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*(Acts whose publication is obligatory)*

**REGULATION (EC) No 2150/2002 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL**  
**of 25 November 2002**  
**on waste statistics**  
**(Text with EEA relevance)**

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,

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

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

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

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

Whereas:

- (1) Regular Community statistics on the production and management of waste from businesses and private households are required by the Community for monitoring the implementation of waste policy. This creates the basis for monitoring compliance with the principles of maximisation of recovery and safe disposal. Statistical instruments are still required, however, for assessing compliance with the principle of waste prevention and to establish a link between waste generation data and global, national and regional inventories of resource use.
- (2) The terms for the description of waste and waste management need to be defined in order to ensure the comparability of results in waste statistics.

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

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

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

- (3) Community waste policy has led to the establishment of a set of principles to be followed by waste-producing units and waste management. This requires the monitoring of waste at different points of the waste-stream generation, collection, recovery and disposal.

- (4) Council Regulation (EC) No 322/97 of 17 February 1997 on Community statistics <sup>(4)</sup>.

- (5) To guarantee comparable results, waste statistics should be produced in accordance with the specified breakdown, in an appropriate form and within a fixed period of time from the end of the reference year.

- (6) Since the objective of the proposed measure, namely to establish a framework for the production of Community statistics on the generation, recovery and disposal of waste, cannot be sufficiently achieved by the Member States, by reason of the need to define terms of description of waste and waste management so as to ensure the comparability of the statistics supplied by the Member States, and can therefore be better achieved at Community level, the Community may adopt measures in accordance with the principle of subsidiarity as set out in Article 5 of the Treaty. In accordance with the principle of proportionality, as set out in that Article, this Regulation does not go beyond what is necessary in order to achieve the objective of the proposed measure.

- (7) Member States may need a transitional period for the establishment of their statistics on waste for all or some of the economic activities A, B and G to Q of 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 <sup>(5)</sup> for which their national statistical system requires major adaptations.

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

<sup>(5)</sup> OJ L 293, 24.10.1990, p. 1. Regulation as last amended by Commission Regulation (EC) No 29/2002 (OJ L 6, 10.1.2002, p. 3).

- (8) The measures necessary for the implementation of this Regulation should be adopted in accordance with Council Decision 1999/468/EC of 28 June 1999 laying down the procedures for the exercise of implementing powers conferred on the Commission <sup>(1)</sup>.
- (9) The Statistical Programme Committee has been consulted by the Commission,

HAVE ADOPTED THIS REGULATION:

### Article 1

#### Objective

1. The objective of this Regulation is to establish a framework for the production of Community statistics on the generation, recovery and disposal of waste.

2. Member States and the Commission, within their respective fields of competence, shall produce Community statistics on the generation, recovery and disposal of waste, excluding radioactive waste, which is already covered by other legislation.

3. The statistics shall cover the following areas:

- (a) Generation of waste according to Annex I;
- (b) Recovery and disposal of waste according to Annex II;
- (c) After the pilot studies according to Article 5: import and export of waste for which no data is collected under Council Regulation (EEC) No 259/93 of 1 February 1993 on the supervision and control of shipments of waste within, into and out of the European Community <sup>(2)</sup>, in accordance with Annex III.

4. In compiling the statistics, Member States and the Commission shall observe the mainly substance-oriented statistical nomenclature, as set out in Annex III.

5. The Commission shall, in accordance with the procedure referred to in Article 7(2), establish a table of equivalence between the statistical nomenclature of Annex III and the list of waste established by Commission Decision 2000/532/EC <sup>(3)</sup>.

<sup>(1)</sup> OJ L 184, 17.7.1999, p. 23.

<sup>(2)</sup> OJ L 30, 6.2.1993, p. 1. Regulation as last amended by Commission Regulation (EC) No 2557/2001 (OJ L 349, 31.12.2001, p. 1).

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

### Article 2

#### Definitions

For the purposes and within the framework of this Regulation:

- (a) 'waste' shall mean any substance or object as defined in Article 1(a) of Council Directive 75/442/EEC of 15 July 1975 on waste <sup>(4)</sup>;
- (b) 'separately collected fractions of waste' shall mean household and similar waste, selectively collected in homogeneous fractions by public services, non-profit organisations and private enterprises acting in the field of organised waste collection;
- (c) 'recycling' shall have the same meaning as in the definition given in Article 3(7) of European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste <sup>(5)</sup>;
- (d) 'recovery' shall mean any of the operations provided for in Annex II.B to Directive 75/442/EEC;
- (e) 'disposal' shall mean any of the operations provided for in Annex II.A to Directive 75/442/EEC;
- (f) 'recovery or disposal facility' shall mean a facility that requires a permit or registration pursuant to Articles 9, 10 or 11 of Directive 75/442/EEC;
- (g) 'hazardous waste' shall mean any waste as defined in Article 1(4) of Council Directive 91/689/EEC of 12 December 1991 on hazardous waste <sup>(6)</sup>;
- (h) 'non-hazardous waste' shall mean waste which is not covered by point (g);
- (i) 'incineration' shall mean thermal treatment of waste in an incineration plant as defined in Article 3(4) or a co-incineration plant as defined in Article 3(5) of Directive 2000/76/EC of the European Parliament and of the Council of 4 December 2000 on the incineration of waste <sup>(7)</sup>;
- (j) 'landfill' shall mean a waste disposal site as defined in Article 2(g) of Council Directive 1999/31/EC of 26 April 1999 on the landfill of waste <sup>(8)</sup>;

<sup>(4)</sup> OJ L 194, 25.7.1975, p. 39. Directive as last amended by Commission Decision 96/350/EC (OJ L 135, 6.6.1996, p. 32).

<sup>(5)</sup> OJ L 365, 31.12.1994, p. 10.

<sup>(6)</sup> OJ L 377, 31.12.1991, p. 20. Directive as amended by Directive 94/31/EC (OJ L 168, 2.7.1994, p. 28).

<sup>(7)</sup> OJ L 332, 28.12.2000, p. 91.

<sup>(8)</sup> OJ L 182, 16.7.1999, p. 1.

- (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,
- 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.

2. The Commission programme for pilot studies shall be consistent with the contents of Annexes I and II, particularly the aspects related to the scope and coverage of wastes, waste categories for the classification of waste, reference years and periodicity, taking into account the reporting obligations under Regulation (EEC) No 259/93.

3. The Commission shall finance up to 100 % of the costs for conducting the pilot studies.

4. On the basis of the conclusions of the pilot studies, the Commission shall inform the European Parliament and the Council of the possibilities of compiling statistics for the activities and characteristics covered by the pilot studies for import and export of waste. The Commission shall adopt the necessary implementation measures in accordance with the procedure referred to in Article 7(2).

5. The pilot studies shall be conducted at the latest within three years after the entry into force of this Regulation.

#### Article 6

##### Implementation measures

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

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

#### Article 7

##### Committee procedure

1. The Commission shall be assisted by the Statistical Programme Committee established by Council Decision 89/382/EEC, Euratom <sup>(1)</sup>.

2. Where reference is made to this paragraph, Articles 5 and 7 of Decision 1999/468/EC shall apply, having regard to the provisions of Article 8 thereof.

The period laid down in Article 5(6) of Decision 1999/468/EC shall be set at three months.

3. The Committee shall adopt its rules of procedure.

4. The Commission shall transmit to the Committee set up by Directive 75/442/EEC the draft measures that it intends to submit to the Statistical Programme Committee.

#### Article 8

##### Report

1. The Commission shall, within five years after the date of entry into force of this Regulation and every three years thereafter, submit a report to the European Parliament and the Council on the statistics compiled pursuant to this Regulation and in particular on their quality and the burden on businesses.

2. The Commission shall, within two years after the date of entry into force of this Regulation, submit to the European Parliament and the Council a proposal abolishing overlapping reporting obligations.

3. The Commission shall, within two years after the entry into force of this Regulation, submit to the European Parliament and the Council a report on the progress of the pilot studies referred to in Article 4(3) and Article 5(1). If necessary, it shall propose revisions of the pilot studies, to be decided upon in accordance with the procedure referred to in Article 7(2).

#### Article 9

##### Entry into force

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

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

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

Done at Brussels, 25 November 2002.

*For the European Parliament*

*The President*

P. COX

*For the Council*

*The President*

B. BENDTSEN

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## 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.

## SECTION 2

## Waste categories

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

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

Aggregates list			
Item No	EWC-Stat/Version 2		Hazardous/ Non-hazardous waste
	Code	Description	
19	07.1	Glass wastes	Non-hazardous
20	07.2	Paper and cardboard wastes	Non-hazardous
21	07.3	Rubber wastes	Non-hazardous
22	07.4	Plastic wastes	Non-hazardous
23	07.5	Wood wastes	Non-hazardous
24	07.6	Textile wastes	Non-hazardous
25	07.6	Textile wastes	Hazardous
26	08	Discarded equipment	Non-hazardous
27	08	Discarded equipment	Hazardous
28	08.1	Discarded vehicles	Non-hazardous
29	08.41	Batteries and accumulators wastes	Non-hazardous
30	08.41	Batteries and accumulators wastes	Hazardous
31	09	Animal and vegetal wastes (excluding animal waste of food preparation and products; and excluding animal faeces, urine and manure)	Non-hazardous
32	09.11	Animal waste of food preparation and products	Non-hazardous
33	09.3	Animal faeces, urine and manure	Non-hazardous
34	10.1	Household and similar wastes	Non-hazardous
35	10.2	Mixed and undifferentiated materials	Non-hazardous
36	10.3	Sorting residues	Non-hazardous
37	11	Common sludges (excluding dredging spoils)	Non-hazardous
38	11.3	Dredging spoils	Non-hazardous
39	12.1 + 12.2 + 12.3 + 12.5	Mineral wastes (excluding combustion wastes, contaminated soils and polluted dredging spoils)	Non-hazardous
40	12.1 + 12.2 + 12.3 + 12.5	Mineral wastes (excluding combustion wastes, contaminated soils and polluted dredging spoils)	Hazardous
41	12.4	Combustion wastes	Non-hazardous
42	12.4	Combustion wastes	Hazardous
43	12.6	Contaminated soils and polluted dredging spoils	Hazardous
44	13	Solidified, stabilised or vitrified wastes	Non-hazardous
45	13	Solidified, stabilised or vitrified wastes	Hazardous

2. 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**

1. Characteristics for the waste categories:

For each waste category listed in Section 2(1), the quantity of waste generated will be compiled.

2. Regionale characteristics:

Population or dwellings served by a collection scheme for mixed household and similar waste (NUTS 2 level).

### SECTION 4

#### **Reporting unit**

1. 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.
2. The reporting unit for regional characteristics should be the percentage of the population or dwellings.

### 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.

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

### SECTION 8

#### **Production of results**

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



## 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
19	90	Sewage and refuse disposal, sanitation and similar activities

## 1.2. households

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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 <sup>(1)</sup>, according to each Member State's statistical system.

In the quality report, to be produced under Section 7, a description of how the chosen statistical unit affects the groupings of NACE REV 1 data distribution should be included.

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<sup>(1)</sup> 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

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

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

Operations which may lead to recovery  
(excluding energy recovery)

Item No	EWC-Stat Version 2		Hazardous/ Non-hazardous waste
	Code	Description	
16	12	Mineral waste	Hazardous
17	01 + 02 + 03 + 05 + 08 + 10 + 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 + 10 + 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

Disposal (other than incineration):			
Item No	EWC-Stat Version 2		Hazardous/ Non-hazardous waste
	Code	Description	
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
2	Capacity in units according to the operations, NUTS 2 level
Waste treated per recovery and disposal operation, including import	
3	Total quantities of waste treated, by the operation specific waste categories listed in Section 2, excluding recycling of waste on the site where the waste was generated, NUTS 1 level

## SECTION 4

**Reporting unit**

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

## SECTION 5

**First reference year and periodicity**

1. The first reference year is the second calendar year following the entry into force of this Regulation.

2. Member States shall furnish data for every second year, after the first reference year, for the facilities which are referred to in Section 8(2).

## SECTION 6

**Transmission of results to Eurostat**

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

## SECTION 7

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

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

## SECTION 8

**Production of results**

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

Item No	Code	Types of recovery and disposal operations
Incineration		
1	R1	Use principally as a fuel or other means to generate energy
2	D10	Incineration on land
Operations which may lead to recovery (excluding energy recovery)		
3	R2 +	Solvent reclamation/regeneration
	R3 +	Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)
	R4 +	Recycling/reclamation of metals and metal compounds
	R5 +	Recycling/reclamation of other inorganic materials
	R6 +	Regeneration of acids or bases
	R7 +	Recovery of components used for pollution abatement
	R8 +	Recovery of components from catalysts
	R9 +	Oil refining or other reuses of oil
	R10 +	Land treatment resulting in benefit to agriculture or ecological improvement
	R11	Use of wastes obtained from any of the operations numbered R1 to R10

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

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

In the quality report, to be produced under Section 7, a description of how the chosen statistical unit affects the groupings of NACE REV 1 data distribution should be included.



## ANNEX III

## WASTE STATISTICAL NOMENCLATURE

as referred to in Annex I, Section 2(1) and Annex II, Section 2 EWC-Stat REV 2 (mainly substance oriented waste statistical nomenclature)

## 01 compound wastes

## 01.1 Spent solvents

## 01.11 Halogenated spent solvents

## 1 Hazardous

aqueous solvent mixes containing halogens

chlorofluorocarbons

degreasing wastes containing solvents without a liquid phase

halogenated solvents and solvent mixes

organic halogenated solvents, washing liquids and mother liquors

other halogenated solvents

other halogenated solvents and solvent mixes

sludges containing halogenated solvents

sludges or solid wastes containing halogenated solvents

## 01.12 Non halogenated spent solvents

## 0 Non-hazardous

wastes from solvent extraction

## 1 Hazardous

aqueous solvent mixes free of halogens

other organic solvents, washing liquids and mother liquors

other solvents and solvent mixes

sludges containing other solvents

sludges or solid wastes containing other solvents

sludges or solid wastes free of halogenated solvents

solvent mixes or organic liquids free of halogenated solvents

solvents

solvents and solvent mixes free of halogenated solvents

## 01.2 Acid, alkaline or saline wastes

## 01.21 Acid wastes

## 0 Non-hazardous

cyanide-free wastes not containing chromium

acids

- 1 Hazardous
  - acidic pickling solutions
  - acids not otherwise specified
  - bleach solutions and bleach fixer solutions
  - cyanide-free wastes containing chromium
  - electrolyte from batteries and accumulators
  - fixer solutions
  - hydrochloric acid
  - nitric acid and nitrous acid
  - phosphoric and phosphorous acid
  - sulphuric acid
  - sulphuric acid and sulphurous acid
  - waste not otherwise specified
- 01.22 Alkaline wastes
  - 0 Non-hazardous
    - alkalines
  - 1 Hazardous
    - alkalis not otherwise specified
    - ammonia
    - calcium hydroxide
    - cyanidic (alkaline) wastes containing heavy metals other than chromium
    - cyanidic (alkaline) wastes which do not contain heavy metals
    - metal hydroxide sludges and other sludges from metal insolubilisation treatment
    - soda
    - solvent based developer solutions
    - wastes containing cyanide
    - wastes not otherwise specified
    - water based developer and activator solutions
    - water based offset plate developer solutions
- 01.23 Saline solutions
  - 0 Non-hazardous
    - saline solutions containing sulphates, sulphites or sulphides
    - saline solutions containing chlorides, fluorides and halides
    - saline solutions containing phosphates and related solid salts
    - saline solutions containing nitrates and related compounds
  - 1 Hazardous
    - waste from electrolytic refining

- 01.24 Other saline wastes
  - 0 Non-hazardous
    - barite-containing drilling muds and wastes
    - carbonates
    - chloride-containing drilling muds and wastes
    - metallic oxides
    - phosphates and related solid salts
    - salts and solutions containing organic compounds
    - sludges from copper hydrometallurgy
    - solid salts containing ammonium
    - solid salts containing chlorides, fluorides and other halogenated solid salts
    - solid salts containing nitrides (nitrometallic)
    - solid salts containing sulphates, sulphites or sulphides
    - waste containing sulphur
    - waste from potash and rock salt processing
    - wastes not otherwise specified
  - 1 Hazardous
    - metallic salts
    - other wastes
    - phosphatizing sludges
    - salt slags from secondary smelting
    - salts and solutions containing cyanides
    - sludges from zinc hydrometallurgy (including jarosite, goethite)
    - waste from treatment of salt slags and black drosses treatment
    - wastes containing arsenic
    - wastes containing mercury
    - wastes containing other heavy metals
- 01.3 Used oils
  - 01.31 Used motor oils
    - 1 Hazardous
      - chlorinated engine, gear and lubricating oils
      - non-chlorinated engine, gear and lubricating oils
      - other engine, gear and lubricating oils
  - 01.32 Other used oils
    - 0 Non-hazardous
      - oil-containing drilling muds and wastes
      - desalted sludges

sludges from plant, equipment and maintenance operations

sludges from grinding, honing and lapping

polishing sludges

wastes not otherwise specified

1 Hazardous

acid alkyl sludges

brake fluids

chlorinated emulsions

hydraulic oils containing only mineral oil

hydraulic oils, containing PCBs or PCTs

insulating or heat transmission oils and other liquids containing PCBs or PCTs

machining sludges

mineral insulating and heat transmission oils

non chlorinated emulsions

non chlorinated hydraulic oils (not emulsions)

non-chlorinated insulating and heat transmission oils and other liquids

oil waste not otherwise specified

other chlorinated hydraulic oils (not emulsions)

other chlorinated insulating and heat transmission oils and other liquids

other hydraulic oils

spent waxes and fats

synthetic insulating and heat transmission oils and other liquids

synthetic machining oils

tank bottom sludges

waste machining emulsions containing halogens

waste machining emulsions free of halogens

waste machining oils containing halogens (not emulsions)

waste machining oils free of halogens (not emulsions)

01.4 Spent chemical catalysts

01.41 Spent chemical catalysts

0 Non-hazardous

other spent catalysts

spent catalysts containing precious metals

spent catalysts e.g. from NO<sub>x</sub> removal

spent catalysts e.g. from removal of NO<sub>x</sub>

## 02 Chemical preparation wastes

## 02.1 Off-specification chemical wastes

## 02.11 Agrochemical product wastes

## 1 Hazardous

agrochemical wastes

inorganic pesticides, biocides and wood preserving agents

pesticides

## 02.12 Unused medicines

## 0 Non-hazardous

discarded chemicals and medicines

medicines

## 02.13 Paints, varnish, inks and adhesive wastes

## 0 Non-hazardous

aqueous liquid waste containing ink

aqueous liquid wastes containing adhesives and sealants

aqueous sludges containing adhesives and sealants

aqueous sludges containing ink

aqueous sludges containing paint or varnish

aqueous suspensions containing paint or varnish

dried ink

dye stuffs and pigments

hardened adhesives and sealants

hardened paints and varnishes

powder paints

waste coating powders

waste from paint or varnish removal

waste from water-based ink

waste from water-based paints and varnishes

waste printing toner (including cartridges)

wastes from water-based adhesives and sealants

wastes not otherwise specified

## 1 Hazardous

adhesives and sealants sludges containing halogenated solvents

adhesives and sealants sludges free of halogenated solvents

ink sludges containing halogenated solvents

ink sludges free of halogenated solvents

paint, inks, adhesives and resins

sludges from paint or varnish removal containing halogenated solvents  
sludges from paint or varnish removal free of halogenated solvents  
waste adhesives and sealants containing halogenated solvents  
waste adhesives and sealants free of halogenated solvents  
waste ink containing halogenated solvents  
waste ink free of halogenated solvents  
waste paints and varnish containing halogenated solvents  
waste paints and varnish free of halogenated solvents

02.14 Other chemical preparation wastes

0 Non-hazardous

aerosols  
bleaching sludges from hypochlorite and chlorine processes  
bleaching sludges from other bleaching processes  
detergents  
industrial gases in high pressure cylinders, LPG containers and industrial aerosol containers (including halons)  
photographic film and paper containing silver or silver compounds  
waste from chemical treatment  
waste from nitrogen chemical processes and fertiliser manufacture  
wastes from preserving agents  
wastes from production of silicon and silicon derivatives  
wastes not otherwise specified

1 Hazardous

non-halogenated organic wood preservatives  
organochlorinated wood preservatives  
organometallic wood preservatives  
inorganic wood preservatives  
sludges containing mercury  
discarded chemicals  
photo chemicals

02.2 Unused explosives

02.21 Waste explosives and pyrotechnical products

1 Hazardous

fireworks waste  
other waste explosives

- 02.22 Waste ammunition
  - 1 Hazardous
    - waste ammunition
- 02.3 Mixed chemical wastes
  - 02.31 Minor mixed chemical wastes
    - 0 Non-hazardous
      - other waste containing inorganic chemicals, e.g. lab chemicals not otherwise specified, fire extinguishing powders
      - other waste containing organic chemicals, e.g. lab chemicals not otherwise specified
  - 02.32 Chemical wastes mixed for treatment
    - 0 Non-hazardous
      - premixed wastes for final disposal
  - 02.33 Packaging polluted by hazardous substances
- 03 Other chemical wastes
  - 03.1 Chemical deposits and residues
    - 03.11 Tars and carbonaceous wastes
      - 0 Non-hazardous
        - asphalt
        - wastes not otherwise specified
        - carbon black
        - anode scraps
        - wastes from the production of anodes for aqueous electrolytical processes
      - 1 Hazardous
        - acid tars
        - other tars
        - tars and other carbon-containing wastes from anode manufacture
    - 03.12 Oils/water emulsions sludges
      - 1 Hazardous
        - bilge oils from inland navigation
        - bilge oils from jetty sewers
        - desalter sludges or emulsions
        - interceptor sludges
        - oil/water separator sludges
        - oil/water separator solids
        - other emulsions
        - waste from marine transport tank cleaning, containing chemicals
        - waste from railway and road transport tank cleaning, containing chemicals
        - waste from storage tank cleaning, containing chemicals

## 03.13 Chemical reaction residues

## 0 Non-hazardous

dregs and green liquor sludge (from black liquor treatment)  
tanning liquor containing chromium  
tanning liquor free of chromium  
wastes not otherwise specified

## 1 Hazardous

aqueous washing liquids and mother liquors  
halogenated still bottoms and reaction residues  
non-vitrified solid phase  
other still bottoms and reaction residues

## 03.14 Spent filtration and absorbent materials

## 0 Non-hazardous

sludges from decarbonation  
spent activated carbon  
saturated or spent ion exchange resins  
solutions and sludges from regeneration of ion exchangers

## 1 Hazardous

activated carbon from chlorine production  
filter cake from gas treatment  
halogenated filter cakes, spent absorbents  
other filter cakes, spent absorbents  
saturated or spent ion exchange resins  
solutions and sludges from regeneration of ion exchangers  
spent activated carbon  
spent filter clays

## 03.2 Industrial effluent sludges

## 03.21 Sludges from industrial processes and effluent treatment

## 0 Non-hazardous

anaerobic treatment sludges of animal and vegetal wastes  
anaerobic treatment sludges of municipal and similar wastes  
de-inking sludges from paper recycling  
landfill leachate  
sludges containing chromium  
sludges free of chromium  
sludges from on site effluent treatment  
sludges not otherwise specified  
wastes not otherwise specified



- 03.22 Sludges containing hydrocarbons
  - 0 Non-hazardous
    - wastes not otherwise specified
  - 1 Hazardous
    - aqueous liquid waste from oil regeneration
    - aqueous washing liquids
    - steam degreasing wastes
    - waste from marine transport tank cleaning, containing oil
    - waste from railway and road transport tank cleaning containing oil
    - waste from storage tank cleaning, containing oil
    - grease and oil mixture from oil/waste water separation
- 04 Radioactive wastes
  - 04.1 Nuclear waste
    - 04.11 Nuclear wastes
  - 04.2 Spent ionising sources
    - 04.21 Spent ionising sources
  - 04.3 Equipment and products contaminated by radioactivity
    - 04.31 Equipment and products contaminated by radioactivity
  - 04.4 Soils contaminated by radioactivity
    - 04.41 Soils contaminated by radioactivity
- 05 Health care and biological wastes
  - 05.1 Infectious health care wastes
    - 05.11 Human infectious health care wastes
      - 0 Non-hazardous
        - body parts and organs including blood bags and blood preserves
      - 1 Hazardous
        - other wastes whose collection and disposal is subject to special requirements in view of the prevention of infection
    - 05.12 Animal infectious health care wastes
      - 0 Non-hazardous
        - sharps
  - 05.2 Non-infectious health care wastes
    - 05.21 Non-infectious human health care wastes
    - 05.22 Non-infectious animal health care wastes

05.3 Genetic engineering wastes

05.31 Genetic engineering wastes

1 Hazardous

other wastes whose collection and disposal is subject to special requirements in view of the prevention of infection

06 Metallic wastes

06.1 Ferrous metal waste and scrap

06.11 Ferrous metal waste and scrap

0 Non-hazardous

discarded moulds

ferrous metal filings and turnings

other ferrous metals particles

iron and steel

ferrous materials removed from bottom ash

06.2 Non-ferrous metal waste and scrap

06.21 Waste precious metal

1 Hazardous

waste containing silver from on-site treatment of photographic waste

06.22 Waste aluminium packaging

06.23 Other waste aluminium

0 Non-hazardous

aluminium

06.24 Copper waste

0 Non-hazardous

copper, bronze, brass

cables

06.25 Lead waste

0 Non-hazardous

lead

06.26 Other metal wastes

0 Non-hazardous

non-ferrous metal filings and turnings

other non-ferrous metal particules

zinc

tin

## 06.3 Mixed metal wastes

## 06.31 Mixed metallic packaging

- 0 Non-hazardous
  - metallic
  - small metals (cans etc)
  - other metals

## 06.32 Other mixed metallic wastes

- 0 Non-hazardous
  - wastes not otherwise specified
  - mixed metals

## 07 Non-metallic wastes

## 07.1 Glass wastes

## 07.11 Glass packaging

- 0 Non-hazardous
  - glass

## 07.12 Other glass wastes

- 0 Non-hazardous
  - waste glass
  - glass

## 07.2 Paper and cardboard wastes

## 07.21 Waste paper and cardboard packaging

- 0 Non-hazardous
  - paper and cardboard

## 07.22 Waste composite packaging carton

## 07.23 Other paper and cardboard wastes

- 0 Non-hazardous
  - fibre and paper sludge
  - wastes not otherwise specified
  - paper and cardboard

## 07.3 Rubber wastes

## 07.31 Used tyres

- 0 Non-hazardous
  - used tyres

## 07.32 Other rubber wastes

## 07.4 Plastic wastes

## 07.41 Plastic packaging wastes

- 0 Non-hazardous
  - plastic

- 07.42 Other plastic wastes
  - 0 Non-hazardous
    - waste plastics (excluding packaging)
    - plastics particles
    - waste from the plastic convertor industry
    - plastic
    - small plastics
    - other plastics
- 07.5 Wood wastes
  - 07.51 Wood packaging
    - 0 Non-hazardous
      - wooden
  - 07.52 Sawdust and shavings
    - 0 Non-hazardous
      - sawdust
      - shavings, cuttings, spoiled timber/particle board/veneer
  - 07.53 Other wood wastes
    - 0 Non-hazardous
      - waste bark and cork
      - bark
      - wood
- 07.6 Textile wastes
  - 07.61 Worn clothing
  - 07.62 Miscellaneous textiles wastes
    - 0 Non-hazardous
      - absorbents, filter materials, wiping cloths, protective clothing
      - clothes
      - non-halogenated wastes from dressing and finishing
      - textiles
      - wastes from composite materials (impregnated textile, elastomer, plastomer)
      - wastes from processed mixed textile fibres
      - wastes from processed textile fibres mainly of animal origin
      - wastes from processed textile fibres mainly of artificial or synthetic origin
      - wastes from processed textile fibres mainly of vegetable origin
      - wastes from unprocessed mixed textile fibres before spinning and weaving

- wastes from unprocessed textile fibres and other natural fibrous substances mainly of vegetable origin
- wastes from unprocessed textile fibres mainly artificial or synthetic
- wastes from unprocessed textile fibres mainly of animal origin
- 1 Hazardous
  - halogenated wastes from dressing and finishing
- 07.63 Leather wastes
  - 0 Non-hazardous
    - waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
    - wastes from dressing and finishing
    - wastes not otherwise specified
- 08 Discarded equipment
  - 08.1 Discarded vehicles
    - 08.11 Discarded private cars
      - 0 Non-hazardous
        - end of life vehicles
    - 08.12 Other discarded vehicles
      - 0 Non-hazardous
        - discarded vehicles
  - 08.2 Discarded electrical and electronic equipment
    - 08.21 Discarded major household equipment
    - 08.22 Discarded minor household equipment
    - 08.23 Other discarded electrical and electronic equipment
      - 0 Non-hazardous
        - single-use cameras with batteries
        - single use cameras without batteries
        - other discarded electronic equipment (e.g. printed circuit boards)
        - electronic equipment (e.g. printed circuit boards)
  - 08.3 Bulky household equipment
    - 08.31 Bulky household equipment
  - 08.4 Discarded machines and equipment components
    - 08.41 Batteries and accumulators wastes
      - 0 Non-hazardous
        - alkaline batteries
        - other batteries and accumulators
        - batteries

- 1 Hazardous
  - transformers and capacitors containing PCB or PCTs
  - lead batteries
  - Ni-Cd batteries
  - mercury dry cells
- 08.42 Spent catalytic equipment
  - 0 Non-hazardous
    - catalysts removed from vehicles containing precious metals
    - other catalysts removed from vehicles
  - 08.43 Other discarded machines and equipment components
    - 0 Non-hazardous
      - wastes not otherwise specified
      - equipment containing chlorofluorocarbons
      - other discarded equipment
      - equipment containing chlorofluorocarbons
    - 1 Hazardous
      - 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
        - animal tissue waste
        - sludges from washing and cleaning
        - fleshings and lime split waste
        - liming waste
        - organic matter from natural products (e.g. grease, wax)
      - 09.12 Vegetal waste of food preparation and products
        - 0 Non-hazardous
          - sludges from washing and cleaning
          - plant tissue waste
          - sludges from washing, cleaning, peeling, centrifuging and separation
          - materials unsuitable for consumption or processing
          - wastes not otherwise specified
          - wastes from washing, cleaning and mechanical reduction of the raw material
          - sludges from on-site effluent treatment

- 09.13 Mixed waste of food preparation and products
  - 0 Non-hazardous
    - materials unsuitable for consumption or processing
    - oil and fat
    - organic compostable kitchen waste (including frying oil and kitchen waste from canteens and restaurants)
    - wastes not otherwise specified
- 09.2 Green wastes
  - 09.21 Green wastes
    - 0 Non-hazardous
      - waste from forestry exploitation
      - compostable wastes
  - 09.3 Animal faeces, urine and manure
    - 09.31 Slurry and manure
      - 0 Non-hazardous
        - 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
        - mixed municipal waste
    - 10.12 Street cleaning wastes
      - 0 Non-hazardous
        - waste from markets
        - street cleaning residues
  - 10.2 Mixed and undifferentiated materials
    - 10.21 Mixed packaging
      - 0 Non-hazardous
        - mixed
    - 10.22 Other mixed and undifferentiated materials
      - 0 Non-hazardous
        - aqueous liquid waste from vitrified waste tempering
        - composite packaging
        - inorganic off-specification batches
        - organic off-specification batches
        - other inorganic wastes with metals not otherwise specified
        - photographic film and paper free of silver or silver compounds

solid wastes from ship cargoes

spent blasting grit

waste not otherwise specified

wastes whose collection and disposal is not subject to special requirements in view of the prevention of infection

wastes whose collection and disposal is not subject to special requirements in view of the prevention of infection (e.g. dressing, plaster casts, linen, disposable clothing, diapers)

welding wastes

### 10.3 Sorting residues

#### 10.31 Vehicle shredder wastes

0 Non-hazardous

light fraction from automobile shredding

#### 10.32 Other sorting residues

0 Non-hazardous

rejects from paper and cardboard recycling

shredder residues

non-composted fraction of municipal and similar wastes

non-composted fraction of animal and vegetable wastes

off specification compost

wastes not otherwise specified

screenings

## 11 Common sludges

### 11.1 Waste water treatment sludges

#### 11.11 Sludges from treatment of public sewerage water

0 Non-hazardous

sludges from treatment of urban waste water

#### 11.12 Biodegradable sludges from treatment of other waste water

0 Non-hazardous

sludges from on-site effluent treatment

waste from cooling columns

wastes not otherwise specified

sludges from the treatment of industrial waste water

wastes not otherwise specified

### 11.2 Sludges from purification of drinking and process water

#### 11.21 Sludges from purification of drinking and process water

0 Non-hazardous

boiler feedwater sludges

sludges from water clarification

wastes not otherwise specified



- 11.3 Unpolluted dredging spoils
  - 11.31 Unpolluted dredging spoils
    - 0 Non-hazardous
      - dredging spoil
- 11.4 Cesspit contents
  - 11.41 Cesspit contents
    - 0 Non-hazardous
      - septic tank sludge
- 12 Mineral wastes
  - 12.1 Construction and demolition wastes
    - 12.11 Concrete, bricks and gypsum waste
      - 0 Non-hazardous
        - wastes not otherwise specified
        - wastes from other cement-based composite materials
        - concrete
        - bricks
        - gypsum based construction materials
    - 12.12 Waste hydrocarbonised road-surfacing material
      - 0 Non-hazardous
        - asphalt containing tar
        - asphalt (not containing tar)
        - tar and tar products
      - 1 Hazardous
        - insulation materials containing asbestos
    - 12.13 Mixed construction wastes
      - 0 Non-hazardous
        - other insulation materials
        - mixed construction and demolition waste
  - 12.2 Asbestos wastes
    - 12.21 Asbestos wastes
      - 0 Non-hazardous
        - wastes from asbestos-cement manufacture
        - discarded equipment containing free asbestos
        - wastes from the asbestos processing industry
        - asbestos based construction materials
      - 1 Hazardous
        - wastes containing asbestos from electrolysis

### 12.3 Waste of naturally occurring minerals

#### 12.31 Waste of naturally occurring minerals

##### 0 Non-hazardous

aqueous sludges containing ceramic materials

dusty and powdery waste

fresh-water drilling muds and wastes

other non-compostable wastes

red mud from the alumina production

soil and stones

soil from cleaning and washing beet

solid wastes from primary filtration and screening

tailings

waste from mineral metaliferous excavation

waste from mineral non-metaliferous excavation

waste from stone cutting and sawing

waste from the dressing of metaliferous minerals

waste from the dressing of non-metaliferous minerals

waste from washing and cleaning of minerals

waste gravel and crushed rocks

waste preparation mixture before thermal processing

waste sand and clays

wastes from desanding

wastes not otherwise specified

### 12.4 Combustion wastes

#### 12.41 Waste from flue gas purification

##### 0 Non-hazardous

calcium based reaction wastes from flue gas desulphurisation in sludge form

calcium based reaction wastes from flue gas desulphurisation in solid form

flue gas dust

other sludges from gas treatment

other solid wastes from gas treatment

sludges from gas treatment

solid wastes from gas treatment

##### 1 Hazardous

aqueous liquid waste from gas treatment and other aqueous liquid wastes

flue gas dust

fly ash and other flue gas treatment wastes

sludges from gas treatment

solid waste from gas treatment

## 12.42 Slags and ashes from thermal treatment and combustion

## 0 Non-hazardous

aqueous sludges from boiler cleansing  
bottom ash  
bottom ash and slag  
dross and skimmings (first and second smelting)  
furnace dust  
furnace slag  
other particulates and dust  
other particulates and dust (including ball mill dust)  
other sludges  
peat fly ash  
phosphorous slag  
pyrolysis wastes  
slags (first and second smelting)  
solid waste from gas treatment  
unprocessed slag  
waste from the processing of slag  
wastes not otherwise specified

## 1 Hazardous

black drosses from secondary smelting  
boiler dust  
calcium arsenate  
dross and skimmings (first and second smelting)  
fly ash  
oil fly ash  
other particulates and dust  
primary smelting slags/white drosses  
skimmings  
slags (first and second smelting)

## 12.5 Various mineral wastes

## 12.51 Artificial mineral wastes

## 0 Non-hazardous

alumina dust  
aqueous suspensions containing ceramic materials  
gypsum from titanium dioxide production

- off specification calcium carbonate
- other particulates and dust
- phosphogypsum
- tiles and ceramics
- waste from calcination and hydration of lime
- waste glass-based fibrous materials
- wastes from spirits distillation
- wastes not otherwise specified
- 12.52 Waste refractory materials
  - 0 Non-hazardous
    - casting cores and moulds containing organic binders which have not undergone pouring
    - casting cores and moulds containing organic binders which have undergone pouring
    - furnace dust
    - spent linings and refractories
    - used carbon strips and fireproof materials from electrolysis
    - wastes not otherwise specified
  - 1 Hazardous
    - spent pot linings
    - spent activated carbon from flue gas treatment
- 12.6 Contaminated soils and polluted dredging spoils
  - 12.61 Polluted soils and rubble
    - 1 Hazardous
      - oil spills
  - 12.62 Polluted dredging spoils
- 13 Solidified, stabilised or vitrified waste
  - 13.1 Solidified or stabilised waste
    - 13.11 Solidified or stabilised waste
      - 0 Non-hazardous
        - wastes stabilised/solidified with hydraulic binders
        - wastes stabilised/solidified with organic binders
        - wastes stabilised by biological treatment
    - 13.2 Vitrified wastes
      - 13.21 Vitrified wastes
        - 0 Non-hazardous
          - vitrified wastes

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