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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)

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

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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 ⁽¹⁾,

Having regard to the opinion of the Economic and Social
Committee ⁽²⁾,

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

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 ⁽⁴⁾.
- (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 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

⁽¹⁾ 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).

⁽²⁾ OJ C 329, 17.11.1999, p. 17.

⁽³⁾ 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.

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

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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 NACE REV 1 as established by Council Regulation (EEC) No 3037/90 of 9 October 1990 on the statistical classification of economic activities in the European Community ⁽¹⁾ 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 ⁽²⁾.
- (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 ⁽³⁾, 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 ⁽⁴⁾.

⁽¹⁾ 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).

⁽²⁾ OJ L 184, 17.7.1999, p. 23.

⁽³⁾ 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).

⁽⁴⁾ 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).

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*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 ⁽¹⁾;
- (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 ⁽²⁾;
- (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 ⁽³⁾;
- (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 ⁽⁴⁾;
- (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 ⁽⁵⁾;
- (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.

*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,

⁽¹⁾ 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).

⁽²⁾ OJ L 365, 31.12.1994, p. 10.

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

⁽⁴⁾ OJ L 332, 28.12.2000, p. 91.

⁽⁵⁾ OJ L 182, 16.7.1999, p. 1.

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- 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.

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.

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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 ⁽¹⁾.
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.

⁽¹⁾ OJ L 181, 28.6.1989, p. 47.

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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.

▼B*ANNEX I***GENERATION OF WASTE**

SECTION 1

Coverage

The statistics are to be compiled for all activities classified within the coverage of Sections A to Q, of NACE REV 1. These Sections cover all economic activities.

This Annex also covers:

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

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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
19	07.2	Paper and cardboard wastes	Non-hazardous
20	07.3	Rubber wastes	Non-hazardous

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Aggregates list			
Item No	EWC-Stat/Version 3		Hazardous/Non-hazardous waste
	Code	Description	
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
45	12.4	Combustion wastes	Hazardous
46	12.6	Contaminated soils and polluted dredging spoils	Hazardous

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Aggregates list			
EWC-Stat/Version 3			
Item No	Code	Description	Hazardous/Non-hazardous waste
47	13	Solidified, stabilised or vitrified wastes	Non-hazardous
48	13	Solidified, stabilised or vitrified wastes	Hazardous

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- 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.

SECTION 7

Report on the coverage and quality of statistics

- 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.
- 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.

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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:
- 1.1. the following Sections, Divisions, Groups and Classes of NACE REV 1:

Item No	NACE REV1.1 Code	Description
1	A	Agriculture, hunting and forestry
2	B	Fishing
3	C	Mining and quarrying
4	DA	Manufacture of food products, beverages and tobacco
5	DB+DC	Manufacture of textiles and textile products + Manufacture of leather and leather products
6	DD	Manufacture of wood and wood products
7	DE	Manufacture of pulp, paper and paper products; publishing and printing
8	DF	Manufacture of coke, refined petroleum products and nuclear fuel
9	DG+DH	Manufacture of chemicals, chemical products, man-made fibres + Manufacture of rubber and plastic products
10	DI	Manufacture of other non-metallic mineral products
11	DJ	Manufacture of basic metals and fabricated metal products
12	DK+DL+DM	Manufacture of machinery and equipment + Manufacture of electrical and optical equipment + Manufacture of transport equipment
13	DN Excluded 37	Manufacturing n.e.c.
14	E	Electricity, gas, steam and hot water and water supply
15	F	Construction
16	G — Q Excluded 90 and 51.57	Services activities: Wholesale and retail trade; Repair of motor vehicles, motor cycles and personal and household goods + Hotels and Restaurants + Transports, storage and communications + Financial intermediation + Real estate, renting and business activities + Public administration, defence and compulsory social security + Education + Health and Social work + Other community, social and personal activities + Activities of households + Extra-territorial organisations and bodies
17	37	Recycling
18	51.57	Wholesale of waste and scrap

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Item No	NACE REV1.1 Code	Description
19	90	Sewage and refuse disposal, sanitation and similar activities

1.2. households

20		Waste generated by households
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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 ⁽¹⁾, 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 NACE REV 1 data distribution should be included.

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



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 NACE REV 1, 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.

SECTION 2

Waste categories

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

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

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Incineration			
Item No	EWC-Stat Version 2		Hazardous/Non-hazardous waste
	Code	Description	
	12 + 13		

Operations which may lead to recovery (excluding energy recovery)			
Item No	EWC-Stat Version 2		Hazardous/Non-hazardous waste
	Code	Description	
1	01.3	Used oils	Non-hazardous
2	01.3	Used oils	Hazardous
3	06	Metallic wastes	Non-hazardous
4	06	Metallic wastes	Hazardous
5	07.1	Glass wastes	Non-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	07.6	Textile wastes	Hazardous
12	09	Animal and vegetal wastes (excluding animal waste of food preparation and products; and excluding animal faeces, urine and manure)	Non-hazardous
13	09.11	Animal waste of food preparation and products	Non-hazardous
14	09.3	Animal faeces, urine and manure	Non-hazardous
15	12	Mineral waste	Non-hazardous
16	12	Mineral waste	Hazardous
17	01+02+03- +05+08+1- 0 + 11 + 13	Other Wastes, excluding Used oils (Chemical compound wastes + Chemical preparation wastes + Other chemical wastes + Health care and biological wastes + Discarded equipment + Mixed ordinary wastes + Common sludges + Solidified, stabilised or vitrified wastes)	Non-hazardous
18	01+02+03- +05+08+1- 0 + 11 + 13	Other Wastes, excluding Used oils (Chemical compound wastes + Chemical preparation wastes + Other chemical wastes + Health care and biological wastes + Discarded equipment + Mixed ordinary wastes + Common sludges + Solidified, stabilised or vitrified wastes)	Hazardous



Disposal (other than incineration):			
Item No	EWC-Stat Version 2		Hazardous/Non-hazardous waste
	Code	Description	
1	01 + 02 + 03	Chemical wastes, excluding Used oils (Chemical compound waste + Chemical preparation wastes + Other chemical wastes)	Non-hazardous
2	01 + 02 + 03	Chemical wastes, excluding Used oils (Chemical compound waste + Chemical preparation wastes + Other chemical wastes)	Hazardous
3	01.3	Used oils	Non-hazardous
4	01.3	Used oils	Hazardous
5	09	Animal and vegetal wastes (excluding animal waste of food preparation and products; and excluding animal faeces, urine and manure)	Non-hazardous
6	09.11	Animal waste of food preparation and products	Non-hazardous
7	09.3	Animal faeces, urine and manure	Non-hazardous
8	10.1	Household and similar waste	Non-hazardous
9	10.2	Mixed and undifferentiated materials	Non-hazardous
10	10.3	Sorting residues	Non-hazardous
11	11	Common sludges	Non-hazardous
12	12	Mineral wastes	Non-hazardous
13	12	Mineral wastes	Hazardous
14	05+06+07- + 08 + 13	Other wastes (Health care and biological wastes + Metallic wastes + Non-metallic wastes + Discarded equipment + Solidified, stabilised or vitrified wastes)	Non-hazardous
15	05+06+07- + 08 + 13	Other wastes (Health care and biological wastes + Metallic wastes + Non-metallic wastes + Discarded equipment + Solidified, stabilised or vitrified wastes)	Hazardous

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

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Number and capacity of recovery and disposal operations per region	
Item No	Description
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

▼B

Item No	Code	Types of recovery and disposal operations
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.)
	D4 +	Surface impoundment (e.g. placement of liquid or sludge discards into pits, ponds 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 NACE REV 1 data distribution should be included.

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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
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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
06 01 06*	other acids

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- 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
 - 06 04 03* wastes containing arsenic

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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
20 01 27*	paint, inks, adhesives and resins containing dangerous substances

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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
- 11 01 16* saturated or spent ion exchange resins
- 11 01 98* other wastes containing dangerous substances
- 16 01 13* brake fluids

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- 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
 - 10 01 25 wastes from fuel storage and preparation of coal-fired power plants
 - 10 03 02 anode scraps

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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
07 02 99	wastes not otherwise specified
07 03 99	wastes not otherwise specified

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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
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

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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
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

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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
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

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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
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

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

▼ **M1**

- 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
 - 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

▼ **M1**

- 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
 - 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

▼ M1

- 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
 - 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

▼ M1

- 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 components⁷ 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
 - 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)

▼ **M1**

- 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
- 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

▼ **M1**

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

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

▼ **M1**

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
- 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

▼ **M1**

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

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

▼ **M1**

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
- 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

▼M1

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
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

▼M1

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
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

▼ M1

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
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

▼ M1

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
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)

▼ M1

- 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
- 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

▼ M1

19 03 06* wastes marked as hazardous, solidified

13.2 Vitrified wastes

13.21 Vitrified wastes

0 Non-hazardous

19 04 01 vitrified waste