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► **B** REGULATION (EC) No 2150/2002 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

of 25 November 2002

on waste statistics

(Text with EEA relevance)

(OJ L 332, 9.12.2002, p. 1)

Amended by:

|                    |                                                                                                | Official Journal |      |            |
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|                    |                                                                                                | No               | page | date       |
| ► <b><u>M1</u></b> | Commission Regulation (EC) No 574/2004 of 23 February 2004                                     | L 90             | 15   | 27.3.2004  |
| ► <b><u>M2</u></b> | Commission Regulation (EC) No 783/2005 of 24 May 2005                                          | L 131            | 38   | 25.5.2005  |
| ► <b><u>M3</u></b> | Regulation (EC) No 1893/2006 of the European Parliament and of the Council of 20 December 2006 | L 393            | 1    | 30.12.2006 |



**REGULATION (EC) No 2150/2002 OF THE EUROPEAN  
PARLIAMENT AND OF THE COUNCIL**

**of 25 November 2002**

**on waste statistics**

**(Text with EEA relevance)**

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty establishing the European Community, and in particular Article 285 thereof,

Having regard to the proposals from the Commission <sup>(1)</sup>,

Having regard to the opinion of the Economic and Social Committee <sup>(2)</sup>,

Acting in accordance with the procedure laid down in Article 251 of the Treaty <sup>(3)</sup>,

Whereas:

- (1) Regular Community statistics on the production and management of waste from businesses and private households are required by the Community for monitoring the implementation of waste policy. This creates the basis for monitoring compliance with the principles of maximisation of recovery and safe disposal. Statistical instruments are still required, however, for assessing compliance with the principle of waste prevention and to establish a link between waste generation data and global, national and regional inventories of resource use.
- (2) The terms for the description of waste and waste management need to be defined in order to ensure the comparability of results in waste statistics.
- (3) Community waste policy has led to the establishment of a set of principles to be followed by waste-producing units and waste management. This requires the monitoring of waste at different points of the waste-stream generation, collection, recovery and disposal.
- (4) Council Regulation (EC) No 322/97 of 17 February 1997 on Community statistics <sup>(4)</sup>.
- (5) To guarantee comparable results, waste statistics should be produced in accordance with the specified breakdown, in an appropriate form and within a fixed period of time from the end of the reference year.
- (6) Since the objective of the proposed measure, namely to establish a framework for the production of Community statistics on the generation, recovery and disposal of waste, cannot be sufficiently achieved by the Member States, by reason of the need to define terms of description of waste and waste management so as to ensure the comparability of the statistics supplied by the Member States, and can therefore be better achieved at Community level, the Community may adopt measures in accordance with the

<sup>(1)</sup> OJ C 87, 29.3.1999, p. 22, OJ C 180 E, 26.6.2001, p. 202 and amended proposal of 10 December 2001 (not yet published in the Official Journal).

<sup>(2)</sup> OJ C 329, 17.11.1999, p. 17.

<sup>(3)</sup> Opinion of the European Parliament of 4 September 2001 (OJ C 72 E, 21.3.2002, p. 32), Council Common Position of 15 April 2002 (OJ C 145 E, 18.6.2002, p. 85) and Decision of the European Parliament of 4 July 2002 (not yet published in the Official Journal), Decision of the Council of 14 November 2002.

<sup>(4)</sup> OJ L 52, 22.2.1997, p. 1 constitutes the reference framework for the provisions of this Regulation.

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principle of subsidiarity as set out in Article 5 of the Treaty. In accordance with the principle of proportionality, as set out in that Article, this Regulation does not go beyond what is necessary in order to achieve the objective of the proposed measure.

- (7) Member States may need a transitional period for the establishment of their statistics on waste for all or some of the economic activities A, B and G to Q of ►**M3** NACE Rev. 2 ◀ as established by Council Regulation (EEC) No 3037/90 of 9 October 1990 on the statistical classification of economic activities in the European Community <sup>(1)</sup> for which their national statistical system requires major adaptations.
- (8) The measures necessary for the implementation of this Regulation should be adopted in accordance with Council Decision 1999/468/EC of 28 June 1999 laying down the procedures for the exercise of implementing powers conferred on the Commission <sup>(2)</sup>.
- (9) The Statistical Programme Committee has been consulted by the Commission,

HAVE ADOPTED THIS REGULATION:

*Article 1*

**Objective**

1. The objective of this Regulation is to establish a framework for the production of Community statistics on the generation, recovery and disposal of waste.
2. Member States and the Commission, within their respective fields of competence, shall produce Community statistics on the generation, recovery and disposal of waste, excluding radioactive waste, which is already covered by other legislation.
3. The statistics shall cover the following areas:
  - (a) Generation of waste according to Annex I;
  - (b) Recovery and disposal of waste according to Annex II;
  - (c) After the pilot studies according to Article 5: import and export of waste for which no data is collected under Council Regulation (EEC) No 259/93 of 1 February 1993 on the supervision and control of shipments of waste within, into and out of the European Community <sup>(3)</sup>, in accordance with Annex III.
4. In compiling the statistics, Member States and the Commission shall observe the mainly substance-oriented statistical nomenclature, as set out in Annex III.
5. The Commission shall, in accordance with the procedure referred to in Article 7(2), establish a table of equivalence between the statistical nomenclature of Annex III and the list of waste established by Commission Decision 2000/532/EC <sup>(4)</sup>.

<sup>(1)</sup> OJ L 293, 24.10.1990, p. 1. Regulation as last amended by Commission Regulation (EC) No 29/2002 (OJ L 6, 10.1.2002, p. 3).

<sup>(2)</sup> OJ L 184, 17.7.1999, p. 23.

<sup>(3)</sup> OJ L 30, 6.2.1993, p. 1. Regulation as last amended by Commission Regulation (EC) No 2557/2001 (OJ L 349, 31.12.2001, p. 1).

<sup>(4)</sup> OJ L 226, 6.9.2000, p. 3. Decision as last amended by Council Decision 2001/573/EC (OJ L 203, 28.7.2001, p. 18).

**▼B***Article 2***Definitions**

For the purposes and within the framework of this Regulation:

- (a) 'waste' shall mean any substance or object as defined in Article 1(a) of Council Directive 75/442/EEC of 15 July 1975 on waste <sup>(1)</sup>;
- (b) 'separately collected fractions of waste' shall mean household and similar waste, selectively collected in homogeneous fractions by public services, non-profit organisations and private enterprises acting in the field of organised waste collection;
- (c) 'recycling' shall have the same meaning as in the definition given in Article 3(7) of European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste <sup>(2)</sup>;
- (d) 'recovery' shall mean any of the operations provided for in Annex II.B to Directive 75/442/EEC;
- (e) 'disposal' shall mean any of the operations provided for in Annex II.A to Directive 75/442/EEC;
- (f) 'recovery or disposal facility' shall mean a facility that requires a permit or registration pursuant to Articles 9, 10 or 11 of Directive 75/442/EC;
- (g) 'hazardous waste' shall mean any waste as defined in Article 1(4) of Council Directive 91/689/EEC of 12 December 1991 on hazardous waste <sup>(3)</sup>;
- (h) 'non-hazardous waste' shall mean waste which is not covered by point (g);
- (i) 'incineration' shall mean thermal treatment of waste in an incineration plant as defined in Article 3(4) or a co-incineration plant as defined in Article 3(5) of Directive 2000/76/EC of the European Parliament and of the Council of 4 December 2000 on the incineration of waste <sup>(4)</sup>;
- (j) 'landfill' shall mean a waste disposal site as defined in Article 2(g) of Council Directive 1999/31/EC of 26 April 1999 on the landfill of waste <sup>(5)</sup>;
- (k) 'capacity of waste incineration facilities' shall mean the maximum capacity to incinerate waste, in tonnes per annum or in gigajoules;
- (l) 'capacity of waste recycling facilities' shall mean the maximum capacity to recycle waste, in tonnes per annum;
- (m) 'capacity of landfills' shall mean the remaining capacity (at the end of the data reference year) of the landfill facility to dispose of waste in the future, measured in cubic metres;
- (n) 'capacity of other disposal facilities' shall mean the capacity of the facility to dispose of waste, measured in tonnes per annum.

<sup>(1)</sup> OJ L 194, 25.7.1975, p. 39. Directive as last amended by Commission Decision 96/350/EC (OJ L 135, 6.6.1996, p. 32).

<sup>(2)</sup> OJ L 365, 31.12.1994, p. 10.

<sup>(3)</sup> OJ L 377, 31.12.1991, p. 20. Directive as amended by Directive 94/31/EC (OJ L 168, 2.7.1994, p. 28).

<sup>(4)</sup> OJ L 332, 28.12.2000, p. 91.

<sup>(5)</sup> OJ L 182, 16.7.1999, p. 1.

**▼B***Article 3***Collection of data**

1. Member States shall, whilst complying with conditions as to quality and accuracy to be defined in accordance with the procedure referred to in Article 7(2), acquire the data necessary for the specification of the characteristics listed in Annexes I and II by means either of:

- surveys,
- administrative or other sources, such as the reporting obligations under Community legislation on waste management,
- statistical estimation procedures on the basis of samples or waste-related estimators, or
- a combination of these means.

In order to reduce response burdens, the national authorities and the Commission shall, subject to the limits and the conditions fixed by each Member State and by the Commission in their respective fields of competence, have access to administrative data sources.

2. In order to reduce the administrative burden on small enterprises, enterprises of less than 10 employees shall be excluded from surveys, unless they contribute significantly to the generation of waste.

3. Member States shall produce statistical results, following the breakdown set out in Annexes I and II.

4. The exclusion referred to in paragraph 2 must be consistent with the coverage and quality objectives as referred to in Section 7(1) of Annexes I and II.

5. Member States shall transmit the results, including confidential data, to Eurostat in an appropriate format and within a set period of time from the end of the respective reference periods, as laid down in Annexes I and II.

6. The treatment of confidential data and the transmission of such data as provided for in paragraph 5 shall be carried out in accordance with the existing Community provisions governing statistical confidentiality.

*Article 4***Transitional period**

1. During a transitional period the Commission may, at the request of a Member State and in accordance with the procedure referred to in Article 7(2), grant derogations from the provisions of Section 5 of Annexes I and II. This transitional period may not exceed:

- (a) two years after the entry into force of this Regulation, for the production of results relating to Section 8(1)(1), Item 16 (Services activities) of Annex I and to Section 8(2) of Annex II;
- (b) three years after the entry into force of this Regulation, for the production of results relating to Section 8(1)(1), Items 1 (Agriculture, hunting and forestry) and 2 (Fisheries) of Annex I.

2. The derogations referred to in paragraph 1 can be granted to individual Member States only for the data of the first reference year.

3. The Commission shall draw up a programme for pilot studies on waste from the economic activities referred to in paragraph 1(b) to be carried out by the Member States. The pilot studies shall aim to develop a methodology to obtain regular data which shall be governed by the principles of Community statistics, as laid down in Article 10 of Regulation (EC) No 322/97.

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The Commission shall finance up to 100 % of the costs for conducting the pilot studies. On the basis of the conclusions of the pilot studies, the Commission shall adopt the necessary implementing measures in accordance with the procedure referred to in Article 7(2).

*Article 5***Import and export of waste**

1. The Commission shall draw up a programme for pilot studies on the import and export of waste to be carried out by Member States. The pilot studies shall aim at developing a methodology to obtain regular data which shall be governed by the principles of Community statistics, as laid down in Article 10 of Regulation (EC) No 322/97.
2. The Commission programme for pilot studies shall be consistent with the contents of Annexes I and II, particularly the aspects related to the scope and coverage of wastes, waste categories for the classification of waste, reference years and periodicity, taking into account the reporting obligations under Regulation (EEC) No 259/93.
3. The Commission shall finance up to 100 % of the costs for conducting the pilot studies.
4. On the basis of the conclusions of the pilot studies, the Commission shall inform the European Parliament and the Council of the possibilities of compiling statistics for the activities and characteristics covered by the pilot studies for import and export of waste. The Commission shall adopt the necessary implementation measures in accordance with the procedure referred to in Article 7(2).
5. The pilot studies shall be conducted at the latest within three years after the entry into force of this Regulation.

*Article 6***Implementation measures**

The measures necessary for the implementation of this Regulation, shall be adopted in accordance with the procedure referred to in Article 7(2). These shall include measures:

- (a) for adjustment to economic and technical developments in the collection and statistical processing of data, as well as the processing and the transmission of results;
- (b) for adaptation of the specifications listed in Annexes I, II and III;
- (c) for the production of results in accordance with Article 3(2), (3) and (4), taking into account the economic structures and technical conditions in a Member State; such measures may allow an individual Member State not to report certain items in the breakdown, provided the impact on the quality of the statistics is proven to be limited. In all cases where exemptions are given, the total amount of waste for each item listed in sections 2(1) and 8(1) of Annex I shall be compiled;
- (d) for the definition of the proper quality evaluation criteria and the contents of the quality reports as referred to in Section 7 of Annexes I and II;
- (e) for setting out the appropriate format for the transmission of results by Member States within two years from the date of entry into force of this Regulation;
- (f) for compiling the list for granting transitional periods and derogations to Member States, as specified in Article 4;
- (g) for implementation of the results of the pilot studies, as specified in Article 4(3) and Article 5(1).

*Article 7***Committee procedure**

1. The Commission shall be assisted by the Statistical Programme Committee established by Council Decision 89/382/EEC, Euratom <sup>(1)</sup>.
2. Where reference is made to this paragraph, Articles 5 and 7 of Decision 1999/468/EC shall apply, having regard to the provisions of Article 8 thereof.  
  
The period laid down in Article 5(6) of Decision 1999/468/EC shall be set at three months.
3. The Committee shall adopt its rules of procedure.
4. The Commission shall transmit to the Committee set up by Directive 75/442/EEC the draft measures that it intends to submit to the Statistical Programme Committee.

*Article 8***Report**

1. The Commission shall, within five years after the date of entry into force of this Regulation and every three years thereafter, submit a report to the European Parliament and the Council on the statistics compiled pursuant to this Regulation and in particular on their quality and the burden on businesses.
2. The Commission shall, within two years after the date of entry into force of this Regulation, submit to the European Parliament and the Council a proposal abolishing overlapping reporting obligations.
3. The Commission shall, within two years after the entry into force of this Regulation, submit to the European Parliament and the Council a report on the progress of the pilot studies referred to in Article 4(3) and Article 5(1). If necessary, it shall propose revisions of the pilot studies, to be decided upon in accordance with the procedure referred to in Article 7(2).

*Article 9***Entry into force**

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Communities*.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

<sup>(1)</sup> OJ L 181, 28.6.1989, p. 47.

**▼ B***ANNEX I***GENERATION OF WASTE****▼ M3**

## SECTION 1

**Coverage**

The statistics are to be compiled for all activities classified within the coverage of Section A to U of NACE Rev. 2. These Sections cover all economic activities.

This Annex also covers:

- (a) waste generated by households;
- (b) waste arising from recovery and/or disposal operations.

**▼ M1**

## SECTION 2

**Waste categories**

1. Statistics on the following waste categories are to be produced:

| Aggregates list    |      |                                   |                               |
|--------------------|------|-----------------------------------|-------------------------------|
| EWC-Stat/Version 3 |      |                                   |                               |
| Item No            | Code | Description                       | Hazardous/Non-hazardous waste |
| 1                  | 01.1 | Spent solvents                    | Hazardous                     |
| 2                  | 01.2 | Acid, alkaline or saline wastes   | Non-hazardous                 |
| 3                  | 01.2 | Acid, alkaline or saline wastes   | Hazardous                     |
| 4                  | 01.3 | Used oils                         | Hazardous                     |
| 5                  | 01.4 | Spent chemical catalysts          | Non-hazardous                 |
| 6                  | 01.4 | Spent chemical catalysts          | Hazardous                     |
| 7                  | 02   | Chemical preparation wastes       | Non-hazardous                 |
| 8                  | 02   | Chemical preparation wastes       | Hazardous                     |
| 9                  | 03.1 | Chemical deposits and residues    | Non-hazardous                 |
| 10                 | 03.1 | Chemical deposits and residues    | Hazardous                     |
| 11                 | 03.2 | Industrial effluent sludges       | Non-hazardous                 |
| 12                 | 03.2 | Industrial effluent sludges       | Hazardous                     |
| 13                 | 05   | Health care and biological wastes | Non-hazardous                 |
| 14                 | 05   | Health care and biological wastes | Hazardous                     |
| 15                 | 06   | Metallic wastes                   | Non-hazardous                 |
| 16                 | 06   | Metallic wastes                   | Hazardous                     |
| 17                 | 07.1 | Glass wastes                      | Non-hazardous                 |
| 18                 | 07.1 | Glass wastes                      | Hazardous                     |



## ▼M1

| Aggregates list    |                           |                                                                                                                                    |                               |
|--------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| EWC-Stat/Version 3 |                           |                                                                                                                                    |                               |
| Item No            | Code                      | Description                                                                                                                        | Hazardous/Non-hazardous waste |
| 19                 | 07.2                      | Paper and cardboard wastes                                                                                                         | Non-hazardous                 |
| 20                 | 07.3                      | Rubber wastes                                                                                                                      | Non-hazardous                 |
| 21                 | 07.4                      | Plastic wastes                                                                                                                     | Non-hazardous                 |
| 22                 | 07.5                      | Wood wastes                                                                                                                        | Non-hazardous                 |
| 23                 | 07.5                      | Wood wastes                                                                                                                        | Hazardous                     |
| 24                 | 07.6                      | Textile wastes                                                                                                                     | Non-hazardous                 |
| 25                 | 07.7                      | Waste containing PCB                                                                                                               | Hazardous                     |
| 26                 | 08                        | Discarded equipment                                                                                                                | Non-hazardous                 |
| 27                 | 08                        | Discarded equipment                                                                                                                | Hazardous                     |
| 28                 | 08.1                      | Discarded vehicles                                                                                                                 | Non-hazardous                 |
| 29                 | 08.1                      | Discarded vehicles                                                                                                                 | Hazardous                     |
| 30                 | 08.41                     | Batteries and accumulators wastes                                                                                                  | Non-hazardous                 |
| 31                 | 08.41                     | Batteries and accumulators wastes                                                                                                  | Hazardous                     |
| 32                 | 09                        | Animal and vegetal wastes (excluding animal waste of food preparation and products; and excluding animal faeces, urine and manure) | Non-hazardous                 |
| 33                 | 09.11                     | Animal waste of food preparation and products                                                                                      | Non-hazardous                 |
| 34                 | 09.3                      | Animal faeces, urine and manure                                                                                                    | Non-hazardous                 |
| 35                 | 10.1                      | Household and similar wastes                                                                                                       | Non-hazardous                 |
| 36                 | 10.2                      | Mixed and undifferentiated materials                                                                                               | Non-hazardous                 |
| 37                 | 10.2                      | Mixed and undifferentiated materials                                                                                               | Hazardous                     |
| 38                 | 10.3                      | Sorting residues                                                                                                                   | Non-hazardous                 |
| 39                 | 10.3                      | Sorting residues                                                                                                                   | Hazardous                     |
| 40                 | 11                        | Common sludges (excluding dredging spoils)                                                                                         | Non-hazardous                 |
| 41                 | 11.3                      | Dredging spoils                                                                                                                    | Non-hazardous                 |
| 42                 | 12.1 + 12.2 + 12.3 + 12.5 | Mineral wastes (excluding combustion wastes, contaminated soils and polluted dredging spoils)                                      | Non-hazardous                 |
| 43                 | 12.1 + 12.2 + 12.3 + 12.5 | Mineral wastes (excluding combustion wastes, contaminated soils and polluted dredging spoils)                                      | Hazardous                     |
| 44                 | 12.4                      | Combustion wastes                                                                                                                  | Non-hazardous                 |

**▼M1**

| Aggregates list    |      |                                                 |                               |
|--------------------|------|-------------------------------------------------|-------------------------------|
| EWC-Stat/Version 3 |      |                                                 |                               |
| Item No            | Code | Description                                     | Hazardous/Non-hazardous waste |
| 45                 | 12.4 | Combustion wastes                               | Hazardous                     |
| 46                 | 12.6 | Contaminated soils and polluted dredging spoils | Hazardous                     |
| 47                 | 13   | Solidified, stabilised or vitrified wastes      | Non-hazardous                 |
| 48                 | 13   | Solidified, stabilised or vitrified wastes      | Hazardous                     |

**▼B**

- In accordance with the reporting obligation under Directive 94/62/EC, the Commission will draw up a programme for pilot studies to be carried out on a voluntary basis by Member States in order to assess the relevance of including packaging waste entries (EWC-Stat Version 2) in the breakdown list set out in point 1. The Commission will finance up to 100 % of the costs for these pilot studies. On the basis of the conclusions of these pilot studies, the Commission will adopt the necessary implementation measures in accordance with the procedure referred to in Article 7(2) of this Regulation.

## SECTION 3

**Characteristics**

- Characteristics for the waste categories:  
For each waste category listed in Section 2(1), the quantity of waste generated will be compiled.
- Regionale characteristics:  
Population or dwellings served by a collection scheme for mixed household and similar waste (NUTS 2 level).

## SECTION 4

**Reporting unit**

- The reporting unit to be used for all waste categories is 1 000 tonnes of (normal) wet waste. For the waste categories 'sludge' an additional figure for dry matter should be provided.
- The reporting unit for regional characteristics should be the percentage of the population or dwellings.

## SECTION 5

**First reference year and periodicity**

- The first reference year is the second calendar year following the entry into force of this Regulation.
- Member States shall furnish data for every second year after the first reference year.

## SECTION 6

**Transmission of results to Eurostat**

The results are to be transmitted within 18 months of the end of the reference year.

**▼B**

## SECTION 7

**Report on the coverage and quality of statistics**

1. For each item listed in Section 8 (activities and households), Member States will indicate the percentage to which the compiled statistics represent the universe of waste of the respective item. The minimum requirement for the coverage will be defined in accordance with the procedure referred to in Article 7(2) of this Regulation.
2. Member States will submit a quality report, indicating the degree of precision for the collected data. A description will be given on the estimations, aggregations or exclusions, and the way these procedures affect the distribution of waste categories, listed in Section 2(1) by economic activities and households, as referred to in Section 8.
3. The Commission will include the coverage and quality reports in the report provided for in Article 8 of this Regulation.

## SECTION 8

**Production of results**

1. The results for the characteristics listed in Section 3(1), are to be compiled for:

**▼M3**

- 1.1. the following items, as described in terms of NACE Rev. 2:

| Item No | NACE Rev. 2 code | Description                                                                                                                     |
|---------|------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 1       | Division 01      | Crop and animal production, hunting and related service activities                                                              |
|         | Division 02      | Forestry and logging                                                                                                            |
| 2       | Division 03      | Fishing and aquaculture                                                                                                         |
| 3       | Section B        | Mining and quarrying                                                                                                            |
| 4       | Division 10      | Manufacture of food products                                                                                                    |
|         | Division 11      | Manufacture of beverages                                                                                                        |
|         | Division 12      | Manufacture of tobacco products                                                                                                 |
| 5       | Division 13      | Manufacture of textiles                                                                                                         |
|         | Division 14      | Manufacture of wearing apparel                                                                                                  |
|         | Division 15      | Manufacture of leather and related products                                                                                     |
| 6       | Division 16      | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials |
| 7       | Division 17      | Manufacture of paper and paper products                                                                                         |
|         | Division 18      | Printing and reproduction of recorded media                                                                                     |
| 8       | Division 19      | Manufacture of coke and refined petroleum products                                                                              |
| 9       | Division 20      | Manufacture of chemicals and chemical products                                                                                  |
|         | Division 21      | Manufacture of basic pharmaceutical products and pharmaceutical preparations                                                    |
|         | Division 22      | Manufacture of rubber and plastic products                                                                                      |
| 10      | Division 23      | Manufacture of other non-metallic mineral products                                                                              |
| 11      | Division 24      | Manufacture of basic metals                                                                                                     |
|         | Division 25      | Manufacture of fabricated metal products, except machinery and equipment                                                        |
| 12      | Division 26      | Manufacture of computer, electronic and optical products                                                                        |
|         | Division 27      | Manufacture of electrical equipment                                                                                             |
|         | Division 28      | Manufacture of machinery and equipment n.e.c.                                                                                   |
|         | Division 29      | Manufacture of motor vehicles, trailers and semi-trailers                                                                       |

▼ **M3**

| Item No | NACE Rev. 2 code        | Description                                                                                                                |
|---------|-------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 13      | Division 30             | Manufacture of other transport equipment                                                                                   |
|         | Division 31             | Manufacture of furniture                                                                                                   |
|         | Division 32             | Other manufacturing                                                                                                        |
| 14      | Division 33             | Repair and installation of machinery and equipment                                                                         |
|         | Section D               | Electricity, gas, steam and air conditioning supply                                                                        |
| 15      | Division 36             | Water collection, treatment and supply                                                                                     |
|         | Division 37             | Sewerage                                                                                                                   |
|         | Division 39             | Remediation activities and other waste management services                                                                 |
| 16      | Division 38             | Waste collection, treatment and disposal activities; materials recovery                                                    |
| 17      | Section F               | Construction                                                                                                               |
| 18      | Service activities:     |                                                                                                                            |
|         | Section G, except 46.77 | Wholesale and retail trade; repair of motor vehicles and motorcycles                                                       |
|         | Section H               | Transportation and storage                                                                                                 |
|         | Section I               | Accommodation and food service activities                                                                                  |
|         | Section J               | Information and communication                                                                                              |
|         | Section K               | Financial and insurance activities                                                                                         |
|         | Section L               | Real estate activities                                                                                                     |
|         | Section M               | Professional, scientific and technical activities                                                                          |
|         | Section N               | Administrative and support service activities                                                                              |
|         | Section O               | Public administration and defence; compulsory social security                                                              |
|         | Section P               | Education                                                                                                                  |
|         | Section Q               | Human health and social work activities                                                                                    |
|         | Section R               | Arts, entertainment and recreation                                                                                         |
|         | Section S               | Other service activities                                                                                                   |
|         | Section T               | Activities of households as employers; undifferentiated goods- and services-producing activities of households for own use |
|         | Section U               | Activities of extraterritorial organisations and bodies                                                                    |
| 19      | Class 46.77             | Wholesale of waste and scrap                                                                                               |

▼ **B**

## 1.2. households

|    |  |                               |
|----|--|-------------------------------|
| 20 |  | Waste generated by households |
|----|--|-------------------------------|

2. For economic activities, statistical units are local units or kind-of-activity units, as defined in Council Regulation (EEC) No 696/93 of 15 March 1993 on the statistical units for the observation and analysis of the production system in the Community <sup>(1)</sup>, according to each Member State's statistical system.

In the quality report, to be produced under Section 7, a description of how the chosen statistical unit affects the groupings of ► **M3** NACE Rev. 2 ◀ data distribution should be included.

<sup>(1)</sup> OJ L 76, 30.3.1993, p. 2. Regulation amended by the 1994 Act of Accession.

**▼ B***ANNEX II***RECOVERY AND DISPOSAL OF WASTE**

## SECTION 1

**Coverage**

1. The statistics are to be compiled for all recovery and disposal facilities which run any of the operations referred to in Section 8(2) and which belong to or are part of the economic activities according to the groupings of ► **M3** NACE Rev. 2 ◀, mentioned in Annex I, Section 8(1.1).
2. Facilities whose waste treatment activities are limited to the recycling of waste on the site where the waste was generated, are not covered by this Annex.

**▼ M2**

## SECTION 2

**Waste categories**

The list of waste categories for which the statistics are to be compiled, according to the recovery or disposal operations as referred to in section 8(2), are the following:

| Incineration |                             |                                                                                                                                                                         |                               |
|--------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Item No      | EWC-Stat Version 3          |                                                                                                                                                                         | Hazardous/Non-hazardous waste |
|              | Code                        | Description                                                                                                                                                             |                               |
| 1            | 01 + 02 + 03                | Chemical wastes<br>(Chemical compound waste + Chemical preparation wastes + Other chemical wastes)                                                                      | Non-hazardous                 |
| 2            | 01 + 02 + 03 excl. 01.3     | Chemical wastes excluding Used oils<br>(Chemical compound waste + Chemical preparation wastes + Other chemical wastes)                                                  | Hazardous                     |
| 3            | 01.3                        | Used oils                                                                                                                                                               | Hazardous                     |
| 4            | 05                          | Health care and biological wastes                                                                                                                                       | Non-hazardous                 |
| 5            | 05                          | Health care and biological wastes                                                                                                                                       | Hazardous                     |
| 6            | 07.7                        | Waste containing PCB                                                                                                                                                    | Hazardous                     |
| 7            | 10.1                        | Household and similar wastes                                                                                                                                            | Non-hazardous                 |
| 8            | 10.2                        | Mixed and undifferentiated materials                                                                                                                                    | Non-hazardous                 |
| 9            | 10.2                        | Mixed and undifferentiated materials                                                                                                                                    | Hazardous                     |
| 10           | 10.3                        | Sorting residues                                                                                                                                                        | Non-hazardous                 |
| 11           | 10.3                        | Sorting residues                                                                                                                                                        | Hazardous                     |
| 12           | 11                          | Common sludges                                                                                                                                                          | Non-hazardous                 |
| 13           | 06 + 07 + 08 + 09 + 12 + 13 | Other wastes<br>(Metallic wastes + Non-metallic wastes + Discarded equipment + Animal and vegetal wastes + Mineral wastes + Solidified, stabilised or vitrified wastes) | Non-hazardous                 |

## ▼M2

| Incineration |                                                 |                                                                                                                                                                                                                      |                               |
|--------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Item No      | EWC-Stat Version 3                              |                                                                                                                                                                                                                      | Hazardous/Non-hazardous waste |
|              | Code                                            | Description                                                                                                                                                                                                          |                               |
| 14           | 06 + 07 +<br>08 + 09 +<br>12 + 13<br>excl. 07.7 | Other wastes<br>(Metallic wastes + Non-metallic wastes<br>excluding Waste containing PCB +<br>Discarded equipment + Animal and<br>vegetal wastes + Mineral wastes + Soli-<br>dified, stabilised or vitrified wastes) | Hazardous                     |

Operations which may lead to recovery  
(excluding energy recovery)

| Operations which may lead to recovery<br>(excluding energy recovery) |                                                |                                                                                                                                                                                                                                                                 |                               |
|----------------------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Item No                                                              | EWC-Stat Version 3                             |                                                                                                                                                                                                                                                                 | Hazardous/Non-hazardous waste |
|                                                                      | Code                                           | Description                                                                                                                                                                                                                                                     |                               |
| 1                                                                    | 01.3                                           | Used oils                                                                                                                                                                                                                                                       | Hazardous                     |
| 2                                                                    | 06                                             | Metallic wastes                                                                                                                                                                                                                                                 | Non-hazardous                 |
| 3                                                                    | 06                                             | Metallic wastes                                                                                                                                                                                                                                                 | Hazardous                     |
| 4                                                                    | 07.1                                           | Glass wastes                                                                                                                                                                                                                                                    | Non-hazardous                 |
| 5                                                                    | 07.1                                           | Glass wastes                                                                                                                                                                                                                                                    | Hazardous                     |
| 6                                                                    | 07.2                                           | Paper and cardboard wastes                                                                                                                                                                                                                                      | Non-hazardous                 |
| 7                                                                    | 07.3                                           | Rubber wastes                                                                                                                                                                                                                                                   | Non-hazardous                 |
| 8                                                                    | 07.4                                           | Plastic wastes                                                                                                                                                                                                                                                  | Non-hazardous                 |
| 9                                                                    | 07.5                                           | Wood wastes                                                                                                                                                                                                                                                     | Non-hazardous                 |
| 10                                                                   | 07.6                                           | Textile wastes                                                                                                                                                                                                                                                  | Non-hazardous                 |
| 11                                                                   | 09 excl.<br>09.11, 09.3                        | Animal and vegetal wastes<br>(excluding animal waste of food<br>preparation and products; and animal<br>faeces, urine and manure)                                                                                                                               | Non-hazardous                 |
| 12                                                                   | 09.11                                          | Animal waste of food preparation and<br>products                                                                                                                                                                                                                | Non-hazardous                 |
| 13                                                                   | 09.3                                           | Animal faeces, urine and manure                                                                                                                                                                                                                                 | Non-hazardous                 |
| 14                                                                   | 12                                             | Mineral waste                                                                                                                                                                                                                                                   | Non-hazardous                 |
| 15                                                                   | 12                                             | Mineral waste                                                                                                                                                                                                                                                   | Hazardous                     |
| 16                                                                   | 01 + 02 +<br>03 + 05 +<br>08 + 10 +<br>11 + 13 | Other wastes<br>(Chemical compound wastes + Chemical<br>preparation wastes + Other chemical<br>wastes + Health care and biological<br>wastes + Discarded equipment + Mixed<br>ordinary wastes + Common sludges +<br>Solidified, stabilised or vitrified wastes) | Non-hazardous                 |

## ▼M2

| Operations which may lead to recovery<br>(excluding energy recovery) |                                                                               |                                                                                                                                                                                                                                                                                                                                |                               |
|----------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Item No                                                              | EWC-Stat Version 3                                                            |                                                                                                                                                                                                                                                                                                                                | Hazardous/Non-hazardous waste |
|                                                                      | Code                                                                          | Description                                                                                                                                                                                                                                                                                                                    |                               |
| 17                                                                   | 01 + 02 +<br>03 + 05 +<br>07.5 + 07.7<br>+ 08 + 10 +<br>11 + 13<br>excl. 01.3 | Other wastes<br>(Chemical compound wastes excluding<br>Used oils + Chemical preparation wastes<br>+ Other chemical wastes + Health care<br>and biological wastes + Wood wastes +<br>Waste containing PCB + Discarded<br>equipment + Mixed ordinary wastes +<br>Common sludges + Solidified, stabilised<br>or vitrified wastes) | Hazardous                     |

| Disposal (other than incineration) |                               |                                                                                                                                   |                               |
|------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Item No                            | EWC-Stat Version 3            |                                                                                                                                   | Hazardous/Non-hazardous waste |
|                                    | Code                          | Description                                                                                                                       |                               |
| 1                                  | 01 + 02 +<br>03               | Chemical wastes<br>(Chemical compound waste + Chemical<br>preparation wastes + Other chemical<br>wastes)                          | Non-hazardous                 |
| 2                                  | 01 + 02 +<br>03 excl.<br>01.3 | Chemical wastes excluding Used oils<br>(Chemical compound waste + Chemical<br>preparation wastes + Other chemical<br>wastes)      | Hazardous                     |
| 3                                  | 01.3                          | Used oils                                                                                                                         | Hazardous                     |
| 4                                  | 09 excl.<br>09.11, 09.3       | Animal and vegetal wastes<br>(excluding animal waste of food<br>preparation and products; and animal<br>faeces, urine and manure) | Non-hazardous                 |
| 5                                  | 09.11                         | Animal waste of food preparation and<br>products                                                                                  | Non-hazardous                 |
| 6                                  | 09.3                          | Animal faeces, urine and manure                                                                                                   | Non-hazardous                 |
| 7                                  | 10.1                          | Household and similar wastes                                                                                                      | Non-hazardous                 |
| 8                                  | 10.2                          | Mixed and undifferentiated materials                                                                                              | Non-hazardous                 |
| 9                                  | 10.2                          | Mixed and undifferentiated materials                                                                                              | Hazardous                     |
| 10                                 | 10.3                          | Sorting residues                                                                                                                  | Non-hazardous                 |
| 11                                 | 10.3                          | Sorting residues                                                                                                                  | Hazardous                     |
| 12                                 | 11                            | Common sludges                                                                                                                    | Non-hazardous                 |
| 13                                 | 12                            | Mineral wastes                                                                                                                    | Non-hazardous                 |
| 14                                 | 12                            | Mineral wastes                                                                                                                    | Hazardous                     |

**▼ M2**

| Disposal (other than incineration) |                              |                                                                                                                                                                         |                               |
|------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Item No                            | EWC-Stat Version 3           |                                                                                                                                                                         | Hazardous/Non-hazardous waste |
|                                    | Code                         | Description                                                                                                                                                             |                               |
| 15                                 | 05 + 06 +<br>07 + 08 +<br>13 | Other wastes<br>(Health care and biological wastes +<br>Metallic wastes + Non-metallic wastes +<br>Discarded equipment + Solidified,<br>stabilised or vitrified wastes) | Non-hazardous                 |
| 16                                 | 05 + 06 +<br>07 + 08 +<br>13 | Other wastes<br>(Health care and biological wastes +<br>Metallic wastes + Non-metallic wastes +<br>Discarded equipment + Solidified,<br>stabilised or vitrified wastes) | Hazardous                     |

**▼ B**

## SECTION 3

**Characteristics**

The characteristics, for which the statistics are to be compiled on recovery and disposal operations, as referred to in Section 8(2) are set out in the table below.

| Number and capacity of recovery and disposal operations per region  |                                                                                                                                                                                         |
|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item No                                                             | Description                                                                                                                                                                             |
| 1                                                                   | Number of operation facilities, NUTS 2 level                                                                                                                                            |
| 2                                                                   | Capacity in units according to the operations, NUTS 2 level                                                                                                                             |
| Waste treated per recovery and disposal operation, including import |                                                                                                                                                                                         |
| 3                                                                   | Total quantities of waste treated, by the operation specific waste categories listed in Section 2, excluding recycling of waste on the site where the waste was generated, NUTS 1 level |

## SECTION 4

**Reporting unit**

The reporting unit to be used for all waste categories is 1 000 tonnes of (normal) wet waste. For the waste categories 'sludge' an additional figure for dry matter should be provided.

## SECTION 5

**First reference year and periodicity**

1. The first reference year is the second calendar year following the entry into force of this Regulation.
2. Member States shall furnish data for every second year, after the first reference year, for the facilities which are referred to in Section 8(2).

## SECTION 6

**Transmission of results to Eurostat**

The results are to be transmitted within 18 months of the end of the reference year.





## SECTION 7

**Report on the coverage and quality of statistics**

1. For the characteristics listed in Section 3, and for each item amongst the types of operations listed in Section 8(2) Member States will indicate the percentage to which the compiled statistics represent the universe of waste of the respective item. The minimum requirement for the coverage will be defined in accordance with the procedure referred to in Article 7(2) of this Regulation.
2. For the characteristics listed in Section 3 Member States will submit a quality report, indicating the degree of precision of the collected data.
3. The Commission will include the coverage and quality reports in the report provided for in Article 8 of this Regulation.

## SECTION 8

**Production of results**

1. The results are to be compiled for each item amongst the types of operations listed in Section 8(2), according to the characteristics as referred to in Section 3.
2. List of Recovery and Disposal Operations; the codes refer to the codes in the Annexes to Directive 75/442/EEC:

| Item No                                                           | Code  | Types of recovery and disposal operations                                                                                                       |
|-------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Incineration                                                      |       |                                                                                                                                                 |
| 1                                                                 | R1    | Use principally as a fuel or other means to generate energy                                                                                     |
| 2                                                                 | D10   | Incineration on land                                                                                                                            |
| Operations which may lead to recovery (excluding energy recovery) |       |                                                                                                                                                 |
| 3                                                                 | R2 +  | Solvent reclamation/regeneration                                                                                                                |
|                                                                   | R3 +  | Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes) |
|                                                                   | R4 +  | Recycling/reclamation of metals and metal compounds                                                                                             |
|                                                                   | R5 +  | Recycling/reclamation of other inorganic materials                                                                                              |
|                                                                   | R6 +  | Regeneration of acids or bases                                                                                                                  |
|                                                                   | R7 +  | Recovery of components used for pollution abatement                                                                                             |
|                                                                   | R8 +  | Recovery of components from catalysts                                                                                                           |
|                                                                   | R9 +  | Oil refining or other reuses of oil                                                                                                             |
|                                                                   | R10 + | Land treatment resulting in benefit to agriculture or ecological improvement                                                                    |
|                                                                   | R11   | Use of wastes obtained from any of the operations numbered R1 to R10                                                                            |
| Disposal operations                                               |       |                                                                                                                                                 |
| 4                                                                 | D1 +  | Deposit into or onto land (e.g. landfill etc.)                                                                                                  |
|                                                                   | D3 +  | Deep injection (e.g. injection of pumpable discards into wells, salt domes or naturally occurring repositories etc.)                            |

**▼B**

| Item No | Code | Types of recovery and disposal operations                                                                                                      |
|---------|------|------------------------------------------------------------------------------------------------------------------------------------------------|
|         | D4 + | Surface impoundment (e.g. placement of liquid or sludge discards into pits, pounds or lagoons etc.)                                            |
|         | D5 + | Special engineered landfill (e.g. placement into lined discrete cells which are capped and isolated from one another and the environment etc.) |
|         | D12  | Permanent storage (e.g. emplacement of containers in a mine etc.)                                                                              |
| 5       | D2 + | Land treatment (e.g. biodegradation of liquid or sludgy discards in soils etc.)                                                                |
|         | D6 + | Release into a water body except seas/oceans                                                                                                   |
|         | D7   | Release into seas/oceans including sea-bed insertion                                                                                           |

3. The Commission will draw up a programme for pilot studies, to be carried out on a voluntary basis by Member States. The pilot studies will aim to assess the relevance and feasibility of obtaining data on the amounts of waste conditioned by preparatory operations, as defined in Annexes II.A and II.B of Directive 75/442/EEC. The Commission will finance up to 100 % of the costs for conducting these pilot studies. On the basis of the conclusions of these pilot studies, the Commission will adopt the necessary implementation measures in accordance with the procedure referred to in Article 7(2) of this Regulation.
4. Statistical units are local units or kind-of-activity units, as defined in Regulation (EEC) No 696/93, according to each Member State's statistical system.

In the quality report, to be produced under Section 7, a description of how the chosen statistical unit affects the groupings of ►**M3** NACE Rev. 2 ◀ data distribution should be included.

▼ M1

## ANNEX III

## TABLE OF EQUIVALENCE

as referred to in Article 1(5) of Regulation (EC) No 2150/2002, between EWC-Stat Rev. 3 (substance oriented waste statistical nomenclature) and European list of waste (LoW) established by Commission Decision 2000/532/EC

## 01 Chemical compound wastes

## 01.1 Spent solvents

## 01.11 Halogenated spent solvents

## 1 Hazardous

|           |                                                                  |
|-----------|------------------------------------------------------------------|
| 07 01 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 02 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 03 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 04 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 05 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 06 03* | organic halogenated solvents, washing liquids and mother liquors |
| 07 07 03* | organic halogenated solvents, washing liquids and mother liquors |
| 14 06 01* | chlorofluorocarbons, HCFC, HFC                                   |
| 14 06 02* | other halogenated solvents and solvent mixtures                  |
| 14 06 04* | sludges or solid wastes containing halogenated solvents          |

## 01.12 Non-halogenated spent solvents

## 1 Hazardous

|           |                                                            |
|-----------|------------------------------------------------------------|
| 07 01 04* | other organic solvents, washing liquids and mother liquors |
| 07 02 04* | other organic solvents, washing liquids and mother liquors |
| 07 03 04* | other organic solvents, washing liquids and mother liquors |
| 07 04 04* | other organic solvents, washing liquids and mother liquors |
| 07 05 04* | other organic solvents, washing liquids and mother liquors |
| 07 06 04* | other organic solvents, washing liquids and mother liquors |
| 07 07 04* | other organic solvents, washing liquids and mother liquors |
| 14 06 03* | other solvents and solvent mixtures                        |
| 14 06 05* | sludges or solid wastes containing other solvents          |
| 20 01 13* | solvents                                                   |

## 01.2 Acid, alkaline or saline wastes

## 01.21 Acid wastes

## 0 Non-hazardous

|          |                                |
|----------|--------------------------------|
| 06 01 99 | wastes not otherwise specified |
|----------|--------------------------------|

## 1 Hazardous

|           |                                    |
|-----------|------------------------------------|
| 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       |

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- 06 01 06\* other acids
  - 06 07 04\* solutions and acids, e.g. contact acid
  - 08 03 16\* waste etching solutions
  - 09 01 04\* fixer solutions
  - 09 01 05\* bleach solutions and bleach fixer solutions
  - 10 01 09\* sulphuric acid
  - 11 01 05\* pickling acids
  - 11 01 06\* acids not otherwise specified
  - 16 06 06\* separately collected electrolyte from batteries and accumulators
  - 20 01 14\* acids
- 01.22 Alkaline wastes
- 0 Non-hazardous
    - 03 03 09 lime mud waste
    - 06 02 99 wastes not otherwise specified
    - 11 01 14 degreasing wastes other than those mentioned in 11 01 13
  - 1 Hazardous
    - 05 01 11\* wastes from cleaning of fuels with bases
    - 06 02 01\* calcium hydroxide
    - 06 02 03\* ammonium hydroxide
    - 06 02 04\* sodium and potassium hydroxide
    - 06 02 05\* other bases
    - 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
    - 11 01 07\* pickling bases
    - 11 01 13\* degreasing wastes containing dangerous substances
    - 11 03 01\* wastes containing cyanide
    - 19 11 04\* wastes from cleaning of fuel with bases
    - 20 01 15\* alkalines
- 01.24 Other saline wastes
- 0 Non-hazardous
    - 05 01 16 sulphur-containing wastes from petroleum desulphurisation
    - 05 07 02 wastes containing sulphur
    - 06 03 14 solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
    - 06 03 16 metallic oxides other than those mentioned in 06 03 15
    - 06 03 99 wastes not otherwise specified
    - 06 04 99 wastes not otherwise specified
    - 06 06 03 wastes containing sulphides other than those mentioned in 06 06 02
    - 06 06 99 wastes not otherwise specified
    - 11 02 06 wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
  - 1 Hazardous
    - 06 03 11\* solid salts and solutions containing cyanides
    - 06 03 13\* solid salts and solutions containing heavy metals
    - 06 03 15\* metallic oxides containing heavy metals

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|           |                                                                                 |
|-----------|---------------------------------------------------------------------------------|
| 06 04 03* | wastes containing arsenic                                                       |
| 06 04 04* | wastes containing mercury                                                       |
| 06 04 05* | wastes containing other heavy metals                                            |
| 06 06 02* | wastes containing dangerous sulphides                                           |
| 10 03 08* | salt slags from secondary production                                            |
| 10 04 03* | calcium arsenate                                                                |
| 11 01 08* | phosphatising sludges                                                           |
| 11 02 05* | wastes from copper hydrometallurgical processes containing dangerous substances |
| 11 03 02* | other wastes                                                                    |
| 11 05 04* | spent flux                                                                      |
| 16 09 01* | permanganates, e.g. potassium permanganate                                      |
| 16 09 02* | chromates, e.g. potassium chromate, potassium or sodium dichromate              |

## 01.3 Used oils

## 01.31 Used motor oils

## 1 Hazardous

|           |                                                                 |
|-----------|-----------------------------------------------------------------|
| 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                         |

## 01.32 Other used oils

## 1 Hazardous

|           |                                                                                   |
|-----------|-----------------------------------------------------------------------------------|
| 05 01 02* | desalter sludges                                                                  |
| 05 01 03* | tank bottom sludges                                                               |
| 05 01 04* | acid alkyl sludges                                                                |
| 05 01 12* | oil containing acids                                                              |
| 08 03 19* | disperse oil                                                                      |
| 08 04 17* | rosin oil                                                                         |
| 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 18* | metal sludge (grinding, honing and lapping sludge) containing oil                 |
| 12 01 19* | readily biodegradable machining oil                                               |
| 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                                                              |

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|       |                                           |                                                                                                             |
|-------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------|
|       | 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 05 06*                                 | oil from oil/water separators                                                                               |
|       | 20 01 26*                                 | oil and fat other than those mentioned in 20 01 25                                                          |
| 01.4  | Spent chemical catalysts                  |                                                                                                             |
| 01.41 | Spent chemical catalysts                  |                                                                                                             |
|       | 0 Non-hazardous                           |                                                                                                             |
|       | 16 08 01                                  | spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07) |
|       | 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)                                                  |
|       | 1 Hazardous                               |                                                                                                             |
|       | 16 08 02*                                 | Spent catalysts containing dangerous transition metals or dangerous transition metal compounds              |
|       | 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                                                      |
| 02    | Chemical preparation wastes               |                                                                                                             |
| 02.1  | Off-specification chemical wastes         |                                                                                                             |
| 02.11 | Agrochemical product wastes               |                                                                                                             |
|       | 0 Non-hazardous                           |                                                                                                             |
|       | 02 01 09                                  | agrochemical waste other than those mentioned in 02 01 08                                                   |
|       | 1 Hazardous                               |                                                                                                             |
|       | 02 01 08*                                 | agrochemical waste containing dangerous substances                                                          |
|       | 06 13 01*                                 | inorganic plant protection products, wood-preserving agents and other biocides                              |
|       | 20 01 19*                                 | pesticides                                                                                                  |
| 02.12 | Unused medicines                          |                                                                                                             |
|       | 0 Non-hazardous                           |                                                                                                             |
|       | 07 05 14                                  | solid wastes other than those mentioned in 07 05 13                                                         |
|       | 18 01 09                                  | medicines other than those mentioned in 18 01 08                                                            |
|       | 18 02 08                                  | medicines other than those mentioned in 18 02 07                                                            |
|       | 20 01 32                                  | medicines other than those mentioned in 20 01 31                                                            |
|       | 1 Hazardous                               |                                                                                                             |
|       | 07 05 13*                                 | solid wastes containing dangerous substances                                                                |
|       | 18 01 08*                                 | cytotoxic and cytostatic medicines                                                                          |
|       | 18 02 07*                                 | cytotoxic and cytostatic medicines                                                                          |
|       | 20 01 31*                                 | cytotoxic and cytostatic medicines                                                                          |
| 02.13 | Paints, varnish, inks and adhesive wastes |                                                                                                             |
|       | 0 Non-hazardous                           |                                                                                                             |
|       | 03 01 99                                  | wastes not otherwise specified                                                                              |
|       | 04 02 17                                  | dyestuffs and pigments other than those mentioned in 04 02 16                                               |

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|             |                                                                                                                 |
|-------------|-----------------------------------------------------------------------------------------------------------------|
| 08 01 12    | waste paint and varnish other than those mentioned in 08 01 11                                                  |
| 08 01 14    | sludges from paint or varnish other than those mentioned in 08 01 13                                            |
| 08 01 16    | aqueous sludges containing paint or varnish other than those mentioned in 08 01 15                              |
| 08 01 18    | wastes from paint or varnish removal other than those mentioned in 08 01 17                                     |
| 08 01 20    | aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19                          |
| 08 01 99    | wastes not otherwise specified                                                                                  |
| 08 02 01    | waste coating powders                                                                                           |
| 08 02 99    | wastes not otherwise specified                                                                                  |
| 08 03 07    | aqueous sludges containing ink                                                                                  |
| 08 03 08    | aqueous liquid waste containing ink                                                                             |
| 08 03 13    | waste ink other than those mentioned in 08 03 12                                                                |
| 08 03 15    | ink sludges other than those mentioned in 08 03 14                                                              |
| 08 03 18    | waste printing toner other than those mentioned in 08 03 17                                                     |
| 08 03 99    | wastes not otherwise specified                                                                                  |
| 08 04 10    | waste adhesives and sealants other than those mentioned in 08 04 09                                             |
| 08 04 12    | adhesive and sealant sludges other than those mentioned in 08 04 11                                             |
| 08 04 14    | aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13                         |
| 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                                                                                  |
| 20 01 28    | paint, inks, adhesives and resins other than those mentioned in 20 01 27                                        |
| 1 Hazardous |                                                                                                                 |
| 04 02 16*   | dyestuffs and pigments containing dangerous substances                                                          |
| 08 01 11*   | waste paint and varnish containing organic solvents or other dangerous substances                               |
| 08 01 13*   | sludges from paint or varnish containing organic solvents or other dangerous substances                         |
| 08 01 15*   | aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances           |
| 08 01 17*   | wastes from paint or varnish removal containing organic solvents or other dangerous substances                  |
| 08 01 19*   | aqueous suspensions containing paint or varnish containing organic solvents or other dangerous substances       |
| 08 03 12*   | waste ink containing dangerous substances                                                                       |
| 08 03 14*   | ink sludges containing dangerous substances                                                                     |
| 08 03 17*   | waste printing toner containing dangerous substances                                                            |
| 08 04 09*   | waste adhesives and sealants containing organic solvents or other dangerous substances                          |
| 08 04 11*   | adhesive and sealant sludges containing organic solvents or other dangerous substances                          |
| 08 04 13*   | aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances      |
| 08 04 15*   | aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances |

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|                                         |                                                                     |
|-----------------------------------------|---------------------------------------------------------------------|
| 20 01 27*                               | paint, inks, adhesives and resins containing dangerous substances   |
| 02.14 Other chemical preparation wastes |                                                                     |
| 0 Non-hazardous                         |                                                                     |
| 02 07 03                                | wastes from chemical treatment                                      |
| 03 02 99                                | wood preservatives not otherwise specified                          |
| 04 01 09                                | wastes from dressing and finishing                                  |
| 04 02 15                                | wastes from finishing other than those mentioned in 04 02 14        |
| 06 07 99                                | wastes not otherwise specified                                      |
| 06 08 99                                | wastes not otherwise specified                                      |
| 06 10 99                                | wastes not otherwise specified                                      |
| 06 11 99                                | wastes not otherwise specified                                      |
| 07 02 15                                | wastes from additives other than those mentioned in 07 02 14        |
| 07 02 17                                | waste containing silicones other than those mentioned in 07 02 16   |
| 10 09 16                                | waste crack-indicating agent other than those mentioned in 10 09 15 |
| 10 10 14                                | waste binders other than those mentioned in 10 10 13                |
| 10 10 16                                | waste crack-indicating agent other than those mentioned in 10 10 15 |
| 11 05 99                                | wastes not otherwise specified                                      |
| 16 01 15                                | antifreeze fluids other than those mentioned in 16 01 14            |
| 16 05 05                                | gases in pressure containers other than those mentioned in 16 05 04 |
| 18 01 07                                | chemicals other than those mentioned in 18 01 06                    |
| 18 02 06                                | chemicals other than those mentioned in 18 02 05                    |
| 20 01 30                                | detergents other than those mentioned in 20 01 29                   |
| 1 Hazardous                             |                                                                     |
| 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            |
| 04 02 14*                               | wastes from finishing containing organic solvents                   |
| 05 07 01*                               | wastes containing mercury                                           |
| 06 08 02*                               | wastes containing dangerous chlorosilanes                           |
| 06 10 02*                               | wastes containing dangerous substances                              |
| 07 02 14*                               | wastes from additives containing dangerous substances               |
| 07 02 16*                               | wastes containing dangerous silicones                               |
| 07 04 13*                               | solid wastes containing dangerous substances                        |
| 08 01 21*                               | waste paint or varnish remover                                      |
| 08 05 01*                               | waste isocyanates                                                   |
| 10 09 13*                               | waste binders containing dangerous substances                       |
| 10 09 15*                               | waste crack-indicating agent containing dangerous substances        |
| 10 10 13*                               | waste binders containing dangerous substances                       |
| 10 10 15*                               | waste crack-indicating agent containing dangerous substances        |



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- 11 01 16\* saturated or spent ion exchange resins
  - 11 01 98\* other wastes containing dangerous substances
  - 16 01 13\* brake fluids
  - 16 01 14\* antifreeze fluids containing dangerous substances
  - 16 05 04\* gases in pressure containers (including halons) containing dangerous substances
  - 16 09 03\* peroxides, e.g. hydrogen peroxide
  - 16 09 04\* oxidising substances, not otherwise specified
  - 18 01 06\* chemicals consisting of or containing dangerous substances
  - 18 02 05\* chemicals consisting of or containing dangerous substances
  - 20 01 17\* photochemicals
  - 20 01 29\* detergents containing dangerous substances
- 02.2 Unused explosives
- 02.21 Waste explosives and pyrotechnical products
    - 1 Hazardous
      - 16 04 02\* fireworks wastes
      - 16 04 03\* other waste explosives
  - 02.22 Waste ammunition
    - 1 Hazardous
      - 16 04 01\* waste ammunition
- 02.3 Mixed chemical wastes
- 02.31 Minor mixed chemical wastes
    - 0 Non-hazardous
      - 16 05 09 discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
    - 1 Hazardous
      - 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
  - 02.32 Chemical wastes mixed for treatment
    - 1 Hazardous
      - 19 02 04\* premixed wastes composed of at least one hazardous waste
      - 19 02 08\* liquid combustible wastes containing dangerous substances
      - 19 02 09\* solid combustible wastes containing dangerous substances
      - 19 02 11\* other wastes containing dangerous substances
  - 02.33 Packaging polluted by hazardous substances
    - 1 Hazardous
      - 15 01 10\* packaging containing residues of or contaminated by dangerous substances
- 03 Other chemical wastes
- 03.1 Chemical deposits and residues
    - 03.11 Tars and carbonaceous wastes
      - 0 Non-hazardous
        - 05 01 17 bitumen
        - 05 06 99 wastes not otherwise specified
        - 06 13 03 carbon black

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- |                                   |                                                                                        |
|-----------------------------------|----------------------------------------------------------------------------------------|
| 10 01 25                          | wastes from fuel storage and preparation of coal-fired power plants                    |
| 10 03 02                          | anode scraps                                                                           |
| 10 03 18                          | carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17 |
| 10 08 13                          | carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12 |
| 10 08 14                          | anode scrap                                                                            |
| 11 02 03                          | wastes from the production of anodes for aqueous electrolytical processes              |
| 20 01 41                          | wastes from chimney sweeping                                                           |
| 1 Hazardous                       |                                                                                        |
| 05 01 07*                         | acid tars                                                                              |
| 05 01 08*                         | other tars                                                                             |
| 05 06 01*                         | acid tars                                                                              |
| 05 06 03*                         | other tars                                                                             |
| 06 13 05*                         | soot                                                                                   |
| 10 03 17*                         | tar-containing wastes from anode manufacture                                           |
| 10 08 12*                         | tar-containing wastes from anode manufacture                                           |
| 19 11 02*                         | acid tars                                                                              |
| 3.12 Oils/water emulsions sludges |                                                                                        |
| 1 Hazardous                       |                                                                                        |
| 05 01 06*                         | oily sludges from maintenance operations of the plant or equipment                     |
| 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 01*                         | solids from grit chambers and oil/water separators                                     |
| 13 05 02*                         | sludges from oil/water separators                                                      |
| 13 05 03*                         | interceptor sludges                                                                    |
| 13 05 07*                         | oily water from oil/water separators                                                   |
| 13 05 08*                         | mixtures of wastes from grit chambers and oil/water separators                         |
| 13 07 01*                         | fuel oil and diesel                                                                    |
| 13 07 02*                         | petrol                                                                                 |
| 13 07 03*                         | other fuels (including mixtures)                                                       |
| 13 08 01*                         | desalter sludges or emulsions                                                          |
| 13 08 02*                         | other emulsions                                                                        |
| 13 08 99*                         | wastes not otherwise specified                                                         |
| 16 07 09*                         | wastes containing other dangerous substances                                           |
| 19 02 07*                         | oil and concentrates from separation                                                   |
| 03.13 Chemical reaction residues  |                                                                                        |
| 0 Non-hazardous                   |                                                                                        |
| 03 03 02                          | green liquor sludge (from recovery of cooking liquor)                                  |
| 04 01 04                          | tanning liquor containing chromium                                                     |
| 04 01 05                          | tanning liquor free of chromium                                                        |
| 06 09 99                          | wastes not otherwise specified                                                         |
| 06 13 99                          | wastes not otherwise specified                                                         |
| 07 01 99                          | wastes not otherwise specified                                                         |

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|                                                |                                                                                                            |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| 07 02 99                                       | wastes not otherwise specified                                                                             |
| 07 03 99                                       | wastes not otherwise specified                                                                             |
| 07 04 99                                       | wastes not otherwise specified                                                                             |
| 07 05 99                                       | wastes not otherwise specified                                                                             |
| 07 06 99                                       | wastes not otherwise specified                                                                             |
| 07 07 99                                       | wastes not otherwise specified                                                                             |
| 11 01 12                                       | aqueous rinsing liquids other than those mentioned in 11 01 11                                             |
| 1 Hazardous                                    |                                                                                                            |
| 04 01 03*                                      | degreasing wastes containing solvents without a liquid phase                                               |
| 06 07 03*                                      | barium sulphate sludge containing mercury                                                                  |
| 07 01 01*                                      | aqueous washing liquids and mother liquors                                                                 |
| 07 01 07*                                      | halogenated still bottoms and reaction residues                                                            |
| 07 01 08*                                      | other still bottoms and reaction residues                                                                  |
| 07 02 01*                                      | aqueous washing liquids and mother liquors                                                                 |
| 07 02 07*                                      | halogenated still bottoms and reaction residues                                                            |
| 07 02 08*                                      | other still bottoms and reaction residues                                                                  |
| 07 03 01*                                      | aqueous washing liquids and mother liquors                                                                 |
| 07 03 07*                                      | halogenated still bottoms and reaction residues                                                            |
| 07 03 08*                                      | other still bottoms and reaction residues                                                                  |
| 07 04 01*                                      | aqueous washing liquids and mother liquors                                                                 |
| 07 04 07*                                      | halogenated still bottoms and reaction residues                                                            |
| 07 04 08*                                      | other still bottoms and reaction residues                                                                  |
| 07 05 01*                                      | aqueous washing liquids and mother liquors                                                                 |
| 07 05 07*                                      | halogenated still bottoms and reaction residues                                                            |
| 07 05 08*                                      | other still bottoms and reaction residues                                                                  |
| 07 06 01*                                      | aqueous washing liquids and mother liquors                                                                 |
| 07 06 07*                                      | halogenated still bottoms and reaction residues                                                            |
| 07 06 08*                                      | other still bottoms and reaction residues                                                                  |
| 07 07 01*                                      | aqueous washing liquids and mother liquors                                                                 |
| 07 07 07*                                      | halogenated still bottoms and reaction residues                                                            |
| 07 07 08*                                      | other still bottoms and reaction residues                                                                  |
| 09 01 13*                                      | aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06             |
| 11 01 11*                                      | aqueous rinsing liquids containing dangerous substances                                                    |
| 19 04 03*                                      | non-vitrified solid phase                                                                                  |
| 03.14 Spent filtration and absorbent materials |                                                                                                            |
| 0 Non-hazardous                                |                                                                                                            |
| 15 02 03                                       | absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02 |
| 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                                                  |
| 1 Hazardous                                    |                                                                                                            |
| 05 01 15*                                      | spent filter clays                                                                                         |
| 06 07 02*                                      | activated carbon from chlorine production                                                                  |

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|           |                                                                                                                                                       |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 06 13 02* | spent activated carbon (except 06 07 02)                                                                                                              |
| 07 01 09* | halogenated filter cakes and spent absorbents                                                                                                         |
| 07 01 10* | other filter cakes and spent absorbents                                                                                                               |
| 07 02 09* | halogenated filter cakes and spent absorbents                                                                                                         |
| 07 02 10* | other filter cakes and spent absorbents                                                                                                               |
| 07 03 09* | halogenated filter cakes and spent absorbents                                                                                                         |
| 07 03 10* | other filter cakes and spent absorbents                                                                                                               |
| 07 04 09* | halogenated filter cakes and spent absorbents                                                                                                         |
| 07 04 10* | other filter cakes and spent absorbents                                                                                                               |
| 07 05 09* | halogenated filter cakes and spent absorbents                                                                                                         |
| 07 05 10* | other filter cakes and spent absorbents                                                                                                               |
| 07 06 09* | halogenated filter cakes and spent absorbents                                                                                                         |
| 07 06 10* | other filter cakes and spent absorbents                                                                                                               |
| 07 07 09* | halogenated filter cakes and spent absorbents                                                                                                         |
| 07 07 10* | other filter cakes and spent absorbents                                                                                                               |
| 11 01 15* | eluate and sludges from membrane systems or ion exchange systems containing dangerous substances                                                      |
| 15 02 02* | absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances |
| 19 01 10* | spent activated carbon from flue-gas treatment                                                                                                        |
| 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 11 01* | spent filter clays                                                                                                                                    |

## 03.2 Industrial effluent sludges

## 03.21 Sludges from industrial processes and effluent treatment

## 0 Non-hazardous

|          |                                                                                |
|----------|--------------------------------------------------------------------------------|
| 03 03 05 | de-inking sludges from paper recycling                                         |
| 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 02 20 | sludges from on-site effluent treatment other than those mentioned in 04 02 19 |
| 05 01 10 | sludges from on-site effluent treatment other than those mentioned in 05 01 09 |
| 05 01 14 | wastes from cooling columns                                                    |
| 05 06 04 | waste from cooling columns                                                     |
| 06 05 03 | sludges from on-site effluent treatment other than those mentioned in 06 05 02 |
| 07 01 12 | sludges from on-site effluent treatment other than those mentioned in 07 01 11 |
| 07 02 12 | sludges from on-site effluent treatment other than those mentioned in 07 02 11 |
| 07 03 12 | sludges from on-site effluent treatment other than those mentioned in 07 03 11 |
| 07 04 12 | sludges from on-site effluent treatment other than those mentioned in 07 04 11 |
| 07 05 12 | sludges from on-site effluent treatment other than those mentioned in 07 05 11 |

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|          |                                                                                                                    |
|----------|--------------------------------------------------------------------------------------------------------------------|
| 07 06 12 | sludges from on-site effluent treatment other than those mentioned in 07 06 11                                     |
| 07 07 12 | sludges from on-site effluent treatment other than those mentioned in 07 07 11                                     |
| 10 01 21 | sludges from on-site effluent treatment other than those mentioned in 10 01 20                                     |
| 10 01 23 | aqueous sludges from boiler cleansing other than those mentioned in 10 01 22                                       |
| 10 01 26 | wastes from cooling-water treatment                                                                                |
| 10 02 12 | wastes from cooling-water treatment other than those mentioned in 10 02 11                                         |
| 10 02 15 | other sludges and filter cakes                                                                                     |
| 10 03 28 | wastes from cooling-water treatment other than those mentioned in 10 03 27                                         |
| 10 04 10 | wastes from cooling-water treatment other than those mentioned in 10 04 09                                         |
| 10 05 09 | wastes from cooling-water treatment other than those mentioned in 10 05 08                                         |
| 10 06 10 | wastes from cooling-water treatment other than those mentioned in 10 06 09                                         |
| 10 07 08 | wastes from cooling-water treatment other than those mentioned in 10 07 07                                         |
| 10 08 20 | wastes from cooling-water treatment other than those mentioned in 10 08 19                                         |
| 10 11 20 | solid wastes from on-site effluent treatment other than those mentioned in 10 11 19                                |
| 10 12 13 | sludge from on-site effluent treatment                                                                             |
| 11 01 10 | sludges and filter cakes other than those mentioned in 11 01 09                                                    |
| 11 02 99 | wastes not otherwise specified                                                                                     |
| 12 01 15 | machining sludges other than those mentioned in 12 01 14                                                           |
| 16 10 02 | aqueous liquid wastes other than those mentioned in 16 10 01                                                       |
| 16 10 04 | aqueous concentrates other than those mentioned in 16 10 03                                                        |
| 19 02 06 | sludges from physico/chemical treatment other than those mentioned in 19 02 05                                     |
| 19 04 04 | aqueous liquid wastes from vitrified waste tempering                                                               |
| 19 06 99 | wastes not otherwise specified                                                                                     |
| 19 07 03 | landfill leachate other than those mentioned in 19 07 02                                                           |
| 19 08 12 | sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11                 |
| 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 11 06 | sludges from on-site effluent treatment other than those mentioned in 19 11 05                                     |
| 19 13 04 | sludges from soil remediation other than those mentioned in 19 13 03                                               |
| 19 13 06 | sludges from groundwater remediation other than those mentioned in 19 13 05                                        |
| 19 13 08 | aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07 |

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|           |                                                                                                             |  |
|-----------|-------------------------------------------------------------------------------------------------------------|--|
| 1         | Hazardous                                                                                                   |  |
| 04 02 19* | sludges from on-site effluent treatment containing dangerous substances                                     |  |
| 05 01 09* | sludges from on-site effluent treatment containing dangerous substances                                     |  |
| 06 05 02* | sludges from on-site effluent treatment containing dangerous substances                                     |  |
| 07 01 11* | sludges from on-site effluent treatment containing dangerous substances                                     |  |
| 07 02 11* | sludges from on-site effluent treatment containing dangerous substances                                     |  |
| 07 03 11* | sludges from on-site effluent treatment containing dangerous substances                                     |  |
| 07 04 11* | sludges from on-site effluent treatment containing dangerous substances                                     |  |
| 07 05 11* | sludges from on-site effluent treatment containing dangerous substances                                     |  |
| 07 06 11* | sludges from on-site effluent treatment containing dangerous substances                                     |  |
| 07 07 11* | sludges from on-site effluent treatment containing dangerous substances                                     |  |
| 10 01 20* | sludges from on-site effluent treatment containing dangerous substances                                     |  |
| 10 01 22* | aqueous sludges from boiler cleansing containing dangerous substances                                       |  |
| 10 11 19* | solid wastes from on-site effluent treatment containing dangerous substances                                |  |
| 11 01 09* | sludges and filter cakes containing dangerous substances                                                    |  |
| 11 02 07* | other wastes containing dangerous substances                                                                |  |
| 12 01 14* | machining sludges containing dangerous substances                                                           |  |
| 16 10 01* | aqueous liquid wastes containing dangerous substances                                                       |  |
| 16 10 03* | aqueous concentrates containing dangerous substances                                                        |  |
| 19 02 05* | sludges from physico/chemical treatment containing dangerous substances                                     |  |
| 19 07 02* | landfill leachate containing dangerous substances                                                           |  |
| 19 08 11* | sludges containing dangerous substances from biological treatment of industrial waste water                 |  |
| 19 08 13* | sludges containing dangerous substances from other treatment of industrial waste water                      |  |
| 19 11 05* | sludges from on-site effluent treatment containing dangerous substances                                     |  |
| 19 13 03* | sludges from soil remediation containing dangerous substances                                               |  |
| 19 13 05* | sludges from groundwater remediation containing dangerous substances                                        |  |
| 19 13 07* | aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances |  |
| 03.22     | Sludges containing hydrocarbons                                                                             |  |
| 0         | Non-hazardous                                                                                               |  |
| 05 01 99  | wastes not otherwise specified                                                                              |  |
| 05 07 99  | wastes not otherwise specified                                                                              |  |
| 19 11 99  | wastes not otherwise specified                                                                              |  |
| 1         | Hazardous                                                                                                   |  |
| 01 05 05* | oil-containing drilling muds and wastes                                                                     |  |

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- |           |                                                                                         |
|-----------|-----------------------------------------------------------------------------------------|
| 10 02 11* | wastes from cooling-water treatment containing oil                                      |
| 10 03 27* | wastes from cooling-water treatment containing oil                                      |
| 10 04 09* | wastes from cooling-water treatment containing oil                                      |
| 10 05 08* | wastes from cooling-water treatment containing oil                                      |
| 10 06 09* | wastes from cooling-water treatment containing oil                                      |
| 10 07 07* | wastes from cooling-water treatment containing oil                                      |
| 10 08 19* | wastes from cooling-water treatment containing oil                                      |
| 12 03 01* | aqueous washing liquids                                                                 |
| 12 03 02* | steam degreasing wastes                                                                 |
| 16 07 08* | wastes containing oil                                                                   |
| 19 08 10* | grease and oil mixture from oil/water separation other than those mentioned in 19 08 09 |
| 19 11 03* | aqueous liquid wastes                                                                   |
- 05 Health care and biological wastes
- 05.1 Infectious health care wastes
- 05.11 Human infectious health care wastes
- 1 Hazardous
- |           |                                                                                                       |
|-----------|-------------------------------------------------------------------------------------------------------|
| 18 01 03* | wastes whose collection and disposal is subject to special requirements in order to prevent infection |
|-----------|-------------------------------------------------------------------------------------------------------|
- 05.12 Animal infectious health care wastes
- 1 Hazardous
- |           |                                                                                                       |
|-----------|-------------------------------------------------------------------------------------------------------|
| 18 02 02* | wastes whose collection and disposal is subject to special requirements in order to prevent infection |
|-----------|-------------------------------------------------------------------------------------------------------|
- 05.2 Non-infectious health care wastes
- 05.21 Non-infectious human health care wastes
- 0 Non-hazardous
- |          |                                                                                                                                                                                |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 04 | wastes whose collection and disposal is not subject to special requirements in order to prevent infection (e.g. dressings, plaster casts, linen, disposable clothing, diapers) |
- 05.22 Non-infectious animal health care wastes
- 0 Non-hazardous
- |          |                                                                                                           |
|----------|-----------------------------------------------------------------------------------------------------------|
| 18 02 01 | sharps (except 18 02 02)                                                                                  |
| 18 02 03 | wastes whose collection and disposal is not subject to special requirements in order to prevent infection |
- 06 Metallic wastes
- 06.1 Ferrous metal waste and scrap
- 06.11 Ferrous metal waste and scrap
- 0 Non-hazardous
- |          |                                           |
|----------|-------------------------------------------|
| 10 02 10 | mill scales                               |
| 10 12 06 | discarded molds                           |
| 12 01 01 | ferrous metal filings and turnings        |
| 12 01 02 | ferrous metal dust and particles          |
| 16 01 17 | ferrous metal                             |
| 17 04 05 | iron and steel                            |
| 19 01 02 | ferrous materials removed from bottom ash |
| 19 10 01 | iron and steel waste                      |

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- 19 12 02 ferrous metal
- 06.2 Non-ferrous metal waste and scrap
  - 06.21 Waste precious metal
    - 1 Hazardous
      - 09 01 06\* wastes containing silver from on-site treatment of photographic wastes
      - 18 01 10\* amalgam waste from dental care
  - 06.23 Other waste aluminium
    - 0 Non-hazardous
      - 17 04 02 aluminium
  - 06.24 Copper waste
    - 0 Non-hazardous
      - 17 04 01 copper, bronze, brass
  - 06.25 Lead waste
    - 0 Non-hazardous
      - 17 04 03 lead
  - 06.26 Other metal wastes
    - 0 Non-hazardous
      - 11 05 01 hard zinc
      - 17 04 04 zinc
      - 17 04 06 tin
- 06.3 Mixed metal wastes
  - 06.31 Mixed metallic packaging
    - 0 Non-hazardous
      - 15 01 04 metallic packaging
  - 06.32 Other mixed metallic wastes
    - 0 Non-hazardous
      - 02 01 10 waste metal
      - 10 10 99 wastes not otherwise specified
      - 12 01 03 non-ferrous metal filings and turnings
      - 12 01 04 non-ferrous metal dust and particles
      - 16 01 18 non-ferrous metal
      - 17 04 07 mixed metals
      - 17 04 11 cables other than those mentioned in 17 04 10
      - 19 10 02 non-ferrous waste
      - 19 12 03 non-ferrous metal
      - 20 01 40 metals
    - 1 Hazardous
      - 17 04 09\* metal waste contaminated with dangerous substances
      - 17 04 10\* cables containing oil, coal tar and other dangerous substances
- 07 Non-metallic wastes
  - 07.1 Glass wastes
    - 07.11 Glass packaging
      - 0 Non-hazardous
        - 15 01 07 glass packaging



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- 07.12 Other glass wastes
  - 0 Non-hazardous
    - 10 11 12 waste glass other than those mentioned in 10 11 11
    - 16 01 20 glass
    - 17 02 02 glass
    - 19 12 05 glass
    - 20 01 02 glass
  - 1 Hazardous
    - 10 11 11\* waste glass in small particles and glass powder containing heavy metals (e.g. from cathode ray tubes)
- 07.2 Paper and cardboard wastes
  - 07.21 Waste paper and cardboard packaging
    - 0 Non-hazardous
      - 15 01 01 paper and cardboard packaging
  - 07.23 Other paper and cardboard wastes
    - 0 Non-hazardous
      - 03 03 10 fibre rejects, fibre-, filler- and coating sludges from mechanical separation
      - 03 03 99 wastes not otherwise specified
      - 19 12 01 paper and cardboard
      - 20 01 01 paper and cardboard
- 07.3 Rubber wastes
  - 07.31 Used tyres
    - 0 Non-hazardous
      - 16 01 03 end-of-life tyres
- 07.4 Plastic wastes
  - 07.41 Plastic packaging wastes
    - 0 Non-hazardous
      - 15 01 02 plastic packaging
  - 07.42 Other plastic wastes
    - 0 Non-hazardous
      - 02 01 04 waste plastics (except packaging)
      - 07 02 13 waste plastic
      - 12 01 05 plastics shavings and turnings
      - 16 01 19 plastic
      - 17 02 03 plastic
      - 19 12 04 plastic and rubber
      - 20 01 39 plastics
- 07.5 Wood wastes
  - 07.51 Wood packaging
    - 0 Non-hazardous
      - 15 01 03 wooden packaging
  - 07.52 Sawdust and shavings
    - 0 Non-hazardous
      - 03 01 05 sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04

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- 1 Hazardous
  - 03 01 04\* sawdust, shavings, cuttings, wood, particle board and veneer containing dangerous substances
- 07.53 Other wood wastes
  - 0 Non-hazardous
    - 03 01 01 waste bark and cork
    - 03 03 01 waste bark and wood
    - 17 02 01 wood
    - 19 12 07 wood other than that mentioned in 19 12 06
    - 20 01 38 wood other than that mentioned in 20 01 37
  - 1 Hazardous
    - 19 12 06\* wood containing dangerous substances
    - 20 01 37\* wood containing dangerous substances
- 07.6 Textile wastes
  - 07.61 Worn clothing
    - 0 Non-hazardous
      - 20 01 10 clothes
  - 07.62 Miscellaneous textiles wastes
    - 0 Non-hazardous
      - 04 02 09 wastes from composite materials (impregnated textile, elastomer, plastomer)
      - 04 02 10 organic matter from natural products (e.g. grease, wax)
      - 04 02 21 wastes from unprocessed textile fibres
      - 04 02 22 wastes from processed textile fibres
      - 15 01 09 textile packaging
      - 19 12 08 textiles
      - 20 01 11 textiles
  - 07.63 Leather wastes
    - 0 Non-hazardous
      - 04 01 01 fleshings and lime split wastes
      - 04 01 02 liming waste
      - 04 01 08 waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
      - 04 01 99 wastes not otherwise specified
- 07.7 Waste containing PCB
  - 07.71 Oils containing PCBs
    - 1 Hazardous
      - 13 01 01\* hydraulic oils, containing PCB
      - 13 03 01\* insulating or heat transmission oils containing PCBs
  - 07.72 Equipment containing or contaminated by PCBs
    - 1 Hazardous
      - 16 01 09\* components containing PCBs
      - 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

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## 07.73 Construction and demolition waste containing PCBs

## 1 Hazardous

- 17 09 02\* construction and demolition wastes containing PCB (e.g. PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)

## 08 Discarded equipment

## 08.1 Discarded vehicles

## 08.12 Other discarded vehicles

## 0 Non-hazardous

- 16 01 06 end-of-life vehicles, containing neither liquids nor other hazardous components

## 1 Hazardous

- 16 01 04\* end-of-life vehicles

## 08.2 Discarded electrical and electronic equipment

## 08.21 Discarded major household equipment

## 1 Hazardous

- 16 02 11\* discarded equipment containing chlorofluorocarbons, HCFC, HFC
- 20 01 23\* discarded equipment containing chlorofluorocarbons

## 08.23 Other discarded electrical and electronic equipment

## 0 Non-hazardous

- 09 01 10 single-use cameras without batteries
- 09 01 12 single-use cameras containing batteries other than those mentioned in 09 01 11
- 16 02 14 discarded equipment other than those mentioned in 16 02 09 to 16 02 13
- 20 01 36 discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35

## 1 Hazardous

- 09 01 11\* single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03
- 16 02 13\* discarded equipment containing hazardous components<sup>7</sup> other than those mentioned in 16 02 09 to 16 02 12
- 20 01 35\* discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components

## 08.4 Discarded machines and equipment components

## 08.41 Batteries and accumulators wastes

## 0 Non-hazardous

- 16 06 04 alkaline batteries (except 16 06 03)
- 16 06 05 other batteries and accumulators
- 20 01 34 batteries and accumulators other than those mentioned in 20 01 33

## 1 Hazardous

- 16 06 01\* lead batteries
- 16 06 02\* Ni-Cd batteries
- 16 06 03\* mercury- containing batteries
- 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

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## 08.43 Other discarded machines and equipment components

## 0 Non-hazardous

- 16 01 12 brake pads other than those mentioned in 16 01 11
- 16 01 16 tanks for liquefied gas
- 16 01 22 components not otherwise specified
- 16 01 99 wastes not otherwise specified
- 16 02 16 components removed from discarded equipment other than those mentioned in 16 02 15

## 1 Hazardous

- 16 01 07\* oil filters
- 16 01 08\* components containing mercury
- 16 01 10\* explosive components (e.g. air bags)
- 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 02 15\* hazardous components removed from discarded equipment
- 20 01 21\* fluorescent tubes and other mercury-containing waste

## 09 Animal and vegetal wastes

## 09.1 Waste of food preparation and products

## 09.11 Animal waste of food preparation and products

## 0 Non-hazardous

- 02 01 02 animal-tissue waste
- 02 02 01 sludges from washing and cleaning
- 02 02 02 animal-tissue waste

## 09.12 Vegetal waste of food preparation and products

## 0 Non-hazardous

- 02 01 01 sludges from washing and cleaning
- 02 01 03 plant-tissue waste
- 02 03 01 sludges from washing, cleaning, peeling, centrifuging and separation
- 02 03 03 wastes from solvent extraction
- 02 03 04 materials unsuitable for consumption or processing
- 02 03 99 wastes not otherwise specified
- 02 04 99 wastes not otherwise specified
- 02 07 01 wastes from washing, cleaning and mechanical reduction of raw materials
- 02 07 02 wastes from spirits distillation

## 09.13 Mixed waste of food preparation and products

## 0 Non-hazardous

- 02 01 99 wastes not otherwise specified
- 02 02 03 materials unsuitable for consumption or processing
- 02 02 99 wastes not otherwise specified
- 02 03 02 wastes from preserving agents
- 02 05 01 materials unsuitable for consumption or processing
- 02 05 99 wastes not otherwise specified
- 02 06 01 materials unsuitable for consumption or processing
- 02 06 02 wastes from preserving agents
- 02 07 04 materials unsuitable for consumption or processing
- 19 08 09 grease and oil mixture from oil/water separation containing only edible oil and fats

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|      |                       |                                                                                                                |
|------|-----------------------|----------------------------------------------------------------------------------------------------------------|
|      | 20 01 08              | biodegradable kitchen and canteen waste                                                                        |
|      | 20 01 25              | edible oil and fat                                                                                             |
|      | 20 03 02              | waste from markets                                                                                             |
| 09.2 | Green wastes          |                                                                                                                |
|      | 09.21                 | Green wastes                                                                                                   |
|      | 0                     | Non-hazardous                                                                                                  |
|      | 02 01 07              | wastes from forestry                                                                                           |
|      | 20 02 01              | biodegradable waste                                                                                            |
| 09.3 | Slurry and manure     |                                                                                                                |
|      | 09.31                 | Slurry and manure                                                                                              |
|      | 0                     | Non-hazardous                                                                                                  |
|      | 02 01 06              | animal faeces, urine and manure (including spoiled straw), effluent, collected separately and treated off-site |
| 10   | Mixed ordinary wastes |                                                                                                                |
|      | 10.1                  | Household and similar wastes                                                                                   |
|      | 10.11                 | Household wastes                                                                                               |
|      | 0                     | Non-hazardous                                                                                                  |
|      | 20 03 01              | mixed municipal waste                                                                                          |
|      | 20 03 07              | bulky waste                                                                                                    |
|      | 20 03 99              | municipal wastes not otherwise specified                                                                       |
|      | 10.12                 | Street cleaning wastes                                                                                         |
|      | 0                     | Non-hazardous                                                                                                  |
|      | 20 03 03              | street-cleaning residues                                                                                       |
|      | 10.2                  | Mixed and undifferentiated materials                                                                           |
|      | 10.21                 | Mixed packaging                                                                                                |
|      | 0                     | Non-hazardous                                                                                                  |
|      | 15 01 05              | composite packaging                                                                                            |
|      | 15 01 06              | mixed packaging                                                                                                |
|      | 10.22                 | Other mixed and undifferentiated materials                                                                     |
|      | 0                     | Non-hazardous                                                                                                  |
|      | 02 06 99              | wastes not otherwise specified                                                                                 |
|      | 02 07 99              | wastes not otherwise specified                                                                                 |
|      | 04 02 99              | wastes not otherwise specified                                                                                 |
|      | 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 99              | wastes not otherwise specified                                                                                 |
|      | 10 01 99              | wastes not otherwise specified                                                                                 |
|      | 10 06 99              | wastes not otherwise specified                                                                                 |
|      | 10 07 99              | wastes not otherwise specified                                                                                 |
|      | 10 08 99              | wastes not otherwise specified                                                                                 |
|      | 11 01 99              | wastes not otherwise specified                                                                                 |
|      | 12 01 13              | welding wastes                                                                                                 |
|      | 12 01 99              | wastes not otherwise specified                                                                                 |
|      | 16 03 04              | inorganic wastes other than those mentioned in 16 03 03                                                        |
|      | 16 03 06              | organic wastes other than those mentioned in 16 03 05                                                          |
|      | 16 07 99              | wastes not otherwise specified                                                                                 |

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|      |                                                                 |                                                                                                                           |
|------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
|      | 19 02 03                                                        | premixed wastes composed only of non hazardous wastes                                                                     |
|      | 19 02 10                                                        | combustible wastes other than those mentioned in 19 02 08 and 19 02 09                                                    |
|      | 19 02 99                                                        | wastes not otherwise specified                                                                                            |
|      | 20 01 99                                                        | other fractions not otherwise specified                                                                                   |
| 1    | Hazardous                                                       |                                                                                                                           |
|      | 16 03 03*                                                       | inorganic wastes containing dangerous substances                                                                          |
|      | 16 03 05*                                                       | organic wastes containing dangerous substances                                                                            |
| 10.3 | Sorting residues                                                |                                                                                                                           |
|      | 10.32 Other sorting residues                                    |                                                                                                                           |
|      | 0 Non-hazardous                                                 |                                                                                                                           |
|      | 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                                                         |
|      | 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 08 01                                                        | screenings                                                                                                                |
|      | 19 10 04                                                        | fluff-light fraction and dust other than those mentioned in 19 10 03                                                      |
|      | 19 10 06                                                        | other fractions other than those mentioned in 19 10 05                                                                    |
|      | 19 12 10                                                        | combustible waste (refuse derived fuel)                                                                                   |
|      | 19 12 12                                                        | other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11 |
|      | 1 Hazardous                                                     |                                                                                                                           |
|      | 19 10 03*                                                       | fluff-light fraction and dust containing dangerous substances                                                             |
|      | 19 10 05*                                                       | other fractions containing dangerous substances                                                                           |
|      | 19 12 11*                                                       | other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances         |
| 11   | Common sludges                                                  |                                                                                                                           |
|      | 11.1 Waste water treatment sludges                              |                                                                                                                           |
|      | 11.11 Sludges from treatment of public sewerage water           |                                                                                                                           |
|      | 0 Non-hazardous                                                 |                                                                                                                           |
|      | 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 08 05                                                        | sludges from treatment of urban waste water                                                                               |
|      | 11.12 Biodegradable sludges from treatment of other waste water |                                                                                                                           |
|      | 0 Non-hazardous                                                 |                                                                                                                           |
|      | 02 02 04                                                        | sludges from on-site effluent treatment                                                                                   |
|      | 02 03 05                                                        | sludges from on-site effluent treatment                                                                                   |
|      | 02 04 03                                                        | sludges from on-site effluent treatment                                                                                   |
|      | 02 05 02                                                        | sludges from on-site effluent treatment                                                                                   |

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- 02 06 03 sludges from on-site effluent treatment
- 02 07 05 sludges from on-site effluent treatment
- 03 03 11 sludges from on-site effluent treatment other than those mentioned in 03 03 10
- 11.2 Sludges from purification of drinking and process water
  - 11.21 Sludges from purification of drinking and process water
    - 0 Non-hazardous
      - 05 01 13 boiler feedwater sludges
      - 19 09 02 sludges from water clarification
      - 19 09 99 wastes not otherwise specified
  - 11.3 Unpolluted dredging spoils
    - 11.31 Unpolluted dredging spoils
      - 0 Non-hazardous
        - 17 05 06 dredging spoil other than those mentioned in 17 05 05
  - 11.4 Cesspit contents
    - 11.41 Cesspit contents
      - 0 Non-hazardous
        - 20 03 04 septic tank sludge
        - 20 03 06 waste from sewage cleaning
- 12 Mineral wastes
  - 12.1 Construction and demolition wastes
    - 12.11 Concrete, bricks and gypsum waste
      - 0 Non-hazardous
        - 10 12 08 waste ceramics, bricks, tiles and construction products (after thermal processing)
        - 10 12 99 wastes not otherwise specified
        - 10 13 14 waste concrete and concrete sludge
        - 10 13 99 wastes not otherwise specified
        - 17 01 01 concrete
        - 17 01 02 bricks
        - 17 01 03 tiles and ceramics
        - 17 01 07 mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
        - 17 08 02 gypsum-based construction materials other than those mentioned in 17 08 01
      - 1 Hazardous
        - 17 01 06\* mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing dangerous substances
        - 17 08 01\* gypsum-based construction materials contaminated with dangerous substances
    - 12.12 Waste hydrocarbonised road-surfacing material
      - 0 Non-hazardous
        - 17 03 02 bituminous mixtures other than those mentioned in 17 03 01
      - 1 Hazardous
        - 17 03 01\* bituminous mixtures containing coal tar
        - 17 03 03\* coal tar and tarred products

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## 12.13 Mixed construction wastes

## 0 Non-hazardous

17 06 04 insulation materials other than those mentioned in 17 06 01 and 17 06 03

17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

## 1 Hazardous

17 02 04\* glass, plastic and wood containing or contaminated with dangerous substances

17 06 03\* other insulation materials consisting of or containing dangerous substances

17 09 01\* construction and demolition wastes containing mercury

17 09 03\* other construction and demolition wastes (including mixed wastes) containing dangerous substances

## 12.2 Asbestos wastes

## 12.21 Asbestos wastes

## 1 Hazardous

06 07 01\* wastes containing asbestos from electrolysis

06 13 04\* wastes from asbestos processing

10 13 09\* wastes from asbestos-cement manufacture containing asbestos

15 01 11\* metallic packaging containing a dangerous solid porous matrix (e.g. asbestos), including empty pressure containers

16 01 11\* brake pads containing asbestos

16 02 12\* discarded equipment containing free asbestos

17 06 01\* insulation materials containing asbestos

17 06 05\* construction materials containing asbestos

## 12.3 Waste of naturally occurring minerals

## 12.31 Waste of naturally occurring minerals

## 0 Non-hazardous

01 01 01 wastes from mineral metalliferous excavation

01 01 02 wastes from mineral non-metalliferous excavation

01 03 06 tailings other than those mentioned in 01 03 04 and 01 03 05

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 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 04 fresh-water drilling muds and wastes



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|          |                                                                                                  |
|----------|--------------------------------------------------------------------------------------------------|
| 01 05 07 | barite-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06   |
| 01 05 08 | chloride-containing drilling muds and wastes other than those mentioned in 01 05 05 and 01 05 06 |
| 01 05 99 | wastes not otherwise specified                                                                   |
| 02 04 01 | soil from cleaning and washing beet                                                              |
| 08 02 02 | aqueous sludges containing ceramic materials                                                     |
| 10 11 10 | waste preparation mixture before thermal processing other than those mentioned in 10 11 09       |
| 10 12 01 | waste preparation mixture before thermal processing                                              |
| 10 13 01 | waste preparation mixture before thermal processing                                              |
| 17 05 04 | soil and stones other than those mentioned in 17 05 03                                           |
| 17 05 08 | track ballast other than those mentioned in 17 05 07                                             |
| 19 01 99 | wastes not otherwise specified                                                                   |
| 19 08 02 | waste from desanding                                                                             |
| 19 09 01 | solid waste from primary filtration and screenings                                               |
| 19 12 09 | minerals (e.g. sand, stones)                                                                     |
| 19 13 02 | solid wastes from soil remediation other than those mentioned in 19 13 01                        |
| 20 02 02 | soil and stones                                                                                  |
| 20 02 03 | other non-biodegradable wastes                                                                   |

## 1 Hazardous

|           |                                                                                                              |
|-----------|--------------------------------------------------------------------------------------------------------------|
| 01 03 04* | acid-generating tailings from processing of sulphide ore                                                     |
| 01 03 05* | other tailings containing dangerous substances                                                               |
| 01 03 07* | other wastes containing dangerous substances from physical and chemical processing of metalliferous minerals |
| 01 04 07* | wastes containing dangerous substances from physical and chemical processing of non-metalliferous minerals   |
| 01 05 06* | drilling muds and other drilling wastes containing dangerous substances                                      |
| 10 11 09* | waste preparation mixture before thermal processing containing dangerous substances                          |
| 19 13 01* | solid wastes from soil remediation containing dangerous substances                                           |

## 12.4 Combustion wastes

## 12.41 Waste from flue gas purification

## 0 Non-hazardous

|          |                                                                                        |
|----------|----------------------------------------------------------------------------------------|
| 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 19 | wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18 |
| 10 02 08 | solid wastes from gas treatment other than those mentioned in 10 02 07                 |
| 10 02 14 | sludges and filter cakes from gas treatment other than those mentioned in 10 02 13     |
| 10 03 20 | flue-gas dust other than those mentioned in 10 03 19                                   |
| 10 03 24 | solid wastes from gas treatment other than those mentioned in 10 03 23                 |
| 10 03 26 | sludges and filter cakes from gas treatment other than those mentioned in 10 03 25     |
| 10 07 03 | solid wastes from gas treatment                                                        |

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|             |                                                                                         |
|-------------|-----------------------------------------------------------------------------------------|
| 10 07 05    | sludges and filter cakes from gas treatment                                             |
| 10 08 16    | flue-gas dust other than those mentioned in 10 08 15                                    |
| 10 08 18    | sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17 |
| 10 09 10    | flue-gas dust other than those mentioned in 10 09 09                                    |
| 10 10 10    | flue-gas dust other than those mentioned in 10 10 09                                    |
| 10 11 16    | solid wastes from flue-gas treatment other than those mentioned in 10 11 15             |
| 10 11 18    | sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17 |
| 10 12 05    | sludges and filter cakes from gas treatment                                             |
| 10 12 10    | solid wastes from gas treatment other than those mentioned in 10 12 09                  |
| 10 13 07    | sludges and filter cakes from gas treatment                                             |
| 10 13 13    | solid wastes from gas treatment other than those mentioned in 10 13 12                  |
| 1 Hazardous |                                                                                         |
| 10 01 18*   | wastes from gas cleaning containing dangerous substances                                |
| 10 02 07*   | solid wastes from gas treatment containing dangerous substances                         |
| 10 02 13*   | sludges and filter cakes from gas treatment containing dangerous substances             |
| 10 03 19*   | flue-gas dust containing dangerous substances                                           |
| 10 03 23*   | solid wastes from gas treatment containing dangerous substances                         |
| 10 03 25*   | sludges and filter cakes from gas treatment containing dangerous substances             |
| 10 04 04*   | flue-gas dust                                                                           |
| 10 04 06*   | solid wastes from gas treatment                                                         |
| 10 04 07*   | sludges and filter cakes from gas treatment                                             |
| 10 05 03*   | flue-gas dust                                                                           |
| 10 05 05*   | solid waste from gas treatment                                                          |
| 10 05 06*   | sludges and filter cakes from gas treatment                                             |
| 10 06 03*   | flue-gas dust                                                                           |
| 10 06 06*   | solid wastes from gas treatment                                                         |
| 10 06 07*   | sludges and filter cakes from gas treatment                                             |
| 10 08 15*   | flue-gas dust containing dangerous substances                                           |
| 10 08 17*   | sludges and filter cakes from flue-gas treatment containing dangerous substances        |
| 10 09 09*   | flue-gas dust containing dangerous substances                                           |
| 10 10 09*   | flue-gas dust containing dangerous substances                                           |
| 10 11 15*   | solid wastes from flue-gas treatment containing dangerous substances                    |
| 10 11 17*   | sludges and filter cakes from flue-gas treatment containing dangerous substances        |
| 10 12 09*   | solid wastes from gas treatment containing dangerous substances                         |
| 10 13 12*   | solid wastes from gas treatment containing dangerous substances                         |
| 10 14 01*   | waste from gas cleaning containing mercury                                              |
| 11 05 03*   | solid wastes from gas treatment                                                         |
| 19 01 05*   | filter cake from gas treatment                                                          |

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|           |                                                                                               |
|-----------|-----------------------------------------------------------------------------------------------|
| 19 01 06* | aqueous liquid wastes from gas treatment and other aqueous liquid wastes                      |
| 19 01 07* | solid wastes from gas treatment                                                               |
| 19 04 02* | fly ash and other flue-gas treatment wastes                                                   |
| 19 11 07* | wastes from flue-gas cleaning                                                                 |
| 12.42     | Slags and ashes from thermal treatment and combustion                                         |
| 0         | Non-hazardous                                                                                 |
| 06 09 02  | phosphorous slag                                                                              |
| 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 15  | bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14  |
| 10 01 17  | fly ash from co-incineration other than those mentioned in 10 01 16                           |
| 10 01 24  | sands from fluidised beds                                                                     |
| 10 02 01  | wastes from the processing of slag                                                            |
| 10 02 02  | unprocessed slag                                                                              |
| 10 03 16  | skimmings other than those mentioned in 10 03 15                                              |
| 10 03 22  | other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21 |
| 10 03 30  | wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29  |
| 10 05 01  | slags from primary and secondary production                                                   |
| 10 05 04  | other particulates and dust                                                                   |
| 10 05 11  | dross and skimmings other than those mentioned in 10 05 10                                    |
| 10 06 01  | slags from primary and secondary production                                                   |
| 10 06 02  | dross and skimmings from primary and secondary production                                     |
| 10 06 04  | other particulates and dust                                                                   |
| 10 07 01  | slags from primary and secondary production                                                   |
| 10 07 02  | dross and skimmings from primary and secondary production                                     |
| 10 07 04  | other particulates and dust                                                                   |
| 10 08 04  | particulates and dust                                                                         |
| 10 08 09  | other slags                                                                                   |
| 10 08 11  | dross and skimmings other than those mentioned in 10 08 10                                    |
| 10 09 03  | furnace slag                                                                                  |
| 10 09 12  | other particulates other than those mentioned in 10 09 11                                     |
| 10 10 03  | furnace slag                                                                                  |
| 10 10 12  | other particulates other than those mentioned in 10 10 11                                     |
| 10 12 03  | particulates and dust                                                                         |
| 11 05 02  | zinc ash                                                                                      |
| 19 01 12  | bottom ash and slag other than those mentioned in 19 01 11                                    |
| 19 01 14  | fly ash other than those mentioned in 19 01 13                                                |
| 19 01 16  | boiler dust other than those mentioned in 19 01 15                                            |
| 19 01 18  | pyrolysis wastes other than those mentioned in 19 01 17                                       |

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- 19 01 19 sands from fluidised beds
- 1 Hazardous
  - 10 01 04\* oil fly ash and -boiler dust
  - 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 16\* fly ash from co-incineration containing dangerous substances
  - 10 03 04\* primary production slags
  - 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 21\* other particulates and dust (including ball-mill dust) containing dangerous substances
  - 10 03 29\* wastes from treatment of salt slags and black drosses containing dangerous substances
  - 10 04 01\* slags from primary and secondary production
  - 10 04 02\* dross and skimmings from primary and secondary production
  - 10 04 05\* other particulates and dust
  - 10 05 10\* dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities
  - 10 08 08\* salt slag from primary and secondary production
  - 10 08 10\* dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities
  - 10 09 11\* other particulates containing dangerous substances
  - 10 10 11\* other particulates containing dangerous substances
  - 19 01 11\* bottom ash and slag containing dangerous substances
  - 19 01 13\* fly ash containing dangerous substances
  - 19 01 15\* boiler dust containing dangerous substances
  - 19 01 17\* pyrolysis wastes containing dangerous substances
- 12.5 Various mineral wastes
  - 12.51 Artificial mineral wastes
    - 0 Non-hazardous
      - 02 04 02 off-specification calcium carbonate
      - 06 09 04 calcium-based reaction wastes other than those mentioned in 06 09 03
      - 06 11 01 calcium-based reaction wastes from titanium dioxide production
      - 08 02 03 aqueous suspensions containing ceramic materials
      - 10 02 99 wastes not otherwise specified
      - 10 03 05 waste alumina
      - 10 03 99 wastes not otherwise specified
      - 10 04 99 wastes not otherwise specified
      - 10 05 99 wastes not otherwise specified
      - 10 09 14 waste binders other than those mentioned in 10 09 13
      - 10 11 03 waste glass-based fibrous materials
      - 10 11 05 particulates and dust
      - 10 11 14 glass-polishing and -grinding sludge other than those mentioned in 10 11 13

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|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| 10 11 99                         | wastes not otherwise specified                                                                             |
| 10 12 12                         | wastes from glazing other than those mentioned in 10 12 11                                                 |
| 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 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           |
| 12 01 17                         | waste blasting material other than those mentioned in 12 01 16                                             |
| 12 01 21                         | spent grinding bodies and grinding materials other than those mentioned in 12 01 20                        |
| 1 Hazardous                      |                                                                                                            |
| 06 09 03*                        | calcium-based reaction wastes containing or contaminated with dangerous substances                         |
| 10 11 13*                        | glass-polishing and -grinding sludge containing dangerous substances                                       |
| 10 12 11*                        | wastes from glazing containing heavy metals                                                                |
| 11 02 02*                        | sludges from zinc hydrometallurgy (incl. jarosite, goethite)                                               |
| 12 01 16*                        | waste blasting material containing dangerous substances                                                    |
| 12 01 20*                        | spent grinding bodies and grinding materials containing dangerous substances                               |
| 12.52 Waste refractory materials |                                                                                                            |
| 0 Non-hazardous                  |                                                                                                            |
| 10 09 06                         | casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05           |
| 10 09 08                         | casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07               |
| 10 09 99                         | wastes not otherwise specified                                                                             |
| 10 10 06                         | casting cores and moulds which have not undergone pouring other than those mentioned in 10 10 05           |
| 10 10 08                         | casting cores and moulds which have undergone pouring other than those mentioned in 10 10 07               |
| 16 11 02                         | carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01 |
| 16 11 04                         | other linings and refractories from metallurgical processes other than those mentioned in 16 11 03         |
| 16 11 06                         | linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05          |
| 1 Hazardous                      |                                                                                                            |
| 10 09 05*                        | casting cores and moulds which have not undergone pouring containing dangerous substances                  |
| 10 09 07*                        | casting cores and moulds which have undergone pouring containing dangerous substances                      |
| 10 10 05*                        | casting cores and moulds which have not undergone pouring containing dangerous substances                  |
| 10 10 07*                        | casting cores and moulds which have undergone pouring containing dangerous substances                      |
| 16 11 01*                        | carbon-based linings and refractories from metallurgical processes containing dangerous substances         |
| 16 11 03*                        | other linings and refractories from metallurgical processes containing dangerous substances                |
| 16 11 05*                        | linings and refractories from non-metallurgical processes containing dangerous substances                  |

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## 12.6 Contaminated soils and polluted dredging spoils

## 12.61 Polluted soils and rubble

## 1 Hazardous

- 05 01 05\* oil spills
- 17 05 03\* soil and stones containing dangerous substances
- 17 05 07\* track ballast containing dangerous substances

## 12.62 Polluted dredging spoils

## 1 Hazardous

- 17 05 05\* dredging spoil containing dangerous substances

## 13 Solidified, stabilised or vitrified waste

## 13.1 Solidified or stabilised waste

## 13.11 Solidified or stabilised waste

## 0 Non-hazardous

- 19 03 05 stabilised wastes other than those mentioned in 19 03 04
- 19 03 07 solidified wastes other than those mentioned in 19 03 06

## 1 Hazardous

- 19 03 04\* wastes marked as hazardous, partly stabilised
- 19 03 06\* wastes marked as hazardous, solidified

## 13.2 Vitrified wastes

## 13.21 Vitrified wastes

## 0 Non-hazardous

- 19 04 01 vitrified waste