



CODES FOR WASTE - ENGLAND AND WALES

The List of Wastes

Introduction:

Reporting on waste management in the UK is hampered by the scarcity of reliable, complete and up to date data. Since precise measurement of a market is the first step towards providing the services it requires, the quality of your waste management service relies heavily on up to date and complete data on waste collection, recycling and disposal. In addition, evaluations of successful waste management systems in the UK are more effective if the data reported to the Government is accurate and up to date. In order to achieve this a consistent method of classifying wastes is required. In England and Wales the List of Wastes Regulations 2005 provides this consistency, and in Scotland it is achieved by direct reference to the European Waste Catalogue.

For the remainder of this brief guide we shall refer to the List of Wastes (LoW). The LoW contains approximately 800 different waste entries, arranged into chapters and sub-chapters, with a number of similar wastes appearing more than once in each chapter; this can be very confusing. However this is not a list that you can simply open up and pick a code, you must instead follow a strict procedure in order to obtain the correct six digit LoW code.

At Veolia Environmental Services we are keen to ensure that our customers are able to classify

their waste as easily as possible. For this reason, we have designed this booklet containing the full definitions of the LoW codes to assist you in identifying your waste streams in compliance with Duty of Care Regulations.

Veolia Environmental Services' customers requiring further assistance can contact our helpline with any questions they may have on identifying their waste streams correctly. Please call **0845 6060 460** and select the Hazardous/Technical waste option.

Hazardous Waste

Wastes that are assigned LoW codes that are marked with an asterisk [*] are deemed to be hazardous wastes. The LoW also contains entries where one entry is hazardous and the other is non-hazardous, these are often referred to as 'mirror entries'.

e.g. 08 03 12* waste ink containing dangerous substances and 08 03 13 waste ink other than those mentioned in 08 03 12.

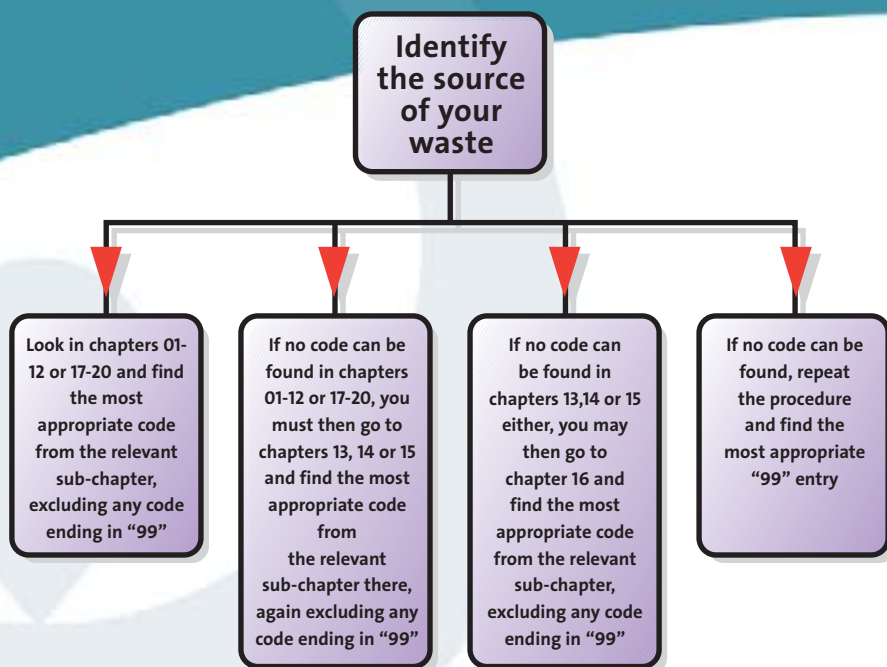
*Please note that ALL codes are six figures.

Legislation

The Duty of Care Regulations have made it a legal requirement for the appropriate six figure code from the LoW (EWC) to be included on the waste transfer note since 31st August 2002.

Selection of a Six Figure EWC Code

The LoW is split into 20 separate chapters, some of which are industry specific and a few that are generic. Use the flow-chart (below, opposite) and the chapter list on the following page to help you select the correct code. You should note that for some industries, such as vehicle manufacturing, there is not a specific chapter. Instead the wastes will be found under the various other chapters of the LoW, for example: chapter 8 for paint wastes, chapter 11 for galvanising wastes and chapter 12 for wastes generated from the various shaping processes involved in the manufacture of vehicle parts.



Chapters of the list:

CHAPTER	DESCRIPTION	PAGE
1 CHAPTER	Wastes resulting from exploration, mining, quarrying and physical and chemical treatment of minerals	6 PAGE
2 CHAPTER	Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing	7 PAGE
3 CHAPTER	Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard	9 PAGE
4 CHAPTER	Wastes from the leather, fur and textile industries	10 PAGE
5 CHAPTER	Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal	11 PAGE
6 CHAPTER	Wastes from inorganic chemical processes	12 PAGE
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9 CHAPTER	Wastes from the photographic industry	21 PAGE
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CHAPTER	DESCRIPTION	PAGE
11 CHAPTER	Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy	29 PAGE
12 CHAPTER	Wastes from shaping and physical and mechanical surface treatment of metals and plastics	30 PAGE
13 CHAPTER	Oil wastes and wastes of liquid fuels (except edible oils, 05 and 12)	31 PAGE
14 CHAPTER	Waste organic solvents, refrigerants and propellants (except 07 and 08)	33 PAGE
15 CHAPTER	Waste packaging; absorbents, wiping cloths, filter materials and protective clothing not otherwise specified	34 PAGE
16 CHAPTER	Wastes not otherwise specified in the list	35 PAGE
17 CHAPTER	Construction and demolition wastes (including excavated soil from contaminated sites)	39 PAGE
18 CHAPTER	Wastes from human or animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care)	41 PAGE
19 CHAPTER	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	42 PAGE
20 CHAPTER	Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions	46 PAGE

1 CHAPTER

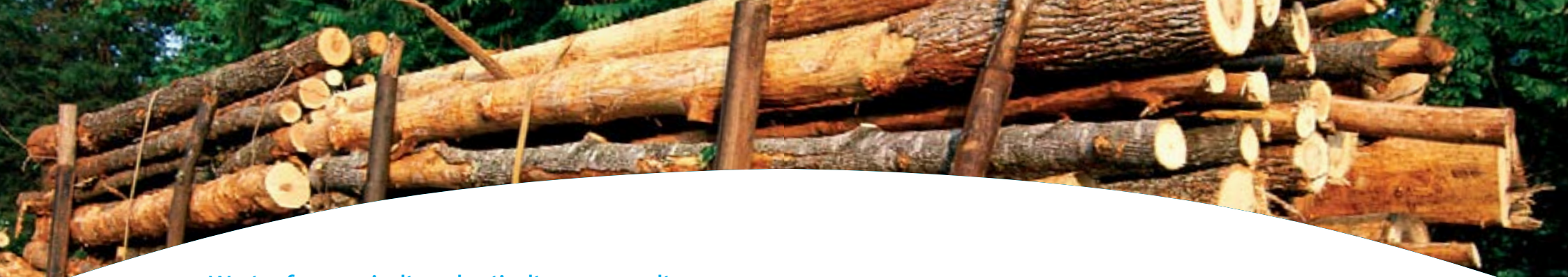
Wastes resulting from exploration, mining, quarrying and physical and chemical treatment of minerals

- 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
01 05 99 wastes not otherwise specified

Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing

2 CHAPTER

- 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



2 CHAPTER

Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing

- 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

3 CHAPTER

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* inorganic wood preservatives
03 02 05* other wood preservatives containing dangerous substances
03 02 99 wood preservatives not otherwise specified
-
- 03 03** **wastes from pulp, paper and cardboard production and processing**
03 03 01 waste bark and wood
03 03 02 green liquor sludge (from recovery of cooking liquor)
03 03 05 de-inking sludges from paper recycling
03 03 07 mechanically separated rejects from pulping of waste paper and cardboard
03 03 08 wastes from sorting of paper and cardboard destined for recycling
03 03 09 lime mud waste
03 03 10 fibre rejects, fibre-, filler- and coating-sludges from mechanical separation
03 03 11 sludges from on-site effluent treatment other than those mentioned in 03 03 10
03 03 99 wastes not otherwise specified

4

CHAPTER

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

Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal

5

CHAPTER

- 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

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CHAPTER

Wastes from inorganic chemical processes

- 06 01** wastes from the manufacture, formulation, supply and use (MFSU) of acids
06 01 01* sulphuric acid and sulphurous acid
06 01 02* hydrochloric acid
06 01 03* hydrofluoric acid
06 01 04* phosphoric and phosphorous acid
06 01 05* nitric acid and nitrous acid
06 01 06* other acids
06 01 99 wastes not otherwise specified
-
- 06 02** wastes from the MFSU of bases
06 02 01* calcium hydroxide
06 02 03* ammonium hydroxide
06 02 04* sodium and potassium hydroxide
06 02 05* other bases
06 02 99 wastes not otherwise specified
-
- 06 03** wastes from the MFSU of salts and their solutions and metallic oxides
06 03 11* solid salts and solutions containing cyanides
06 03 13* solid salts and solutions containing heavy metals
06 03 14 solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
06 03 15* metallic oxides containing heavy metals
06 03 16 metallic oxides other than those mentioned in 06 03 15
06 03 99 wastes not otherwise specified
-
- 06 04** metal-containing wastes other than those mentioned in 06 03
06 04 03* wastes containing arsenic
06 04 04* wastes containing mercury
06 04 05* wastes containing other heavy metals
06 04 99 wastes not otherwise specified

6

CHAPTER

Wastes from inorganic chemical processes

- 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* wastes containing dangerous silicones
06 08 99 wastes not otherwise specified
-
- 06 09** wastes from the MFSU 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

6

CHAPTER

Wastes from inorganic chemical processes

- 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

7

CHAPTER

Wastes from organic chemical processes

- 07 01** wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
- 07 01 01*** aqueous washing liquids and mother liquors
- 07 01 03*** organic halogenated solvents, washing liquids and mother liquors
- 07 01 04*** other organic solvents, washing liquids and mother liquors
- 07 01 07*** halogenated still bottoms and reaction residues
- 07 01 08*** other still bottoms and reaction residues
- 07 01 09*** halogenated filter cakes and spent absorbents
- 07 01 10*** other filter cakes and spent absorbents
- 07 01 11*** sludges from on-site effluent treatment containing dangerous substances
- 07 01 12** sludges from on-site effluent treatment other than those mentioned in 07 01 11
- 07 01 99** wastes not otherwise specified
-
- 07 02** wastes from the MFSU of plastics, synthetic rubber and man-made fibres
- 07 02 01*** aqueous washing liquids and mother liquors
- 07 02 03*** organic halogenated solvents, washing liquids and mother liquors
- 07 02 04*** other organic solvents, washing liquids and mother liquors
- 07 02 07*** halogenated still bottoms and reaction residues
- 07 02 08*** other still bottoms and reaction residues
- 07 02 09*** halogenated filter cakes and spent absorbents
- 07 02 10*** other filter cakes and spent absorbents
- 07 02 11*** sludges from on-site effluent treatment containing dangerous substances
- 07 02 12** sludges from on-site effluent treatment other than those mentioned in 07 02 11
- 07 02 13** waste plastic
- 07 02 14*** wastes from additives containing dangerous substances
- 07 02 15** wastes from additives other than those mentioned in 07 02 14
- 07 02 16*** wastes containing dangerous silicones
- 07 02 17** wastes containing silicones other than those mentioned in 07 02 16
- 07 02 99** wastes not otherwise specified

7 CHAPTER

Wastes from organic chemical processes

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

07 04 wastes from the MFSU of organic plant protection products (except 02 01 08 and 02 01 09), wood preserving agents (except 03 02) and other biocides

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

Wastes from organic chemical processes

7 CHAPTER

- 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

7 CHAPTER

Wastes from organic chemical processes

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

Wastes from the manufacture, formulation, supply and use (mfsu) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks

8 CHAPTER

08 01	wastes from MFSU and removal of paint and varnish
08 01 11*	waste paint and varnish containing organic solvents or other dangerous substances
08 01 12	waste paint and varnish other than those mentioned in 08 01 11
08 01 13*	sludges from paint or varnish containing organic solvents or other dangerous substances
08 01 14	sludges from paint or varnish other than those mentioned in 08 01 13
08 01 15*	aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances
08 01 16	aqueous sludges containing paint or varnish other than those mentioned in 08 01 15
08 01 17*	wastes from paint or varnish removal containing organic solvents or other dangerous substances
08 01 18	wastes from paint or varnish removal other than those mentioned in 08 01 17
08 01 19*	aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
08 01 21*	waste paint or varnish remover
08 01 99	wastes not otherwise specified
08 02	wastes from MFSU of other coatings (including ceramic materials)
08 02 01	waste coating powders
08 02 02	aqueous sludges containing ceramic materials
08 02 03	aqueous suspensions containing ceramic materials
08 02 99	wastes not otherwise specified

8

CHAPTER

Wastes from the manufacture, formulation, supply and use (mfsu) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks

- 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

9

CHAPTER

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 CHAPTER

Wastes from thermal processes

- 10 01 wastes from power stations and other combustion plants (except 19)**
- 10 01 01 bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
 - 10 01 02 coal fly ash
 - 10 01 03 fly ash from peat and untreated wood
 - 10 01 04* oil fly ash and boiler dust
 - 10 01 05 calcium-based reaction wastes from flue-gas desulphurisation in solid form
 - 10 01 07 calcium-based reaction wastes from flue-gas desulphurisation in sludge form
 - 10 01 09* sulphuric acid
 - 10 01 13* fly ash from emulsified hydrocarbons used as fuel
 - 10 01 14* bottom ash, slag and boiler dust from co-incineration containing dangerous substances
 - 10 01 15 bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
 - 10 01 16* fly ash from co-incineration containing dangerous substances
 - 10 01 17 fly ash from co-incineration other than those mentioned in 10 01 16
 - 10 01 18* wastes from gas cleaning containing dangerous substances
 - 10 01 19 wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
 - 10 01 20* sludges from on-site effluent treatment containing dangerous substances
 - 10 01 21 sludges from on-site effluent treatment other than those mentioned in 10 01 20
 - 10 01 22* aqueous sludges from boiler cleansing containing dangerous substances
 - 10 01 23 aqueous sludges from boiler cleansing other than those mentioned in 10 01 22
 - 10 01 24 sands from fluidised beds
 - 10 01 25 wastes from fuel storage and preparation of coal-fired power plants
 - 10 01 26 wastes from cooling-water treatment
 - 10 01 99 wastes not otherwise specified
-
- 10 02 wastes from the iron and steel industry**
- 10 02 01 wastes from the processing of slag
 - 10 02 02 unprocessed slag
 - 10 02 07* solid wastes from gas treatment containing dangerous substances
 - 10 02 08 solid wastes from gas treatment other than those mentioned in 10 02 07
 - 10 02 10 mill scales
 - 10 02 11* wastes from cooling-water treatment containing oil
 - 10 02 12 wastes from cooling-water treatment other than those mentioned in 10 02 11
 - 10 02 13* sludges and filter cakes from gas treatment containing dangerous substances
 - 10 02 14 sludges and filter cakes from gas treatment other than those mentioned in 10 02 13
 - 10 02 15 other sludges and filter cakes
 - 10 02 99 wastes not otherwise specified

10 CHAPTER

Wastes from thermal processes

- 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 CHAPTER

Wastes from thermal processes

- 10 04 wastes from lead thermal metallurgy**
10 04 01* slags from primary and secondary production
10 04 02* dross and skimmings from primary and secondary production
10 04 03* calcium arsenate
10 04 04* flue-gas dust
10 04 05* other particulates and dust
10 04 06* solid wastes from gas treatment
10 04 07* sludges and filter cakes from gas treatment
10 04 09* wastes from cooling-water treatment containing oil
10 04 10 wastes from cooling-water treatment other than those mentioned in 10 04 09
10 04 99 wastes not otherwise specified
- 10 05 wastes from zinc thermal metallurgy**
10 05 01 slags from primary and secondary production
10 05 03* flue-gas dust
10 05 04 other particulates and dust
10 05 05* solid waste from gas treatment
10 05 06* sludges and filter cakes from gas treatment
10 05 08* wastes from cooling-water treatment containing oil
10 05 09 wastes from cooling-water treatment other than those mentioned in 10 05 08
10 05 10* dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities
10 05 11 dross and skimmings other than those mentioned in 10 05 10
10 05 99 wastes not otherwise specified
- 10 06 wastes from copper thermal metallurgy**
10 06 01 slags from primary and secondary production
10 06 02 dross and skimmings from primary and secondary production
10 06 03* flue-gas dust
10 06 04 other particulates and dust
10 06 06* solid wastes from gas treatment
10 06 07* sludges and filter cakes from gas treatment
10 06 09* wastes from cooling-water treatment containing oil
10 06 10 wastes from cooling-water treatment other than those mentioned in 10 06 09
10 06 99 wastes not otherwise specified

10 CHAPTER

Wastes from thermal processes

- 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 CHAPTER

Wastes from thermal processes

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

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

10 CHAPTER

Wastes from thermal processes

- 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 CHAPTER

Wastes from thermal processes

- 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 07 sludges and filter cakes from gas treatment
 - 10 13 09* wastes from asbestos-cement manufacture containing asbestos
 - 10 13 10 wastes from asbestos-cement manufacture other than those mentioned in 10 13 09
 - 10 13 11 wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
 - 10 13 12* solid wastes from gas treatment containing dangerous substances
 - 10 13 13 solid wastes from gas treatment other than those mentioned in 10 13 12
 - 10 13 14 waste concrete and concrete sludge
 - 10 13 99 wastes not otherwise specified
- 10 14 waste from crematoria**
- 10 14 01* waste from gas cleaning containing mercury

Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy

11 CHAPTER

- 11 01 wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)**
- 11 01 05* pickling acids
 - 11 01 06* acids not otherwise specified
 - 11 01 07* pickling bases
 - 11 01 08* phosphatising sludges
 - 11 01 09* sludges and filter cakes containing dangerous substances
 - 11 01 10 sludges and filter cakes other than those mentioned in 11 01 09
 - 11 01 11* aqueous rinsing liquids containing dangerous substances
 - 11 01 12 aqueous rinsing liquids other than those mentioned in 11 01 11
 - 11 01 13* degreasing wastes containing dangerous substances
 - 11 01 14 degreasing wastes other than those mentioned in 11 01 13
 - 11 01 15* eluate and sludges from membrane systems or ion exchange systems containing dangerous substances
 - 11 01 16* saturated or spent ion exchange resins
 - 11 01 98* other wastes containing dangerous substances
 - 11 01 99 wastes not otherwise specified
- 11 02 wastes from non-ferrous hydrometallurgical processes**
- 11 02 02* sludges from zinc hydrometallurgy (including jarosite, goethite)
 - 11 02 03 wastes from the production of anodes for aqueous electrolytical processes
 - 11 02 05* wastes from copper hydrometallurgical processes containing dangerous substances
 - 11 02 06 wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
 - 11 02 07* other wastes containing dangerous substances
 - 11 02 99 wastes not otherwise specified
- 11 03 sludges and solids from tempering processes**
- 11 03 01* wastes containing cyanide
 - 11 03 02* other wastes
- 11 05 wastes from hot galvanising processes**
- 11 05 01 hard zinc
 - 11 05 02 zinc ash
 - 11 05 03* solid wastes from gas treatment
 - 11 05 04* spent flux
 - 11 05 99 wastes not otherwise specified

12 CHAPTER

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

Oil wastes and wastes of liquid fuels (except edible oils, 05 and 12)

13 CHAPTER

- 13 01** **waste hydraulic oils**
- 13 01 01* hydraulic oils, containing PCBs ⁽¹⁾
 - 13 01 04* chlorinated emulsions
 - 13 01 05* non-chlorinated emulsions
 - 13 01 09* mineral-based chlorinated hydraulic oils
 - 13 01 10* mineral-based non-chlorinated hydraulic oils
 - 13 01 11* synthetic hydraulic oils
 - 13 01 12* readily biodegradable hydraulic oils
 - 13 01 13* other hydraulic oils
-
- 13 02** **waste engine, gear and lubricating oils**
- 13 02 04* mineral-based chlorinated engine, gear and lubricating oils
 - 13 02 05* mineral-based non-chlorinated engine, gear and lubricating oils
 - 13 02 06* synthetic engine, gear and lubricating oils
 - 13 02 07* readily biodegradable engine, gear and lubricating oils
 - 13 02 08* other engine, gear and lubricating oils
-
- 13 03** **waste insulating and heat transmission oils**
- 13 03 01* insulating or heat transmission oils containing PCBs
 - 13 03 06* mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
 - 13 03 07* mineral-based non-chlorinated insulating and heat transmission oils
 - 13 03 08* synthetic insulating and heat transmission oils
 - 13 03 09* readily biodegradable insulating and heat transmission oils
 - 13 03 10* other insulating and heat transmission oils
-
- 13 04** **bilge oils**
- 13 04 01* bilge oils from inland navigation
 - 13 04 02* bilge oils from jetty sewers
 - 13 04 03* bilge oils from other navigation

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

13 CHAPTER

Oil wastes and wastes of liquid fuels (except edible oils, 05 and 12))

- 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

Waste organic solvents, refrigerants and propellants (except 07 and 08)

14 CHAPTER

- 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 CHAPTER

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 CHAPTER

Wastes not otherwise specified in the list

- 16 01** end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
- 16 01 03 end-of-life tyres
 - 16 01 04* 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

CHAPTER

Wastes not otherwise specified in the list

- 16 02** **wastes from electrical and electronic equipment**
16 02 09* transformers and capacitors containing PCBs
16 02 10* discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09
16 02 11* discarded equipment containing chlorofluorocarbons, HCFC, HFC
16 02 12* discarded equipment containing free asbestos
16 02 13* discarded equipment containing hazardous components⁽²⁾ other than those mentioned in 16 02 09 to 16 02 12
16 02 14 discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 15* hazardous components removed from discarded equipment
16 02 16 components removed from discarded equipment other than those mentioned in 16 02 15
- 16 03** **off-specification batches and unused products**
16 03 03* inorganic wastes containing dangerous substances
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

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

16

CHAPTER

Wastes not otherwise specified in the list

- 16 06** **batteries and accumulators**
16 06 01* lead batteries
16 06 02* Ni-Cd batteries
16 06 03* mercury-containing batteries
16 06 04 alkaline batteries (except 16 06 03)
16 06 05 other batteries and accumulators
16 06 06* separately collected electrolyte from batteries and accumulators
- 16 07** **wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)**
16 07 08* wastes containing oil
16 07 09* wastes containing other dangerous substances
16 07 99 wastes not otherwise specified
- 16 08** **spent catalysts**
16 08 01 spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)
16 08 02* spent catalysts containing dangerous transition metals⁽³⁾ or dangerous transition metal compounds
16 08 03 spent catalysts containing transition metals or transition metal compounds not otherwise specified
16 08 04 spent fluid catalytic cracking catalysts (except 16 08 07)
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

(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 CHAPTER

Wastes not otherwise specified in the list

- 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 other 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 other than those mentioned in 16 11 05

Construction and demolition wastes (including excavated soil from contaminated sites)

17 CHAPTER

- 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 CHAPTER

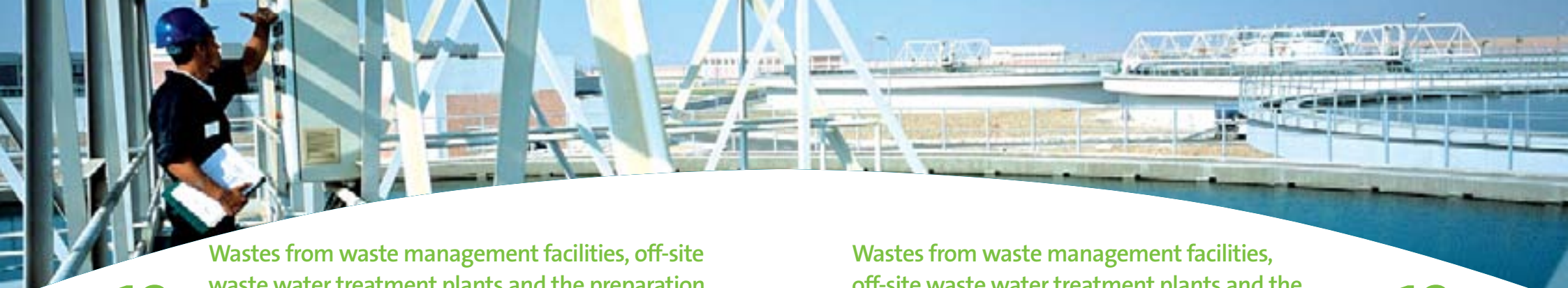
Construction and demolition wastes (including excavated soil from contaminated sites)

- 17 05** soil (including excavated soil from contaminated sites), stones and dredging spoil
- 17 05 03*** soil and stones containing dangerous substances
- 17 05 04** soil and stones other than those mentioned in 17 05 03
- 17 05 05*** dredging spoil containing dangerous substances
- 17 05 06** dredging spoil other than those mentioned in 17 05 05
- 17 05 07*** track ballast containing dangerous substances
- 17 05 08** track ballast other than those mentioned in 17 05 07
-
- 17 06** insulation materials and asbestos-containing construction materials
- 17 06 01*** insulation materials containing asbestos
- 17 06 03*** other insulation materials consisting of or containing dangerous substances
- 17 06 04** insulation materials other than those mentioned in 17 06 01 and 17 06 03
- 17 06 05*** construction materials containing asbestos
-
- 17 08** gypsum-based construction material
- 17 08 01*** gypsum-based construction materials contaminated with dangerous substances
- 17 08 02** gypsum-based construction materials other than those mentioned in 17 08 01
-
- 17 09** other construction and demolition wastes
- 17 09 01*** construction and demolition wastes containing mercury
- 17 09 02*** construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)
- 17 09 03*** other construction and demolition wastes (including mixed wastes) containing dangerous substances
- 17 09 04** mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

Wastes from human or animal health care and/or related research (except kitchen and restaurant wastes not arising from immediate health care)

18 CHAPTER

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



19 CHAPTER

Wastes from waste management facilities, off-site waste water treatment plants and the preparation of water intended for human consumption and water for industrial use

- 19 01** wastes from incineration or pyrolysis of waste
- 19 01 02** ferrous materials removed from bottom ash
- 19 01 05*** filter cake from gas treatment
- 19 01 06*** aqueous liquid wastes from gas treatment and other aqueous liquid wastes
- 19 01 07*** solid wastes from gas treatment
- 19 01 10*** spent activated carbon from flue-gas treatment
- 19 01 11*** bottom ash and slag containing dangerous substances
- 19 01 12** bottom ash and slag other than those mentioned in 19 01 11
- 19 01 13*** fly ash containing dangerous substances
- 19 01 14** fly ash other than those mentioned in 19 01 13
- 19 01 15*** boiler dust containing dangerous substances
- 19 01 16** boiler dust other than those mentioned in 19 01 15
- 19 01 17*** pyrolysis wastes containing dangerous substances
- 19 01 18** pyrolysis wastes other than those mentioned in 19 01 17
- 19 01 19** sands from fluidised beds
- 19 01 99** wastes not otherwise specified
-
- 19 02** wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)
- 19 02 03** premixed wastes composed only of non-hazardous wastes
- 19 02 04*** premixed wastes composed of at least one hazardous waste
- 19 02 05*** sludges from physico/chemical treatment containing dangerous substances
- 19 02 06** sludges from physico/chemical treatment other than those mentioned in 19 02 05
- 19 02 07*** oil and concentrates from separation
- 19 02 08*** liquid combustible wastes containing dangerous substances
- 19 02 09*** solid combustible wastes containing dangerous substances
- 19 02 10** combustible wastes other than those mentioned in 19 02 08 and 19 02 09
- 19 02 11*** other wastes containing dangerous substances
- 19 02 99** wastes not otherwise specified
-
- 19 03** stabilised/solidified wastes⁽⁴⁾
- 19 03 04*** wastes marked as hazardous, partly⁽⁵⁾ stabilised
- 19 03 05** stabilised wastes other than those mentioned in 19 03 04
- 19 03 06*** wastes marked as hazardous, solidified
- 19 03 07** solidified wastes other than those mentioned in 19 03 06

19 CHAPTER

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 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
- 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

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

(5) A waste is considered as partly stabilised if, after the stabilisation process, dangerous constituents which have not been changed completely into non-dangerous constituents could be released into the environment in the short, middle or long term.

19 CHAPTER

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 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

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 CHAPTER

- 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 CHAPTER

Municipal Wastes (Household Waste and Similar Commercial, Industrial and Institutional Wastes) Including Separately Collected Fractions

20 01	separately collected fractions (except 15 01)
20 01 01	paper and cardboard
20 01 02	glass
20 01 08	biodegradable kitchen and canteen waste
20 01 10	clothes
20 01 11	textiles
20 01 13*	solvents
20 01 14*	acids
20 01 15*	alkalines
20 01 17*	photochemicals
20 01 19*	pesticides
20 01 21*	fluorescent tubes and other mercury-containing waste
20 01 23*	discarded equipment containing chlorofluorocarbons
20 01 25	edible oil and fat
20 01 26*	oil and fat other than those mentioned in 20 01 25
20 01 27*	paint, inks, adhesives and resins containing dangerous substances
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 29*	detergents containing dangerous substances
20 01 30	detergents other than those mentioned in 20 01 29
20 01 31*	cytotoxic and cytostatic medicines
20 01 32	medicines other than those mentioned in 20 01 31
20 01 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries
20 01 34	batteries and accumulators other than those mentioned in 20 01 33
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components ⁽⁶⁾
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 37*	wood containing dangerous substances
20 01 38	wood other than that mentioned in 20 01 37
20 01 39	plastics
20 01 40	metals
20 01 41	wastes from chimney sweeping
20 01 99	other fractions not otherwise specified

(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.

Municipal Wastes (Household Waste and Similar Commercial, Industrial and Institutional Wastes) Including Separately Collected Fractions

20 CHAPTER

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

