

## II

(Acts whose publication is not obligatory)

## COMMISSION

## COMMISSION DECISION

of 3 May 2000

**replacing Decision 94/3/EC establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste**

(notified under document number C(2000) 1147)

(Text with EEA relevance)

(2000/532/EC)

THE COMMISSION OF THE EUROPEAN COMMUNITIES,

Having regard to the Treaty establishing the European Community,

Having regard to Council Directive 75/442/EEC of 15 July 1975 on waste <sup>(1)</sup>, as amended by Directive 91/156/EEC <sup>(2)</sup>, and in particular Article 1(a) thereof,

Having regard to Council Directive 91/689/EEC of 12 December 1991 on hazardous waste <sup>(3)</sup>, and in particular Article 1(4), second indent thereof,

Whereas:

- (1) Several Member States have notified a number of waste categories which they consider to display one or more of the properties listed in Annex III to Directive 91/689/EEC.
- (2) Article 1(4) of Directive 91/689/EEC requires the Commission to examine notifications from Member States with a view to amending the list of hazardous wastes laid down in Council Decision 94/904/EC <sup>(4)</sup>.
- (3) Any waste inserted in the list of hazardous wastes must also be included in the European Waste Catalogue laid down in Commission Decision 94/3/EC <sup>(5)</sup>. It is appropriate, in order to increase the transparency of the listing

system and to simplify existing provisions, to establish one Community list which integrates the list of wastes laid down in Decision 94/3/EC and that of hazardous wastes laid down in Decision 94/904/EC.

- (4) The Commission is assisted in this task by the Committee established by Article 18 of Directive 75/442/EEC.
- (5) The measures laid down in this Decision are in accordance with the opinion expressed by the aforementioned Committee,

HAS ADOPTED THIS DECISION:

*Article 1*

The list in the Annex to this Decision is adopted.

*Article 2*

Wastes classified as hazardous are considered to display one or more of the properties listed in Annex III to Directive 91/689/EEC and, as regards H3 to H8, H10 <sup>(6)</sup> and H11 of that Annex, one or more of the following:

<sup>(1)</sup> OJ L 194, 25.7.1975, p. 47.

<sup>(2)</sup> OJ L 78, 26.3.1991, p. 32.

<sup>(3)</sup> OJ L 377, 31.12.1991, p. 20.

<sup>(4)</sup> OJ L 356, 31.12.1994, p. 14.

<sup>(5)</sup> OJ L 5, 7.1.1994, p. 15.

<sup>(6)</sup> In Council Directive 92/32/EEC (OJ L 154, 5.6.1992, p. 1.) amending for the seventh time Directive 67/548/EEC the term 'toxic for reproduction' was introduced. This replaced the term 'teratogenic' and has a more precise definition, without changing the concept. It is therefore the equivalent of H10 in Annex III to Directive 91/689/EEC.

- flash point  $\leq 55$  °C,
- one or more substances classified <sup>(1)</sup> as very toxic at a total concentration  $\geq 0,1$  %,
- one or more substances classified as toxic at a total concentration  $\geq 3$  %,
- one or more substances classified as harmful at a total concentration  $\geq 25$  %,
- one or more corrosive substances classified as R35 at a total concentration  $\geq 1$  %,
- one or more corrosive substances classified as R34 at a total concentration  $\geq 5$  %,
- one or more irritant substances classified as R41 at a total concentration  $\geq 10$  %,
- one or more irritant substances classified as R36, R37, R38 at a total concentration  $\geq 20$  %,
- one or more substances known to be carcinogenic of category 1 or 2 at a total concentration  $\geq 0,1$  %,
- one or more substances toxic for reproduction of category 1 or 2 classified as R60, R61 at a total concentration  $\geq 0,5$  %,
- one or more substances toxic for reproduction of category 3 classified as R62, R63 at a total concentration  $\geq 5$  %,
- one or more mutagenic substances of category 1 or 2 classified as R46 at a total concentration  $\geq 0,1$  %,
- one or more mutagenic substances of category 3 classified as R40 at a total concentration  $\geq 1$  %.

#### Article 3

Member States may decide, in exceptional cases, on the basis of documentary evidence provided in an appropriate way by the holder, that a specific waste indicated in the list as being

hazardous does not display any of the properties listed in Annex III to Directive 91/689/EEC. Without prejudice to Article 1(4), second indent, of Directive 91/689/EEC, Member States may decide, in exceptional cases, that a waste indicated in the list as being non-hazardous displays one or more of the properties listed in Annex III to Directive 91/689/EEC. All such decisions taken by Member States shall be communicated on a yearly basis to the Commission. The Commission shall collate these decisions and examine whether the Community list of wastes and hazardous wastes should be amended in the light of them.

#### Article 4

Member States shall take the measures necessary to comply with this Decision not later than 1 January 2002.

#### Article 5

Decision 94/3/EC and Decision 94/904/EC are repealed with effect from 1 January 2002.

#### Article 6

This Decision is addressed to the Member States.

Done at Brussels, 3 May 2000.

For the Commission

Margot WALLSTRÖM

Member of the Commission

<sup>(1)</sup> The classification as well as the R numbers refer to Council Directive 67/548/EEC of 27 June 1967 on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances (OJ 196, 16.8.1967, p. 1.) and its subsequent amendments. The concentration limits refer to those laid down in Council Directive 88/379/EEC of 7 June 1988 on the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations (OJ L 187, 16.7.1988, p. 14.) and its subsequent amendments.

## 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 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 waste 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). Note that 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.
  - 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 Article 1(4), first indent, of 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 as amended; 'heavy metal' means any compound of antimony, arsenic, cadmium, chromium (VI), copper, lead, mercury, nickel, selenium, tellurium, thallium and tin, including these metals 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 applies. For the characteristics H1, H2, H9 and H12 to H14 Article 2 of the present Decision does not provide specifications at present.
7. 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 Decision 94/3/EC have been used; The codes for waste 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 was not used in Decision 94/3/EC.

## INDEX

**Chapters of the list***Two-digit*

- 01 Wastes resulting from exploration, mining, dressing and further treatment of minerals and quarry
- 02 Wastes from agricultural, horticultural, hunting, fishing and aquacultural primary production, food preparation and processing
- 03 Wastes from wood processing and the production of paper, cardboard, pulp, panels and furniture
- 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 Inorganic wastes from thermal processes
- 11 Inorganic metal-containing wastes from metal treatment and the coating of metals, and non-ferrous hydrometallurgy
- 12 Wastes from shaping and surface treatment of metals and plastics
- 13 Oil wastes (except edible oils, 05 and 12)
- 14 Wastes from organic substances used as solvents (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 road construction)
- 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 treatment facilities, off-site waste water treatment plants and the water industry
- 20 Municipal wastes and similar commercial, industrial and institutional wastes including separately collected fractions

- 01 WASTES RESULTING FROM EXPLORATION, MINING, DRESSING AND FURTHER TREATMENT OF MINERALS AND QUARRY**
- 01 01 Wastes from mineral excavation**
  - 01 01 01 Waste from mineral metalliferous excavation
  - 01 01 02 Waste from mineral non-metalliferous excavation
- 01 02 Wastes from mineral dressing**
  - 01 02 01 Wastes from the dressing of metalliferous minerals
  - 01 02 02 Wastes from the dressing on non-metalliferous minerals
- 01 03 Wastes from further physical and chemical processing of metalliferous minerals**
  - 01 03 01 Tailings
  - 01 03 02 Dusty and powdery waste
  - 01 03 03 Red mud from alumina production
  - 01 03 99 Wastes not otherwise specified
- 01 04 Wastes from further physical and chemical processing on non-metalliferous minerals**
  - 01 04 01 Waste gravel and crushed rocks
  - 01 04 02 Waste sand and clays
  - 01 04 03 Dusy and powdery waste
  - 01 04 04 Waste from potash and rock-salt processing
  - 01 04 05 Waste from washing and cleaning of minerals
  - 01 04 06 Waste from stone cutting and sawing
  - 01 04 99 Waste not otherwise specified
- 01 05 Drilling muds and other drilling wastes**
  - 01 05 01 Oil-containing drilling muds and wastes
  - 01 05 02 Barite-containing drilling muds and wastes
  - 01 05 03 Chloride-containing drilling muds and wastes
  - 01 05 04 Fresh-water drilling muds and wastes
  - 01 05 99 Wastes not otherwise specified
- 02 WASTES FROM AGRICULTURAL, HORTICULTURAL, HUNTING, FISHING AND AQUACULTURAL PRIMARY PRODUCTION, FOOD PREPARATION AND PROCESSING**
- 02 01 Primary production wastes**
  - 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 05\* Agrochemical wastes
  - 02 01 06 Animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site
  - 02 01 07 Waste from forestry exploitation
  - 02 01 99 Waste 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 Material unsuitable for consumption or processing
  - 02 02 04 Sludges from on-site effluent treatment
  - 02 02 99 Waste not otherwise specified
- 02 03 Wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee and tobacco preparation and processing; tobacco processing; conserve production**
  - 02 03 01 Sludges from washing, cleaning, peeling, centrifuging and separation
  - 02 03 02 Waste from preserving agents
  - 02 03 03 Waste 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 Waste from washing, cleaning and mechanical reduction of raw materials
- 02 07 02 Waste from spirits distillation
- 02 07 03 Waste 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 PAPER, CARDBOARD, PULP, PANELS AND FURNITURE**
- 03 01 Wastes from wood processing and the production of panels and furniture**
- 03 01 01 Waste bark and cork
- 03 01 02 Sawdust
- 03 01 03 Shaving, cuttings, spoiled timber/particle board/veneer
- 03 01 99 Wastes not otherwise specified
- 03 02 Wood preservation wastes**
- 03 02 01\* Non-halogenated organic wood preservatives
- 03 02 02\* Organochlorinated wood preservatives
- 03 02 03\* Organometallic wood preservatives
- 03 02 04\* Inorganic wood preservatives
- 03 03 Wastes from pulp, paper and cardboard production and processing**
- 03 03 01 Bark
- 03 03 02 Dregs and green liquor sludges (from black liquor treatment)
- 03 03 03 Bleaching sludges from hypochlorite and chlorine processes
- 03 03 04 Bleaching sludges from other bleaching processes
- 03 03 05 De-inking sludges from paper recycling
- 03 03 06 Fibre and paper sludge
- 03 03 07 Rejects from paper and cardboard recycling
- 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 waste
- 04 01 02 Liming waste
- 04 01 03\* Degreasing waste 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 Waste from dressing and finishing
- 04 01 99 Waste not otherwise specified

**04 02 Wastes from the textile industry**

- 04 02 01 Waste from unprocessed textile fibres and other natural fibrous substances mainly of vegetable origin
- 04 02 02 Waste from unprocessed textile fibres mainly of animal origin
- 04 02 03 Waste from unprocessed textile fibres mainly of artificial or synthetic origin
- 04 02 04 Waste from unprocessed mixed textile fibres before spinning and weaving
- 04 02 05 Waste from processed textile fibres mainly of vegetable origin
- 04 02 06 Waste from processed textile fibres mainly of animal origin
- 04 02 07 Waste from processed fibres mainly of artificial or synthetic origin
- 04 02 08 Waste from processed mixed textile fibres
- 04 02 09 Waste from composite materials (impregnated textile, elastomer, plastomer)
- 04 02 10 Organic matter from natural products (e.g. grease, wax)
- 04 02 14\* Waste from finishing containing organic solvents
- 04 02 15 Waste from finishing other than 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 mentioned in 04 02 19
- 04 02 99 Wastes not otherwise specified

**05 WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL****05 01 Oily sludges and solid wastes**

- 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 Sludges from plant, equipment and maintenance operations
- 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 99 Wastes not otherwise specified

**05 02 Non oily sludges and solid wastes**

- 05 02 01 Boiler feedwater sludges
- 05 02 02 Waste from cooling columns
- 05 02 99 Wastes not otherwise specified

- 05 04 Spent filter clays**
  - 05 04 01\* Spent filter clays
- 05 05 Oil desulphurisation wastes**
  - 05 05 01 Waste containing sulphur
  - 05 05 99 Wastes not otherwise specified
- 05 06 Wastes from the pyrolytic treatment of coal**
  - 05 06 01\* Acid tars
  - 05 06 02 Asphalt
  - 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**
  - 05 07 01\* Sludges containing mercury
  - 05 07 02 Waste containing sulphur
  - 05 07 99 Wastes not otherwise specified
- 05 08 Wastes from oil regeneration**
  - 05 08 01\* Spent filter clays
  - 05 08 02\* Acid tars
  - 05 08 03\* Other tars
  - 05 08 04\* Aqueous liquid waste from oil regeneration
  - 05 08 99 Wastes not otherwise specified
- 06 WASTES FROM INORGANIC CHEMICAL PROCESSES**
  - 06 01 Waste acidic solutions**
    - 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 99\* Wastes not otherwise specified
  - 06 02 Waste alkaline solutions**
    - 06 02 01\* Calcium hydroxide
    - 06 02 02\* Soda
    - 06 02 03\* Ammonia
    - 06 02 99\* Waste salts and their solutions
  - 06 03 Waste salts and their solutions**
    - 06 03 01 Carbonates (except 02 04 02)
    - 06 03 02 Saline solutions containing sulphates, sulphites or sulphides
    - 06 03 03 Solid salts containing sulphates, sulphites or sulphides
    - 06 03 04 Saline solutions containing chlorides, fluorides and halides
    - 06 03 05 Solid salts containing chlorides, fluorides and other halogenated solid salts
    - 06 03 06 Saline solutions containing phosphates and related solid salts
    - 06 03 07 Phosphates and related solid salts
    - 06 03 08 Saline solutions containing nitrates and related compounds
    - 06 03 09 Solid salts containing nitrides (nitrometallic)
    - 06 03 10 Solid salts containing ammonium
    - 06 03 11\* Salts and solutions containing cyanides
    - 06 03 12 Salts and solutions containing organic compounds
    - 06 03 99 Wastes not otherwise specified



- 06 04 Metal-containing wastes**
- 06 04 01 Metallic oxides
  - 06 04 02\* Metallic salts (except 06 03)
  - 06 04 03\* Waste containing arsenic
  - 06 04 04\* Waste containing mercury
  - 06 04 05\* Waste 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 sulphur chemical processes (production and transformation) and desulphurisation processes**
- 06 06 01 Waste containing sulphur
  - 06 06 99 Wastes not otherwise specified
- 06 07 Wastes from halogen chemical processes**
- 06 07 01\* Waste containing asbestos from electrolysis
  - 06 07 02\* Activated carbon from chlorine production
  - 06 07 99 Wastes not otherwise specified
- 06 08 Waste from production of silicon and silicon derivatives**
- 06 08 01 Waste from production of silicon and silicon derivatives
- 06 09 Wastes from phosphorus chemical processes**
- 06 09 01 Phosphogypsum
  - 06 09 02 Phosphorous slag
  - 06 09 99 Wastes not otherwise specified
- 06 10 Waste from nitrogen chemical processes and fertiliser manufacture**
- 06 10 01 Waste from nitrogen chemical processes and fertiliser manufacture
- 06 11 Waste from the manufacture of inorganic pigments and opacifiers**
- 06 11 01 Gypsum from titanium dioxide production
  - 06 11 99 Wastes not otherwise specified
- 06 13 Wastes from other inorganic chemical processes**
- 06 13 01\* Inorganic pesticides, biocides and wood preserving agents
  - 06 13 02\* Spent activated carbon (except 06 07 02)
  - 06 13 03 Carbon black
  - 06 13 04\* Waste from asbestos processing
  - 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, spent absorbents
  - 07 01 10\* Other filter cakes, 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, spent absorbents
- 07 02 10\* Other filter cakes, 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 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, spent absorbents
- 07 03 10\* Other filter cakes, 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 pesticides (except 02 01 05)**

- 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, spent absorbents
- 07 04 10\* Other filter cakes, 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 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, spent absorbents
- 07 05 10\* Other filter cakes, 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 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, spent absorbents
- 07 06 10\* Other filter cakes, 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, spent absorbents
- 07 07 10\* Other filter cakes, 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
- 08 01 17\* Aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
- 08 01 18 Waste 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 01\* Waste ink containing halogenated solvents
- 08 03 02\* Waste ink containing non-halogenated solvents
- 08 03 03 Waste from water-based ink
- 08 03 04 Dried ink

- 08 03 05\* Ink sludges containing halogenated solvents
- 08 03 06\* Ink sludges containing non-halogenated solvents
- 08 03 07 Aqueous sludges containing ink
- 08 03 08 Aqueous liquid waste containing ink
- 08 03 09 Waste printing toner (including cartridges)
- 08 03 10\* Waste organic solvents used for cleaning
- 08 03 11\* Waste etching solutions
- 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
- 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 with 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 99 Wastes not otherwise specified
- 08 05 Wastes not otherwise specified**
- 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\* Waste containing silver from on-site treatment of photographic waste
- 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 99 Wastes not otherwise specified
- 10 INORGANIC WASTES FROM THERMAL PROCESSES**
- 10 01 Wastes from power stations and other combustion plants (except 19)**
- 10 01 01 Bottom ash
- 10 01 02 Coal fly ash
- 10 01 03 Peat and (untreated) wood fly ash
- 10 01 04\* Oil fly ash
- 10 01 05 Calcium-based reaction waste from flue gas desulphurisation in solid form
- 10 01 06 Other solid waste from gas treatment
- 10 01 07 Calcium-based reaction waste from flue gas desulphurisation in sludge form
- 10 01 08 Other sludges from gas treatment
- 10 01 09\* Sulphuric acid
- 10 01 11 Aqueous sludges from boiler cleansing
- 10 01 12 Spent linings and refractories
- 10 01 13\* Fly ash from emulsified hydrocarbons used as fuel
- 10 01 99 Wastes not otherwise specified

**10 02 Wastes from the iron and steel industry**

- 10 02 01 Waste from the processing of slag
- 10 02 02 Unprocessed slag
- 10 02 05 Other sludges
- 10 02 06 Spent linings and refractories
- 10 02 07\* Solid waste from gas treatment of electrical arc furnaces containing dangerous substances
- 10 02 08 Solid waste from gas treatment of electrical arc furnaces other than those mentioned in 10 02 07
- 10 02 09 Solid waste from gas treatment of other iron and steel processes
- 10 02 10 Mill scales
- 10 02 11\* Waste from cooling water treatment containing oil
- 10 02 12 Other waste from cooling water treatment
- 10 02 13\* Sludges from gas treatment containing dangerous substances
- 10 02 14 Sludges from gas treatment other than those mentioned in 10 02 13
- 10 02 99 Wastes not otherwise specified

**10 03 Wastes from aluminium thermal metallurgy**

- 10 03 01\* Tars and other carbon-containing wastes from anode manufacture
- 10 03 02 Anode scraps
- 10 03 04\* Primary smelting slags/white drosses
- 10 03 05 Alumina dust
- 10 03 06 Used carbon strips and fireproof materials from electrolysis
- 10 03 07\* Spent pot linings
- 10 03 08\* Salt slags from secondary smelting
- 10 03 09\* Black drosses from secondary smelting
- 10 03 10\* Waste from treatment of salt slags and black drosses
- 10 03 11 Flue gas dust
- 10 03 12 Other particulates and dust (including ball mill dust)
- 10 03 13 Solid waste from gas treatment
- 10 03 14 Sludges from gas treatment
- 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 99 Wastes not otherwise specified

**10 04 Wastes from lead thermal metallurgy**

- 10 04 01\* Slags (first and second smelting)
- 10 04 02\* Dross and skimmings (first and second smelting)
- 10 04 03\* Calcium arsenate
- 10 04 04\* Flue gas dust
- 10 04 05\* Other particulates and dust
- 10 04 06\* Solid waste from gas treatment
- 10 04 07\* Sludges from gas treatment
- 10 04 08 Spent linings and refractories
- 10 04 99 Wastes not otherwise specified

**10 05 Wastes from zinc thermal metallurgy**

- 10 05 01\* Slags (first and second smelting)
- 10 05 02 Dross and skimmings (first and second smelting)
- 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 from gas treatment
- 10 05 07 Spent linings and refractories
- 10 05 99 Wastes not otherwise specified

- 10 06 Wastes from copper thermal metallurgy**
- 10 06 01 Slags (first and second smelting)
  - 10 06 02 Dross and skimmings (first and second smelting)
  - 10 06 03\* Flue gas dust
  - 10 06 04 Other particulates and dust
  - 10 06 05\* Waste from electrolytic refining
  - 10 06 06\* Solid waste from gas treatment
  - 10 06 07\* Sludges from gas treatment
  - 10 06 08 Spent linings and refractories
  - 10 06 99 Wastes not otherwise specified
- 10 07 Wastes from silver, gold and platinum thermal metallurgy**
- 10 07 01 Slags (first and second smelting)
  - 10 07 02 Dross and skimmings (first and second smelting)
  - 10 07 03 Solid waste from gas treatment
  - 10 07 04 Other particulates and dust
  - 10 07 05 Sludges from gas treatment
  - 10 07 06 Spent linings and refractories
  - 10 07 99 Wastes not otherwise specified
- 10 08 Wastes from other non-ferrous thermal metallurgy**
- 10 08 01 Slags (first and second smelting)
  - 10 08 02 Dross and skimmings (first and second smelting)
  - 10 08 03 Flue gas dust
  - 10 08 04 Other particulates and dust
  - 10 08 05 Solid waste from gas treatment
  - 10 08 06 Sludges from gas treatment
  - 10 08 07 Spent linings and refractories
  - 10 08 99 Wastes not otherwise specified
- 10 09 Wastes from casting of ferrous pieces**
- 10 09 01 Casting cores and moulds containing organic binders which have not undergone pouring
  - 10 09 02 Casting cores and moulds containing organic binders which have undergone pouring
  - 10 09 03 Furnace slag
  - 10 09 04 Furnace dust
  - 10 09 99 Wastes not otherwise specified
- 10 10 Wastes from casting of non-ferrous pieces**
- 10 10 01 Casting cores and moulds containing organic binders which have not undergone pouring
  - 10 10 02 Casting cores and moulds containing organic binders which have undergone pouring
  - 10 10 03 Furnace slag
  - 10 10 04 Furnace dust
  - 10 10 99 Wastes not otherwise specified
- 10 11 Wastes from manufacture of glass and glass products**
- 10 11 01 Waste preparation mixture before thermal processing
  - 10 11 02 Waste glass
  - 10 11 03 Waste glass-based fibrous materials
  - 10 11 04 Flue gas dust
  - 10 11 05 Other particulates and dust
  - 10 11 06 Solid waste from gas treatment
  - 10 11 07 Sludges from gas treatment
  - 10 11 08 Spent linings and refractories
  - 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 02 Flue gas dust
  - 10 12 03 Other particulates and dust
  - 10 12 04 Solid waste from gas treatment
  - 10 12 05 Sludges from gas treatment
  - 10 12 06 Discarded moulds
  - 10 12 07 Spent linings and refractories
  - 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 02 Waste from asbestos-cement manufacture
  - 10 13 03 Waste from other cement-based composite materials
  - 10 13 04 Waste from calcination and hydration of lime
  - 10 13 05 Solid waste from gas treatment
  - 10 13 06 Other particulates and dust
  - 10 13 07 Sludges from gas treatment
  - 10 13 08 Spent linings and refractories
  - 10 13 99 Wastes not otherwise specified
- 11 INORGANIC METAL-CONTAINING WASTES FROM METAL TREATMENT AND THE COATING OF METALS, AND NON-FERROUS HYDROMETALLURGY**
  - 11 01 Liquid wastes and sludges from metal treatment and coating of metals, (e.g. galvanic processes, zinc coating processes, pickling processes, etching, phosphatising, alkaline degreasing)**
    - 11 01 01\* Cyanidic (alkaline) waste containing heavy metals other than chromium
    - 11 01 02\* Cyanidic (alkaline) waste not containing heavy metals
    - 11 01 03\* Cyanide-free wastes containing chromium
    - 11 01 04 Cyanide-free wastes not containing chromium
    - 11 01 05\* Acidic pickling solutions
    - 11 01 06\* Acids not otherwise specified
    - 11 01 07\* Alkalis not otherwise specified
    - 11 01 08\* Phosphatising sludges
  - 11 02 Wastes and sludges from non-ferrous hydrometallurgical processes**
    - 11 02 01 Sludges from copper hydrometallurgy
    - 11 02 02\* Sludges from zinc hydrometallurgy (including jarosite, goethite)
    - 11 02 03 Waste from the production of anodes for aqueous electrolytical processes
    - 11 02 04 Sludges not otherwise specified
  - 11 03 Sludges and solids from tempering processes**
    - 11 03 01\* Waste containing cyanide
    - 11 03 02\* Other wastes
  - 11 04 Other inorganic metal-containing wastes not otherwise specified**
    - 11 04 01 Other inorganic metal-containing wastes not otherwise specified
- 12 WASTES FROM SHAPING AND SURFACE TREATMENT OF METALS AND PLASTICS**
  - 12 01 Wastes from shaping (including forging, welding, pressing, drawing, turning, cutting and filing)**
    - 12 01 01 Ferrous metal filings and turnings
    - 12 01 02 Other ferrous metal particles
    - 12 01 03 Non-ferrous metal filings and turnings
    - 12 01 04 Other non-ferrous metal particles

- 12 01 05 Plastics particles
- 12 01 06\* Waste machining oils containing halogens (except emulsions)
- 12 01 07\* Waste machining oils free of halogens (except emulsions)
- 12 01 08\* Waste machining emulsions containing halogens
- 12 01 09\* Waste machining emulsions free of halogens
- 12 01 10\* Synthetic machining oils
- 12 01 11\* Machining sludges
- 12 01 12\* Spent waxes and fats
- 12 01 13 Welding waste
- 12 01 99 Wastes not otherwise specified
- 12 02 Wastes from mechanical surface treatment processes (blasting, grinding, honing, lapping, polishing)**
- 12 02 01 Spent blasting grit
- 12 02 02 Sludges from grinding, honing and lapping
- 12 02 03 Polishing sludges
- 12 02 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 waste
- 13 OIL WASTES (except edible oils, 05 and 12)**
- 13 01 Waste hydraulic oils and brake fluids**
- 13 01 01\* Hydraulic oils, containing PCBs or PCTs
- 13 01 02\* Other chlorinated hydraulic oils (except emulsions)
- 13 01 03\* Non-chlorinated hydraulic oils (except emulsions)
- 13 01 04\* Chlorinated emulsions
- 13 01 05\* Non-chlorinated emulsions
- 13 01 06\* Hydraulic oils containing only mineral oil
- 13 01 07\* Other hydraulic oils
- 13 01 08\* Brake fluids
- 13 02 Waste engine, gear and lubricating oils**
- 13 02 01\* Chlorinated engine, gear and lubricating oils
- 13 02 02\* Non-chlorinated engine, gear and lubricating oils
- 13 02 03\* Other engine, gear and lubricating oils
- 13 03 Waste insulating and heat transmission oils and other liquids**
- 13 03 01\* Insulating or heat transmission oils and other liquids containing PCBs or PCTs
- 13 03 02\* Other chlorinated insulating and heat transmission oils and other liquids
- 13 03 03\* Non-chlorinated insulating and heat transmission oils and other liquids
- 13 03 04\* Synthetic insulating and heat transmission oils and other liquids
- 13 03 05\* Mineral 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\* Oil/water separator solids
- 13 05 02\* Oil/water separator sludges
- 13 05 03\* Interceptor sludges
- 13 05 04\* Desalter sludges or emulsions
- 13 05 05\* Other emulsions



- 13 06 Oil waste not otherwise specified**
- 13 06 01\* Oil waste not otherwise specified
- 14 WASTES FROM ORGANIC SUBSTANCES USED AS SOLVENTS (except 07 and 08)**
- 14 01 Wastes from metal degreasing and machinery maintenance**
- 14 01 01\* chlorofluorocarbons
- 14 01 02\* other halogenated solvents and solvent mixes
- 14 01 03\* Other solvents and solvent mixes
- 14 01 04\* Aqueous solvent mixes containing halogens
- 14 01 05\* Aqueous solvent mixes free of halogens
- 14 01 06\* Sludges or solid wastes containing halogenated solvents
- 14 01 07\* Sludges or solid wastes free of halogenated solvents
- 14 02 Wastes from textile cleaning and degreasing of natural products**
- 14 02 01\* Halogenated solvents and solvent mixes
- 14 02 02\* Solvent mixes or organic liquids free of halogenated solvents
- 14 02 03\* Sludges or solid waste containing halogenated solvents
- 14 02 04\* Sludges or solid waste containing other solvents
- 14 03 Wastes from the electronic industry**
- 14 03 01\* Chlorofluorocarbons
- 14 03 02\* Other halogenated solvents
- 14 03 03\* Solvents and solvent mixes free of halogenated solvents
- 14 03 04\* Sludges or solid wastes containing halogenated solvents
- 14 03 05\* Sludges or solid wastes containing other solvents
- 14 04 Wastes from coolants, foam/aerosol propellents**
- 14 04 01\* Chlorofluorocarbons
- 14 04 02\* Other halogenated solvents and solvent mixes
- 14 04 03\* Other solvents and solvent mixes
- 14 04 04\* Sludges or solid waste containing halogenated solvents
- 14 04 05\* Sludges or solid waste containing other solvents
- 14 05 Wastes from solvent and coolant recovery (still bottoms)**
- 14 05 01\* Chlorofluorocarbons
- 14 05 02\* Halogenated solvents and solvent mixes
- 14 05 03\* Other solvents and solvent mixes
- 14 05 04\* Sludges containing halogenated solvents
- 14 05 05\* Sludges containing other solvents
- 15 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED**
- 15 01 Packaging**
- 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 08\* Packaging containing residues of or contaminated by dangerous substances

- 15 02 Absorbents, filter materials, wiping cloths and protective clothing**
- 15 02 02\* Absorbents, filter materials, 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 and their components**
- 16 01 03 End-of-life tyres
- 16 01 04 Discarded vehicles
- 16 01 06 End-of-life vehicles, drained of liquids and emptied of other hazardous components
- 16 01 99 Wastes not otherwise specified
- 16 02 Discarded equipment and its components**
- 16 02 09\* Transformers and capacitors containing PCBs or PCTs
- 16 02 10\* Discarded equipment containing or contaminated by PCBs or PCTs other than those mentioned in 16 02 09
- 16 02 11\* Discarded equipment containing chlorofluorocarbons
- 16 02 12\* Discarded equipment containing free asbestos
- 16 02 13\* Discarded equipment containing hazardous components 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**
- 16 03 01 Inorganic off-specification batches
- 16 03 02 Organic off-specification batches
- 16 04 Waste explosives**
- 16 04 01\* Waste ammunition
- 16 04 02\* Fireworks waste
- 16 04 03\* Other waste explosives
- 16 05 Chemicals and gases in containers**
- 16 05 01 Industrial gases in high pressure cylinders, LPG containers and industrial aerosol containers (including halons)
- 16 05 02 Other waste containing inorganic chemicals, e.g. lab chemicals not otherwise specified, fire extinguishing powders
- 16 05 03 Other waste containing organic chemicals, e.g. lab chemicals not otherwise specified
- 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\* Electrolyte from batteries and accumulators
- 16 07 Wastes from transport and storage tank cleaning (except 05 and 12)**
- 16 07 01\* Waste from marine transport tank cleaning, containing chemicals
- 16 07 02\* Waste from marine transport tank cleaning, containing oil
- 16 07 03\* Waste from railway and road transport tank cleaning, containing oil
- 16 07 04\* Waste from railway and road transport tank cleaning, containing chemicals
- 16 07 05\* Waste from storage tank cleaning, containing chemicals
- 16 07 06\* Waste from storage tank cleaning, containing oil
- 16 07 07 Solid waste from ship cargoes
- 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 <sup>(1)</sup> or transition metal compounds
- 16 08 03 Spent catalysts containing other transition metals <sup>(2)</sup> or transition metal compounds (except 16 08 07)
- 16 08 04 Spent fluid catalytic cracking catalysts
- 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

**17 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING ROAD CONSTRUCTION)****17 01 Concrete, bricks, tiles, ceramics, and gypsum-based materials**

- 17 01 01 Concrete
- 17 01 02 Bricks
- 17 01 03 Tiles and ceramics
- 17 01 04 Gypsum-based construction materials
- 17 01 05 Asbestos-based construction materials

**17 02 Wood, glass and plastic**

- 17 02 01 Wood
- 17 02 02 Glass
- 17 02 03 Plastic

**17 03 Asphalt, tar and tarred products**

- 17 03 01 Asphalt containing tar
- 17 03 02 Asphalt not containing tar
- 17 03 03 Tar and tar 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 08 Cables

**17 05 Soil 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 06 Insulation materials**

- 17 06 01\* Insulation materials containing asbestos
- 17 06 02 Other insulation materials

**17 07 Mixed construction and demolition waste**

- 17 07 02\* Mixed construction and demolition waste or separated fractions containing dangerous substances
- 17 07 03 Mixed construction and demolition waste other than those mentioned in 17 07 02

- 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\* Waste whose collection and disposal is subject to special requirements in view of the prevention of infection
- 18 01 04 Waste whose collection and disposal is not subject to special requirements in view of the prevention of infection, (e.g. 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\* Waste whose collection and disposal is subject to special requirements in view of the prevention of infection
- 18 02 03 Waste whose collection and disposal is not subject to special requirements in view of the prevention of 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 TREATMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE WATER INDUSTRY**
- 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 waste from gas treatment and other aqueous liquid waste
- 19 01 07\* Solid waste 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 waste containing dangerous substances
- 19 01 18 Pyrolysis waste other than those mentioned in 19 01 17
- 19 01 99 Wastes not otherwise specified
- 19 02 Wastes from specific physico/chemical treatments of industrial waste, (e.g. dechromatation, decyanidation, neutralisation)**
- 19 02 01\* Metal hydroxide sludges and other sludges from metal insolubilisation treatment
- 19 02 03 Premixed waste composed only of wastes not marked as hazardous
- 19 02 04\* Premixed waste composed of at least one waste marked as hazardous

- 19 03      Stabilised/solidified wastes <sup>(3)</sup>**
- 19 03 04\*    Waste marked as hazardous, partly stabilised <sup>(4)</sup>
- 19 03 05    Stabilised waste other than those mentioned in 19 03 04
- 19 03 06\*    Waste marked as hazardous, solidified
- 19 03 07    Solidified waste 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 waste
- 19 04 03\*    Non-vitrified solid phase
- 19 04 04    Aqueous liquid waste from vitrified waste tempering
- 19 05      Wastes from aerobic treatment of solid wastes**
- 19 05 01    Non-composted fraction of municipal and similar waste
- 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 01    Anaerobic treatment sludges of municipal and similar waste
- 19 06 02    Anaerobic treatment sludges of animal and vegetal waste
- 19 06 99    Wastes not otherwise specified
- 19 07      Landfill leachate**
- 19 07 01    Landfill leachate
- 19 08      Wastes from waste water treatment plants not otherwise specified**
- 19 08 01    Screenings
- 19 08 02    Waste from desanding
- 19 08 03\*    Grease and oil mixture from oil/waste water separation
- 19 08 04    Sludges from the treatment of industrial waste water
- 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 99    Wastes not otherwise specified
- 19 09      Wastes from the preparation of drinking water 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 waste**
- 19 10 01    Iron and steel waste
- 19 10 02    Non-ferrous waste
- 19 10 03\*    Fluff — light fraction containing dangerous substances
- 19 10 04    Fluff — light fraction other than those mentioned in 19 10 03
- 19 10 05\*    Dust and other fractions containing dangerous substances
- 19 10 06    Dust and other fractions other than those mentioned in 19 10 05

<b>20</b>	<b>MUNICIPAL WASTES AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES INCLUDING SEPARATELY COLLECTED FRACTIONS</b>
<b>20 01</b>	<b>Separately collected fractions</b>
20 01 01	Paper and cardboard
20 01 02	Glass
20 01 03	Small plastics
20 01 04	Other plastics
20 01 05	Small metals (cans, etc.)
20 01 06	Other metals
20 01 07	Wood
20 01 08	Organic kitchen 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 22	Aerosols
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 04 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*	Mixed batteries and accumulators containing batteries or accumulators included in 16 06 01, 16 06 02 or 16 06 03
20 01 34	Batteries and accumulators other than those mentioned in 20 01 33
20 01 35*	Discarded equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
20 01 36	Discarded equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
<b>20 02</b>	<b>Garden and park wastes (including cemetery waste)</b>
20 02 01	Compostable waste
20 02 02	Soil and stones
20 02 03	Other non-compostable wastes
<b>20 03</b>	<b>Other municipal wastes</b>
20 03 01	Mixed municipal waste
20 03 02	Waste from markets
20 03 03	Street cleaning residues
20 03 04	Septic tank sludge

(<sup>1</sup>) Transition metals are: scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum, tantalum, rhenium.

(<sup>2</sup>) See footnote 1.

(<sup>3</sup>) 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 by using additives, (e.g. liquid into solid) without changing the chemical properties of the waste.

(<sup>4</sup>) 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 short, middle or long term.