

SCHEDULE 1

Regulation 2(2)(b)

THE LIST OF WASTES — THE ANNEX TO THE LIST OF WASTES DECISION

“ANNEX

List of wastes pursuant to Article 1(a) of Directive 75/442/EEC on waste and Article 1(4) of Directive 91/689/EEC on hazardous waste

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

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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](#) (OJNo. L200, 30.7.1999, p.1), 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 [2000/532/EC](#).

INDEX

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
07	Wastes from organic chemical processes
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
10	Wastes from thermal processes
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 WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS

01 01 wastes from mineral excavation

01 01 01 wastes from mineral metalliferous excavation

01 01 02 wastes from mineral non-metalliferous excavation

01 03 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

01 04 wastes from physical and chemical processing of non-metalliferous minerals

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

01 05 drilling muds and other drilling wastes

01 05 04 freshwater drilling muds and wastes

01 05 05* oil-containing drilling muds and wastes

01 05 06* drilling muds and other drilling wastes containing dangerous substances

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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01 05 99 wastes not otherwise specified

02 WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING

02 01 wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing

02 01 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

02 07 99 wastes not otherwise specified

03 WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD

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* in organic 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

03 03 01 waste bark and wood

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

03 03 99 wastes not otherwise specified

04 WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES

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04 01 wastes from the leather and fur industry

- 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
- 04 02 16* dyestuffs and pigments containing dangerous substances
- 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

05 WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL

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
- 05 01 13 boiler feedwater sludges
- 05 01 14 wastes from cooling columns

05 01 15* spent filter clays
05 01 16 sulphur-containing wastes from petroleum desulphurisation
05 01 17 bitumen
05 01 99 wastes not otherwise specified

05 06 wastes from the pyrolytic treatment of coal

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

05 07 wastes from natural gas purification and transportation

05 07 01* wastes containing mercury
05 07 02 wastes containing sulphur
05 07 99 wastes not otherwise specified

06 WASTES FROM INORGANIC CHEMICAL PROCESSES

06 01 wastes from the manufacture, formulation, supply and use (MFSU) of acids

06 01 01* sulphuric acid and sulphurous acid
06 01 02* hydrochloric acid
06 01 03* hydrofluoric acid
06 01 04* phosphoric and phosphorous acid
06 01 05* nitric acid and nitrous acid
06 01 06* other acids
06 01 99 wastes not otherwise specified

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
06 03 15* metallic oxides containing heavy metals
06 03 16 metallic oxides other than those mentioned in 06 03 15
06 03 99 wastes not otherwise specified

06 04 metal-containing wastes other than those mentioned in 06 03

06 04 03* wastes containing arsenic
06 04 04* wastes containing mercury
06 04 05* wastes containing other heavy metals

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06 04 99 wastes not otherwise specified

06 05 sludges from on-site effluent treatment

06 05 02* sludges from on-site effluent treatment containing dangerous substances

06 05 03 sludges from on-site effluent treatment other than those mentioned in 06 05 02

06 06 wastes from the MFSU of sulphur chemicals, sulphur chemical processes and desulphurisation processes

06 06 02* wastes containing dangerous sulphides

06 06 03 wastes containing sulphides other than those mentioned in 06 06 02

06 06 99 wastes not otherwise specified

06 07 wastes from the MFSU of halogens and halogen chemical processes

06 07 01* wastes containing asbestos from electrolysis

06 07 02* activated carbon from chlorine production

06 07 03* barium sulphate sludge containing mercury

06 07 04* solutions and acids, for example contact acid

06 07 99 wastes not otherwise specified

06 08 wastes from the MFSU of silicon and silicon derivatives

06 08 02* waste containing dangerous silicones

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

06 09 99 wastes not otherwise specified

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 opacifiers

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

07 WASTES FROM ORGANIC CHEMICAL PROCESSES

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
- 07 01 12 sludges from on-site effluent treatment other than those mentioned in 07 01 11
- 07 01 99 wastes not otherwise specified

07 02 wastes from the MFSU of plastics, synthetic rubber and man-made fibres

- 07 02 01* aqueous washing liquids and mother liquors
- 07 02 03* organic halogenated solvents, washing liquids and mother liquors
- 07 02 04* other organic solvents, washing liquids and mother liquors
- 07 02 07* halogenated still bottoms and reaction residues
- 07 02 08* other still bottoms and reaction residues
- 07 02 09* halogenated filter cakes and spent absorbents
- 07 02 10* other filter cakes and spent absorbents
- 07 02 11* sludges from on-site effluent treatment containing dangerous substances
- 07 02 12 sludges from on-site effluent treatment other than those mentioned in 07 02 11
- 07 02 13 waste plastic
- 07 02 14* wastes from additives containing dangerous substances
- 07 02 15 wastes from additives other than those mentioned in 07 02 14
- 07 02 16* waste containing dangerous silicones
- 07 02 17 waste containing silicones other than those mentioned in 07 02 16
- 07 02 99 wastes not otherwise specified

07 03 wastes from the MFSU of organic dyes and pigments (except 06 11)

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

07 04 wastes from the MFSU of organic plant protection products (except 02 01

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08 and 02 01 09), wood preserving agents (except 03 02) and other biocides

- 07 04 01* aqueous washing liquids and mother liquors
- 07 04 03* organic halogenated solvents, washing liquids and mother liquors
- 07 04 04* other organic solvents, washing liquids and mother liquors
- 07 04 07* halogenated still bottoms and reaction residues
- 07 04 08* other still bottoms and reaction residues
- 07 04 09* halogenated filter cakes and spent absorbents
- 07 04 10* other filter cakes and spent absorbents
- 07 04 11* sludges from on-site effluent treatment containing dangerous substances
- 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
- 07 05 12 sludges from on-site effluent treatment other than those mentioned in 07 05 11
- 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

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- 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

08 04 wastes from MFSU of adhesives and sealants (including waterproofing products)

- 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances
- 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09
- 08 04 11* adhesive and sealant sludges containing organic solvents or other dangerous substances
- 08 04 12 adhesive and sealant sludges other than those mentioned in 08 04 11
- 08 04 13* aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances
- 08 04 14 aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
- 08 04 15* aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
- 08 04 16 aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
- 08 04 17* rosin oil
- 08 04 99 wastes not otherwise specified

08 05 wastes not otherwise specified in 08

- 08 05 01* waste isocyanates

09 WASTES FROM THE PHOTOGRAPHIC INDUSTRY

09 01 wastes from the photographic industry

- 09 01 01* water-based developer and activator solutions
- 09 01 02* water-based offset plate developer solutions
- 09 01 03* solvent-based developer solutions
- 09 01 04* fixer solutions
- 09 01 05* bleach solutions and bleach fixer solutions
- 09 01 06* wastes containing silver from on-site treatment of photographic wastes
- 09 01 07 photographic film and paper containing silver or silver compounds
- 09 01 08 photographic film and paper free of silver or silver compounds
- 09 01 10 single-use cameras without batteries
- 09 01 11* single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03
- 09 01 12 single-use cameras containing batteries other than those mentioned in 09 01 11

09 01 13* aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06

09 01 99 wastes not otherwise specified

10 WASTES FROM THERMAL PROCESSES

10 01 wastes from power stations and other combustion plants (except 19)

10 01 01 bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)

10 01 02 coal fly ash

10 01 03 fly ash from peat and untreated wood

10 01 04* oil fly ash and boiler dust

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

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- 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

10 05 11 dross and skimmings other than those mentioned in 10 05 10

10 05 99 wastes not otherwise specified

10 06 wastes from copper thermal metallurgy

10 06 01 slags from primary and secondary production

10 06 02 dross and skimmings from primary and secondary production

10 06 03* flue-gas dust

10 06 04 other particulates and dust

10 06 06* solid wastes from gas treatment

10 06 07* sludges and filter cakes from gas treatment

10 06 09* wastes from cooling-water treatment containing oil

10 06 10 wastes from cooling-water treatment other than those mentioned in 10 06 09

10 06 99 wastes not otherwise specified

10 07 wastes from silver, gold and platinum thermal metallurgy

10 07 01 slags from primary and secondary production

10 07 02 dross and skimmings from primary and secondary production

10 07 03 solid wastes from gas treatment

10 07 04 other particulates and dust

10 07 05 sludges and filter cakes from gas treatment

10 07 07* wastes from cooling-water treatment containing oil

10 07 08 wastes from cooling-water treatment other than those mentioned in 10 07 07

10 07 99 wastes not otherwise specified

10 08 wastes from other non-ferrous thermal metallurgy

10 08 04 particulates and dust

10 08 08* salt slag from primary and secondary production

10 08 09 other slags

10 08 10* dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities

10 08 11 dross and skimmings other than those mentioned in 10 08 10

Status: This is the original version (as it was originally made).

- 10 08 12* tar-containing wastes from anode manufacture
- 10 08 13 carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
- 10 08 14 anode scrap
- 10 08 15* flue-gas dust containing dangerous substances
- 10 08 16 flue-gas dust other than those mentioned in 10 08 15
- 10 08 17* sludges and filter cakes from flue-gas treatment containing dangerous substances
- 10 08 18 sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17
- 10 08 19* wastes from cooling-water treatment containing oil
- 10 08 20 wastes from cooling-water treatment other than those mentioned in 10 08 19
- 10 08 99 wastes not otherwise specified

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
- 10 11 16 solid wastes from flue-gas treatment other than those mentioned in 10 11 15
- 10 11 17* sludges and filter cakes from flue-gas treatment containing dangerous substances
- 10 11 18 sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17
- 10 11 19* solid wastes from on-site effluent treatment containing dangerous substances
- 10 11 20 solid wastes from on-site effluent treatment other than those mentioned in 10 11 19
- 10 11 99 wastes not otherwise specified

10 12 wastes from manufacture of ceramic goods, bricks, tiles and construction products

- 10 12 01 waste preparation mixture before thermal processing
- 10 12 03 particulates and dust
- 10 12 05 sludges and filter cakes from gas treatment
- 10 12 06 discarded moulds
- 10 12 08 waste ceramics, bricks, tiles and construction products (after thermal processing)
- 10 12 09* solid wastes from gas treatment containing dangerous substances
- 10 12 10 solid wastes from gas treatment other than those mentioned in 10 12 09

Status: This is the original version (as it was originally made).

- 10 12 11* wastes from glazing containing heavy metals
- 10 12 12 wastes from glazing other than those mentioned in 10 12 11
- 10 12 13 sludge from on-site effluent treatment
- 10 12 99 wastes not otherwise specified

10 13 wastes from manufacture of cement, lime and plaster and articles and products made from them

- 10 13 01 waste preparation mixture before thermal processing
- 10 13 04 wastes from calcination and hydration of lime
- 10 13 06 particulates and dust (except 10 13 12 and 10 13 13)
- 10 13 07 sludges and filter cakes from gas treatment
- 10 13 09* wastes from asbestos-cement manufacture containing asbestos
- 10 13 10 wastes from asbestos-cement manufacture other than those mentioned in 10 13 09
- 10 13 11 wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
- 10 13 12* solid wastes from gas treatment containing dangerous substances
- 10 13 13 solid wastes from gas treatment other than those mentioned in 10 13 12
- 10 13 14 waste concrete and concrete sludge
- 10 13 99 wastes not otherwise specified
- 10 14 waste from crematoria
- 10 14 01* waste from gas cleaning containing mercury

11 WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDROMETALLURGY

- 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 zincash
- 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

Status: This is the original version (as it was originally made).

- 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 (1)
- 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

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

(1) For the purpose of this list of wastes, PCBs will be defined as in Directive [96/59/EC](#).

- 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

Status: This is the original version (as it was originally made).

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, 6 06 and 16 08)

- 16 01 03 end-of-life tyres
- 16 01 04* end-of-life vehicles
- 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

16 02 wastes from electrical and electronic equipment

- 16 02 09* transformers and capacitors containing PCBs
- 16 02 10* discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09
- 16 02 11* discarded equipment containing chlorofluorocarbons, HCFC, HFC
- 16 02 12* discarded equipment containing free asbestos
- 16 02 13* discarded equipment containing hazardous components (2) other than those mentioned in 16 02 09 to 16 02 12
- 16 02 14 discarded equipment other than those mentioned in 16 02 09 to 16 02 13
- 16 02 15* hazardous components removed from discarded equipment
- 16 02 16 components removed from discarded equipment other than those mentioned in 16 02 15

16 03 off-specification batches and unused products

- 16 03 03* inorganic wastes containing dangerous substances

(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 03 04 inorganic wastes other than those mentioned in 16 03 03

16 03 05* organic wastes containing dangerous substances

16 03 06 organic wastes other than those mentioned in 16 03 05

16 04 waste explosives

16 04 01* waste ammunition

16 04 02* fireworks wastes

16 04 03* other waste explosives

16 05 gases in pressure containers and discarded chemicals

16 05 04* gases in pressure containers (including halons) containing dangerous substances

16 05 05 gases in pressure containers other than those mentioned in 16 05 04

16 05 06* laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals

16 05 07* discarded inorganic chemicals consisting of or containing dangerous substances

16 05 08* discarded organic chemicals consisting of or containing dangerous substances

16 05 09 discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08

16 06 batteries and accumulators

16 06 01* lead batteries

16 06 02* Ni-Cd batteries

16 06 03* mercury-containing batteries

16 06 04 alkaline batteries (except 16 06 03)

16 06 05 other batteries and accumulators

16 06 06* separately collected electrolyte from batteries and accumulators

16 07 wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)

16 07 08* wastes containing oil

16 07 09* wastes containing other dangerous substances

16 07 99 wastes not otherwise specified

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)

(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.

Status: This is the original version (as it was originally made).

- 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

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 (7)
- 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

(7) As far as the landfilling of waste is concerned, Member States may decide to postpone the entry into force of this entry until the establishment of appropriate measures for the treatment and disposal of waste from construction material containing asbestos. These measures are to be established according to the procedure referred to in Article 17 of Council Directive [1999/31/EC](#) on the landfill of waste (OJ L 182, 16.7.1999, p.1) and shall be adopted by 16 July 2002 at the latest.

Status: This is the original version (as it was originally made).

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
19 01 16 boiler dust other than those mentioned in 19 01 15
19 01 17* pyrolysis wastes containing dangerous substances
19 01 18 pyrolysis wastes other than those mentioned in 19 01 17
19 01 19 sands from fluidised beds
19 01 99 wastes not otherwise specified

19 02 wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)

19 02 03 premixed wastes composed only of non-hazardous wastes
19 02 04* premixed wastes composed of at least one hazardous waste
19 02 05* sludges from physico/chemical treatment containing dangerous substances
19 02 06 sludges from physico/chemical treatment other than those mentioned in 19 02 05
19 02 07* oil and concentrates from separation
19 02 08* liquid combustible wastes containing dangerous substances
19 02 09* solid combustible wastes containing dangerous substances
19 02 10 combustible wastes other than those mentioned in 19 02 08 and 19 02 09
19 02 11* other wastes containing dangerous substances
19 02 99 wastes not otherwise specified

19 03 stabilised/solidified wastes(4)

19 03 04* wastes marked as hazardous, partly (5) stabilised
19 03 05 stabilised wastes other than those mentioned in 19 03 04
19 03 06* wastes marked as hazardous, solidified
19 03 07 solidified wastes other than those mentioned in 19 03 06

19 04 vitrified waste and wastes from vitrification

19 04 01 vitrified waste
19 04 02* fly ash and other flue-gas treatment wastes
19 04 03* non-vitrified solid phase
19 04 04 aqueous liquid wastes from vitrified waste tempering

19 05 wastes from aerobic treatment of solid wastes

19 05 01 non-composted fraction of municipal and similar wastes
19 05 02 non-composted fraction of animal and vegetable waste
19 05 03 off-specification compost
19 05 99 wastes not otherwise specified

19 06 wastes from anaerobic treatment of waste

19 06 03 liquor from anaerobic treatment of municipal waste

(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.

Status: This is the original version (as it was originally made).

- 19 06 04 digestate from anaerobic treatment of municipal waste
- 19 06 05 liquor from anaerobic treatment of animal and vegetable waste
- 19 06 06 digestate from anaerobic treatment of animal and vegetable waste
- 19 06 99 wastes not otherwise specified

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 only 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

Status: This is the original version (as it was originally made).

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 (6)
- 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

(6) 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.

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 06 waste from sewage cleaning

20 03 07 bulky waste

20 03 99 municipal wastes not otherwise specified”