

SCHEDULE 1

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 Decision shall apply. For the

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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](#) (OJ No. 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](#).

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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
- 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

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

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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

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

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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
- 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 basicorganic 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

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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 0108 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

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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 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

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

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- 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

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- 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
- 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

Status: This is the original version (as it was originally made).

- 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
- 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 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

Status: This is the original version (as it was originally made).

- 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⁽¹⁾

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

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

Status: This is the original version (as it was originally made).

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, 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

⁽²⁾ Hazardous components from electrical and electronic equipment may include accumulators and batteries mentioned in 16 06 and marked as

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hazardous; mercury switches, glass from cathode ray tubes and other activated glass, etc.

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

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

⁽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.

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)

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

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⁾

⁽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.”

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

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

- 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⁾

⁽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.

19 03 04* wastes marked as hazardous, partly⁽⁵⁾ stabilised

⁽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 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

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

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

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

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

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

- 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⁾
- ⁽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 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