>
<td>sludges and filter cakes from gas treatment</td>
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<td>10 12 06</td>
<td>discarded moulds</td>
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<td>10 12 08</td>
<td>waste ceramics, bricks, tiles and construction products (after thermal processing)</td>
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<tr>
<td>10 12 09*</td>
<td>solid wastes from gas treatment containing dangerous substances</td>
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<td>10 12 10</td>
<td>solid wastes from gas treatment other than those mentioned in 10 12 09</td>
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<td>10 12 11*</td>
<td>wastes from glazing containing heavy metals</td>
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<td>10 12 12</td>
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<td>10 12 13</td>
<td>sludge from on-site effluent treatment</td>
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<td>10 12 99</td>
<td>wastes not otherwise specified</td>
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<td>10 13</td>
<td>wastes from manufacture of cement, lime and plaster and articles and products made from them</td>
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<td>10 13 01</td>
<td>waste preparation mixture before thermal processing</td>
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<td>10 13 04</td>
<td>wastes from calcination and hydration of lime</td>
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<td>10 13 06</td>
<td>particulates and dust (except 10 13 12 and 10 13 13)</td>
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<td>10 13 07</td>
<td>sludges and filter cakes from gas treatment</td>
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<td>10 13 09*</td>
<td>wastes from asbestos-cement manufacture containing asbestos</td>
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<td>wastes from asbestos-cement manufacture other than those mentioned in 10 13 09</td>
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<td>wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10</td>
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<td>solid wastes from gas treatment containing dangerous substances</td>
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<td>10 13 13</td>
<td>solid wastes from gas treatment other than those mentioned in 10 13 12</td>
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<td>10 13 14</td>
<td>waste concrete and concrete sludge</td>
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<td>10 14</td>
<td>waste from crematoria</td>
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<td>10 14 01*</td>
<td>waste from gas cleaning containing mercury</td>
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11 WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDRO-METALLURGY

11 01 wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)

11 01 05* pickling acids
11 01 06* acids not otherwise specified
11 01 07* pickling bases
11 01 08* phosphatising sludges
11 01 09* sludges and filter cakes containing dangerous substances
11 01 10 sludges and filter cakes other than those mentioned in 11 01 09
11 01 11* aqueous rinsing liquids containing dangerous substances
11 01 12 aqueous rinsing liquids other than those mentioned in 11 01 11
11 01 13* degreasing wastes containing dangerous substances
11 01 14 degreasing wastes other than those mentioned in 11 01 13
11 01 15* eluate and sludges from membrane systems or ion exchange systems containing dangerous substances
11 01 16* saturated or spent ion exchange resins
11 01 98* other wastes containing dangerous substances
11 01 99 wastes not otherwise specified

11 02 wastes from non-ferrous hydrometallurgical processes

11 02 02* sludges from zinc hydrometallurgy (including jarosite, goethite)
11 02 03 wastes from the production of anodes for aqueous electrolytical processes
11 02 05* wastes from copper hydrometallurgical processes containing dangerous substances
11 02 06 wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
11 02 07* other wastes containing dangerous substances
11 02 99 wastes not otherwise specified

11 03 sludges and solids from tempering processes

11 03 01* wastes containing cyanide
11 03 02* other wastes

11 05 wastes from hot galvanising processes

11 05 01 hard zinc
11 05 02 zinc ash
11 05 03* solid wastes from gas treatment
11 05 04* spent flux
11 05 99 wastes not otherwise specified

12 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS

12 01 wastes from shaping and physical and mechanical surface treatment of metals and plastics

12 01 01 ferrous metal filings and turnings
12 01 02 ferrous metal dust and particles
12 01 03 non-ferrous metal filings and turnings
12 01 04 non-ferrous metal dust and particles
12 01 05 plastics shavings and turnings
12 01 06* mineral-based machining oils containing halogens (except emulsions and solutions)
12 01 07* mineral-based machining oils free of halogens (except emulsions and solutions)
12 01 08* machining emulsions and solutions containing halogens
12 01 09* machining emulsions and solutions free of halogens
12 01 10* synthetic machining oils
12 01 12* spent waxes and fats
12 01 13 welding wastes
12 01 14* machining sludges containing dangerous substances
12 01 15 machining sludges other than those mentioned in 12 01 14
12 01 16* waste blasting material containing dangerous substances
12 01 17 waste blasting material other than those mentioned in 12 01 16
12 01 18* metal sludge (grinding, honing and lapping sludge) containing oil
12 01 19* readily biodegradable machining oil
12 01 20* spent grinding bodies and grinding materials containing dangerous substances
12 01 21 spent grinding bodies and grinding materials other than those mentioned in 12 01 20
12 01 99 wastes not otherwise specified

12 03 wastes from water and steam degreasing processes (except 11)
12 03 01* aqueous washing liquids
12 03 02* steam degreasing wastes

13 OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19)

13 01 waste hydraulic oils
13 01 01* hydraulic oils, containing PCBs
13 01 04* chlorinated emulsions
13 01 05* non-chlorinated emulsions
13 01 09* mineral-based chlorinated hydraulic oils
13 01 10* mineral-based non-chlorinated hydraulic oils
13 01 11* synthetic hydraulic oils
13 01 12* readily biodegradable hydraulic oils
13 01 13* other hydraulic oils

13 02 waste engine, gear and lubricating oils
13 02 04* mineral-based chlorinated engine, gear and lubricating oils
13 02 05* mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06* synthetic engine, gear and lubricating oils
13 02 07* readily biodegradable engine, gear and lubricating oils
13 02 08* other engine, gear and lubricating oils

(1) For the purpose of this list of wastes, PCBs will be defined as in Directive 96/59/EC.
13 03 waste insulating and heat transmission oils
13 03 01* insulating or heat transmission oils containing PCBs
13 03 06* mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
13 03 07* mineral-based non-chlorinated insulating and heat transmission oils
13 03 08* synthetic insulating and heat transmission oils
13 03 09* readily biodegradable insulating and heat transmission oils
13 03 10* other insulating and heat transmission oils
13 04 bilge oils
13 04 01* bilge oils from inland navigation
13 04 02* bilge oils from jetty sewers
13 04 03* bilge oils from other navigation
13 05 oil/water separator contents
13 05 01* solids from grit chambers and oil/water separators
13 05 02* sludges from oil/water separators
13 05 03* interceptor sludges
13 05 06* oil from oil/water separators
13 05 07* oily water from oil/water separators
13 05 08* mixtures of wastes from grit chambers and oil/water separators
13 07 wastes of liquid fuels
13 07 01* fuel oil and diesel
13 07 02* petrol
13 07 03* other fuels (including mixtures)
13 08 oil wastes not otherwise specified
13 08 01* desalter sludges or emulsions
13 08 02* other emulsions
13 08 99* wastes not otherwise specified

14 WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (except 07 and 08)
14 06 waste organic solvents, refrigerants and foam/aerosol propellants
14 06 01* chlorofluorocarbons, HCFC, HFC
14 06 02* other halogenated solvents and solvent mixtures
14 06 03* other solvents and solvent mixtures
14 06 04* sludges or solid wastes containing halogenated solvents
14 06 05* sludges or solid wastes containing other solvents

15 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01 packaging (including separately collected municipal packaging waste)
15 01 01 paper and cardboard packaging
15 01 02 plastic packaging
15 01 03 wooden packaging
15 01 04 metallic packaging
15 01 05 composite packaging
15 01 06 mixed packaging
15 01 07 glass packaging
15 01 09 textile packaging
15 01 10* packaging containing residues of or contaminated by dangerous substances
15 01 11* metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers

15 02 absorbents, filter materials, wiping cloths and protective clothing
15 02 02* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances
15 02 03 absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02

16 WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 01 end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 03 end-of-life tyres
16 01 04 discarded vehicles; NB: This entry is not part of the proposal submitted for opinion to the Committee. The necessary changes to this entry will be made on the basis of the outcome of the procedure in Council on the proposal included in document COM(2000) 546
16 01 06 end-of-life vehicles, containing neither liquids nor other hazardous components
16 01 07* oil filters
16 01 08* components containing mercury
16 01 09* components containing PCBs
16 01 10* explosive components (for example air bags)
16 01 11* brake pads containing asbestos
16 01 12 brake pads other than those mentioned in 16 01 11
16 01 13* brake fluids
16 01 14* antifreeze fluids containing dangerous substances
16 01 15 antifreeze fluids other than those mentioned in 16 01 14
16 01 16 tanks for liquefied gas
16 01 17 ferrous metal
16 01 18 non-ferrous metal
16 01 19 plastic
16 01 20 glass
16 01 21* hazardous components other than those mentioned in 16 01 07 to 16 01 11 and 16 01 13 and 16 01 14
16 01 22 components not otherwise specified
16 01 99 wastes not otherwise specified
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<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>16 02</td>
<td>wastes from electrical and electronic equipment</td>
</tr>
<tr>
<td>16 02 09*</td>
<td>transformers and capacitors containing PCBs</td>
</tr>
<tr>
<td>16 02 10*</td>
<td>discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09</td>
</tr>
<tr>
<td>16 02 11*</td>
<td>discarded equipment containing chlorofluorocarbons, HCFC, HFC</td>
</tr>
<tr>
<td>16 02 12*</td>
<td>discarded equipment containing free asbestos</td>
</tr>
<tr>
<td>16 02 13*</td>
<td>discarded equipment containing hazardous components (2) other than those mentioned in 16 02 09 to 16 02 12</td>
</tr>
<tr>
<td>16 02 14</td>
<td>discarded equipment other than those mentioned in 16 02 09 to 16 02 13</td>
</tr>
<tr>
<td>16 02 15*</td>
<td>hazardous components removed from discarded equipment</td>
</tr>
<tr>
<td>16 02 16</td>
<td>components removed from discarded equipment other than those mentioned in 16 02 15</td>
</tr>
<tr>
<td>16 02</td>
<td>off-specification batches and unused products</td>
</tr>
<tr>
<td>16 03 03*</td>
<td>inorganic wastes containing dangerous substances</td>
</tr>
<tr>
<td>16 03 04</td>
<td>inorganic wastes other than those mentioned in 16 03 03</td>
</tr>
<tr>
<td>16 03 05*</td>
<td>organic wastes containing dangerous substances</td>
</tr>
<tr>
<td>16 03 06</td>
<td>organic wastes other than those mentioned in 16 03 05</td>
</tr>
<tr>
<td>16 04</td>
<td>waste explosives</td>
</tr>
<tr>
<td>16 04 01*</td>
<td>waste ammunition</td>
</tr>
<tr>
<td>16 04 02*</td>
<td>fireworks wastes</td>
</tr>
<tr>
<td>16 04 03*</td>
<td>other waste explosives</td>
</tr>
<tr>
<td>16 05</td>
<td>gases in pressure containers and discarded chemicals</td>
</tr>
<tr>
<td>16 05 04*</td>
<td>gases in pressure containers (including halons) containing dangerous substances</td>
</tr>
<tr>
<td>16 05 05</td>
<td>gases in pressure containers other than those mentioned in 16 05 04</td>
</tr>
<tr>
<td>16 05 06*</td>
<td>laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals</td>
</tr>
<tr>
<td>16 05 07*</td>
<td>discarded inorganic chemicals consisting of or containing dangerous substances</td>
</tr>
<tr>
<td>16 05 08*</td>
<td>discarded organic chemicals consisting of or containing dangerous substances</td>
</tr>
<tr>
<td>16 05 09</td>
<td>discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08</td>
</tr>
<tr>
<td>16 06</td>
<td>batteries and accumulators</td>
</tr>
<tr>
<td>16 06 01*</td>
<td>lead batteries</td>
</tr>
<tr>
<td>16 06 02*</td>
<td>Ni-Cd batteries</td>
</tr>
<tr>
<td>16 06 03*</td>
<td>mercury-containing batteries</td>
</tr>
<tr>
<td>16 06 04</td>
<td>alkaline batteries (except 16 06 03)</td>
</tr>
<tr>
<td>16 06 05</td>
<td>other batteries and accumulators</td>
</tr>
<tr>
<td>16 06 06*</td>
<td>separately collected electrolyte from batteries and accumulators</td>
</tr>
<tr>
<td>16 07</td>
<td>wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)</td>
</tr>
<tr>
<td>16 07 08*</td>
<td>wastes containing oil</td>
</tr>
<tr>
<td>16 07 09*</td>
<td>wastes containing other dangerous substances</td>
</tr>
<tr>
<td>16 07 99</td>
<td>wastes not otherwise specified</td>
</tr>
</tbody>
</table>

(2) Hazardous components from electrical and electronic equipment may include accumulators and batteries mentioned in 16 06 and marked as hazardous; mercury switches, glass from cathode ray tubes and other activated glass, etc.
16 08 spent catalysts
16 08 01 spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
16 08 02* spent catalysts containing dangerous transition metals (³) or dangerous transition metal compounds
16 08 03 spent catalysts containing transition metals or transition metal compounds not otherwise specified
16 08 04 spent fluid catalytic cracking catalysts (except 16 08 07)
16 08 05* spent catalysts containing phosphoric acid
16 08 06* spent liquids used as catalysts
16 08 07* spent catalysts contaminated with dangerous substances

16 09 oxidising substances
16 09 01* permanganates, for example potassium permanganate
16 09 02* chromates, for example potassium chromate, potassium or sodium dichromate
16 09 03* peroxides, for example hydrogen peroxide
16 09 04* oxidising substances, not otherwise specified

16 10 aqueous liquid wastes destined for off-site treatment
16 10 01* aqueous liquid wastes containing dangerous substances
16 10 02 aqueous liquid wastes other than those mentioned in 16 10 01
16 10 03* aqueous concentrates containing dangerous substances
16 10 04 aqueous concentrates other than those mentioned in 16 10 03

16 11 waste linings and refractories
16 11 01* carbon-based linings and refractories from metallurgical processes containing dangerous substances
16 11 02 carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01
16 11 03* other linings and refractories from metallurgical processes containing dangerous substances
16 11 04 other linings and refractories from metallurgical processes other than those mentioned in 16 11 03
16 11 05* linings and refractories from non-metallurgical processes containing dangerous substances
16 11 06 linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05

17 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)

17 01 concrete, bricks, tiles and ceramics
17 01 01 concrete
17 01 02 bricks
17 01 03 tiles and ceramics
17 01 06* mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances
17 01 07 mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06

(³) For the purpose of this entry, transition metals are: scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum. These metals or their compounds are dangerous if they are classified as dangerous substances. The classification of dangerous substances shall determine which among those transition metals and which transition metal compounds are hazardous.
17 02  wood, glass and plastic
17 02 01  wood
17 02 02  glass
17 02 03  plastic
17 02 04* glass, plastic and wood containing or contaminated with dangerous substances

17 03  bituminous mixtures, coal tar and tarred products
17 03 01* bituminous mixtures containing coal tar
17 03 02  bituminous mixtures other than those mentioned in 17 03 01
17 03 03* coal tar and tarred products

17 04  metals (including their alloys)
17 04 01  copper, bronze, brass
17 04 02  aluminium
17 04 03  lead
17 04 04  zinc
17 04 05  iron and steel
17 04 06  tin
17 04 07  mixed metals
17 04 09* metal waste contaminated with dangerous substances
17 04 10* cables containing oil, coal tar and other dangerous substances
17 04 11  cables other than those mentioned in 17 04 10

17 05  soil (including excavated soil from contaminated sites), stones and dredging spoil
17 05 03* soil and stones containing dangerous substances
17 05 04  soil and stones other than those mentioned in 17 05 03
17 05 05* dredging spoil containing dangerous substances
17 05 06  dredging spoil other than those mentioned in 17 05 05
17 05 07* track ballast containing dangerous substances
17 05 08  track ballast other than those mentioned in 17 05 07

17 06  insulation materials and asbestos-containing construction materials
17 06 01* insulation materials containing asbestos
17 06 03* other insulation materials consisting of or containing dangerous substances
17 06 04  insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 06 05  construction materials containing asbestos

17 08  gypsum-based construction material
17 08 01* gypsum-based construction materials contaminated with dangerous substances
17 08 02  gypsum-based construction materials other than those mentioned in 17 08 01

17 09  other construction and demolition wastes
17 09 01* construction and demolition wastes containing mercury
17 09 02* construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)
17 09 03* other construction and demolition wastes (including mixed wastes) containing dangerous substances
17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

18 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)
18 01 wastes from natal care, diagnosis, treatment or prevention of disease in humans
18 01 01 sharps (except 18 01 03)
18 01 02 body parts and organs including blood bags and blood preserves (except 18 01 03)
18 01 03* wastes whose collection and disposal is subject to special requirements in order to prevent infection
18 01 04 wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)
18 01 06* chemicals consisting of or containing dangerous substances
18 01 07 chemicals other than those mentioned in 18 01 06
18 01 08* cytotoxic and cytostatic medicines
18 01 09 medicines other than those mentioned in 18 01 08
18 01 10* amalgam waste from dental care
18 02 wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 01 sharps (except 18 02 02)
18 02 02* wastes whose collection and disposal is subject to special requirements in order to prevent infection
18 02 03 wastes whose collection and disposal is not subject to special requirements in order to prevent infection
18 02 05* chemicals consisting of or containing dangerous substances
18 02 06 chemicals other than those mentioned in 18 02 05
18 02 07* cytotoxic and cytostatic medicines
18 02 08 medicines other than those mentioned in 18 02 07

19 WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE
19 01 wastes from incineration or pyrolysis of waste
19 01 02 ferrous materials removed from bottom ash
19 01 05* filter cake from gas treatment
19 01 06* aqueous liquid wastes from gas treatment and other aqueous liquid wastes
19 01 07* solid wastes from gas treatment
19 01 10* spent activated carbon from flue-gas treatment
19 01 11* bottom ash and slag containing dangerous substances
19 01 12 bottom ash and slag other than those mentioned in 19 01 11
19 01 13* fly ash containing dangerous substances
19 01 14 fly ash other than those mentioned in 19 01 13
19 01 15* boiler dust containing dangerous substances
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>19 01 16</td>
<td>boiler dust other than those mentioned in 19 01 15</td>
</tr>
<tr>
<td>19 01 17</td>
<td>pyrolysis wastes containing dangerous substances</td>
</tr>
<tr>
<td>19 01 18</td>
<td>pyrolysis wastes other than those mentioned in 19 01 17</td>
</tr>
<tr>
<td>19 01 19</td>
<td>sands from fluidised beds</td>
</tr>
<tr>
<td>19 01 99</td>
<td>wastes not otherwise specified</td>
</tr>
<tr>
<td>19 02</td>
<td>wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)</td>
</tr>
<tr>
<td>19 02 03</td>
<td>premixed wastes composed only of non-hazardous wastes</td>
</tr>
<tr>
<td>19 02 04*</td>
<td>premixed wastes composed of at least one hazardous waste</td>
</tr>
<tr>
<td>19 02 05*</td>
<td>sludges from physico/chemical treatment containing dangerous substances</td>
</tr>
<tr>
<td>19 02 06</td>
<td>sludges from physico/chemical treatment other than those mentioned in 19 02 05</td>
</tr>
<tr>
<td>19 02 07*</td>
<td>oil and concentrates from separation</td>
</tr>
<tr>
<td>19 02 08*</td>
<td>liquid combustible wastes containing dangerous substances</td>
</tr>
<tr>
<td>19 02 09*</td>
<td>solid combustible wastes containing dangerous substances</td>
</tr>
<tr>
<td>19 02 10</td>
<td>combustible wastes other than those mentioned in 19 02 08 and 19 02 09</td>
</tr>
<tr>
<td>19 02 11*</td>
<td>other wastes containing dangerous substances</td>
</tr>
<tr>
<td>19 02 99</td>
<td>wastes not otherwise specified</td>
</tr>
<tr>
<td>19 03</td>
<td>stabilised/solidified wastes (())</td>
</tr>
<tr>
<td>19 03 04*</td>
<td>wastes marked as hazardous, partly ((^{5})) stabilised</td>
</tr>
<tr>
<td>19 03 05</td>
<td>stabilised wastes other than those mentioned in 19 03 04</td>
</tr>
<tr>
<td>19 03 06*</td>
<td>wastes marked as hazardous, solidified</td>
</tr>
<tr>
<td>19 03 07</td>
<td>solidified wastes other than those mentioned in 19 03 06</td>
</tr>
<tr>
<td>19 04</td>
<td>vitrified waste and wastes from vitrification</td>
</tr>
<tr>
<td>19 04 01</td>
<td>vitrified waste</td>
</tr>
<tr>
<td>19 04 02*</td>
<td>fly ash and other flue-gas treatment wastes</td>
</tr>
<tr>
<td>19 04 03*</td>
<td>non-vitrified solid phase</td>
</tr>
<tr>
<td>19 04 04</td>
<td>aqueous liquid wastes from vitrified waste tempering</td>
</tr>
<tr>
<td>19 05</td>
<td>wastes from aerobic treatment of solid wastes</td>
</tr>
<tr>
<td>19 05 01</td>
<td>non-composted fraction of municipal and similar wastes</td>
</tr>
<tr>
<td>19 05 02</td>
<td>non-composted fraction of animal and vegetable waste</td>
</tr>
<tr>
<td>19 05 03</td>
<td>off-specification compost</td>
</tr>
<tr>
<td>19 05 99</td>
<td>wastes not otherwise specified</td>
</tr>
<tr>
<td>19 06</td>
<td>wastes from anaerobic treatment of waste</td>
</tr>
<tr>
<td>19 06 03</td>
<td>liquor from anaerobic treatment of municipal waste</td>
</tr>
<tr>
<td>19 06 04</td>
<td>digestate from anaerobic treatment of municipal waste</td>
</tr>
<tr>
<td>19 06 05</td>
<td>liquor from anaerobic treatment of animal and vegetable waste</td>
</tr>
<tr>
<td>19 06 06</td>
<td>digestate from anaerobic treatment of animal and vegetable waste</td>
</tr>
<tr>
<td>19 06 99</td>
<td>wastes not otherwise specified</td>
</tr>
</tbody>
</table>

\(^{4}\) Stabilisation processes change the dangerousness of the constituents in the waste and thus transform hazardous waste into non-hazardous waste. Solidification processes only change the physical state of the waste (e.g. liquid into solid) by using additives without changing the chemical properties of the waste.

\(^{5}\) A waste is considered as partly stabilised if, after the stabilisation process, dangerous constituents which have not been changed completely into non-dangerous constituents could be released into the environment in the short, middle or long term.
19 07 landfill leachate
19 07 02* landfill leachate containing dangerous substances
19 07 03 landfill leachate other than those mentioned in 19 07 02
19 08 wastes from waste water treatment plants not otherwise specified
19 08 01 screenings
19 08 02 waste from desanding
19 08 05 sludges from treatment of urban waste water
19 08 06* saturated or spent ion exchange resins
19 08 07* solutions and sludges from regeneration of ion exchangers
19 08 08* membrane system waste containing heavy metals
19 08 09* grease and oil mixture from oil/water separation containing edible oil and fats
19 08 10* grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
19 08 11* sludges containing dangerous substances from biological treatment of industrial waste water
19 08 12 sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
19 08 13* sludges containing dangerous substances from other treatment of industrial waste water
19 08 14 sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
19 08 99 wastes not otherwise specified
19 09 wastes from the preparation of water intended for human consumption or water for industrial use
19 09 01 solid waste from primary filtration and screenings
19 09 02 sludges from water clarification
19 09 03 sludges from decarbonation
19 09 04 spent activated carbon
19 09 05 saturated or spent ion exchange resins
19 09 06 solutions and sludges from regeneration of ion exchangers
19 09 99 wastes not otherwise specified
19 10 wastes from shredding of metal-containing wastes
19 10 01 iron and steel waste
19 10 02 non-ferrous waste
19 10 03* fluff-light fraction and dust containing dangerous substances
19 10 04 fluff-light fraction and dust other than those mentioned in 19 10 03
19 10 05* other fractions containing dangerous substances
19 10 06 other fractions other than those mentioned in 19 10 05
19 11* wastes from oil regeneration
19 11 01* spent filter clays
19 11 02* acid tars
19 11 03* aqueous liquid wastes
19 11 04* wastes from cleaning of fuel with bases
19 11 05* sludges from on-site effluent treatment containing dangerous substances
19 11 06 sludges from on-site effluent treatment other than those mentioned in 19 11 05
19 11 07* wastes from flue-gas cleaning
19 11 99 wastes not otherwise specified
19 12 wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01 paper and cardboard
19 12 02 ferrous metal
19 12 03 non-ferrous metal
19 12 04 plastic and rubber
19 12 05 glass
19 12 06* wood containing dangerous substances
19 12 07 wood other than that mentioned in 19 12 06
19 12 08 textiles
19 12 09 minerals (for example sand, stones)
19 12 10 combustible waste (refuse derived fuel)
19 12 11* other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances
19 12 12 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11
19 13 wastes from soil and groundwater remediation
19 13 01* solid wastes from soil remediation containing dangerous substances
19 13 02 solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 03* sludges from soil remediation containing dangerous substances
19 13 04 sludges from soil remediation other than those mentioned in 19 13 03
19 13 05* sludges from groundwater remediation containing dangerous substances
19 13 06 sludges from groundwater remediation other than those mentioned in 19 13 05
19 13 07* aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances
19 13 08 aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07

20 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
20 01 separately collected fractions (except 15 01)
20 01 01 paper and cardboard
20 01 02 glass
20 01 08 biodegradable kitchen and canteen waste
20 01 10 clothes
20 01 11 textiles
20 01 13* solvents
20 01 14* acids
20 01 15* alkalines
| 20 01 17* | photochemicals |
| 20 01 19* | pesticides |
| 20 01 21* | fluorescent tubes and other mercury-containing waste |
| 20 01 23* | discarded equipment containing chlorofluorocarbons |
| 20 01 25 | edible oil and fat |
| 20 01 26* | oil and fat other than those mentioned in 20 01 25 |
| 20 01 27* | paint, inks, adhesives and resins containing dangerous substances |
| 20 01 28 | paint, inks, adhesives and resins other than those mentioned in 20 01 27 |
| 20 01 29* | detergents containing dangerous substances |
| 20 01 30 | detergents other than those mentioned in 20 01 29 |
| 20 01 31* | cytotoxic and cytostatic medicines |
| 20 01 32 | medicines other than those mentioned in 20 01 31 |
| 20 01 33* | batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries |
| 20 01 34 | batteries and accumulators other than those mentioned in 20 01 33 |
| 20 01 35* | discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components (*) |
| 20 01 36 | discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35 |
| 20 01 37* | wood containing dangerous substances |
| 20 01 38 | wood other than that mentioned in 20 01 37 |
| 20 01 39 | plastics |
| 20 01 40 | metals |
| 20 01 41 | wastes from chimney sweeping |
| 20 01 99 | other fractions not otherwise specified |

| 20 02 | garden and park wastes (including cemetery waste) |
| 20 02 01 | biodegradable waste |
| 20 02 02 | soil and stones |
| 20 02 03 | other non-biodegradable wastes |

| 20 03 | other municipal wastes |
| 20 03 01 | mixed municipal waste |
| 20 03 02 | waste from markets |
| 20 03 03 | street-cleaning residues |
| 20 03 04 | septic tank sludge |
| 20 03 06 | waste from sewage cleaning |
| 20 03 07 | bulky waste |
| 20 03 99 | municipal wastes not otherwise specified |

(*) Hazardous components from electrical and electronic equipment may include accumulators and batteries mentioned in 16 06 and marked as hazardous; mercury switches, glass from cathode ray tubes and other activated glass etc.