I

(Acts whose publication is obligatory)


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 (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.


(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 (5) for which their national statistical system requires major adaptations.


(2) OJ C 329, 17.11.1999, p. 17.


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

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 (1).

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 (2), 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 (3).

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 (4);

(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 (5);

(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 (6);

(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 (7);


(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 (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.

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.


For the European Parliament
The President
P. COX

For the Council
The President
B. BENDTSEN
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:

<table>
<thead>
<tr>
<th>Item No</th>
<th>Aggregates list</th>
<th>EWC-Stat/Version 2</th>
<th>Hazardous/Non-hazardous waste</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Code</td>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>01.1</td>
<td>Spent solvents</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>2</td>
<td>01.1</td>
<td>Spent solvents</td>
<td>Hazardous</td>
</tr>
<tr>
<td>3</td>
<td>01.2</td>
<td>Acid, alkaline or saline wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>4</td>
<td>01.2</td>
<td>Acid, alkaline or saline wastes</td>
<td>Hazardous</td>
</tr>
<tr>
<td>5</td>
<td>01.3</td>
<td>Used oils</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>6</td>
<td>01.3</td>
<td>Used oils</td>
<td>Hazardous</td>
</tr>
<tr>
<td>7</td>
<td>01.4</td>
<td>Spent chemical catalysts</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>8</td>
<td>01.4</td>
<td>Spent chemical catalysts</td>
<td>Hazardous</td>
</tr>
<tr>
<td>9</td>
<td>02</td>
<td>Chemical preparation wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>10</td>
<td>02</td>
<td>Chemical preparation wastes</td>
<td>Hazardous</td>
</tr>
<tr>
<td>11</td>
<td>03.1</td>
<td>Chemical deposits and residues</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>12</td>
<td>03.1</td>
<td>Chemical deposits and residues</td>
<td>Hazardous</td>
</tr>
<tr>
<td>13</td>
<td>03.2</td>
<td>Industrial effluent sludges</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>14</td>
<td>03.2</td>
<td>Industrial effluent sludges</td>
<td>Hazardous</td>
</tr>
<tr>
<td>15</td>
<td>05</td>
<td>Health care and biological wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>16</td>
<td>05</td>
<td>Health care and biological wastes</td>
<td>Hazardous</td>
</tr>
<tr>
<td>17</td>
<td>06</td>
<td>Metallic wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>18</td>
<td>06</td>
<td>Metallic wastes</td>
<td>Hazardous</td>
</tr>
<tr>
<td>Item No</td>
<td>Code</td>
<td>Description</td>
<td>Hazardous/Non-hazardous waste</td>
</tr>
<tr>
<td>---------</td>
<td>------</td>
<td>-------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>19</td>
<td>07.1</td>
<td>Glass wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>20</td>
<td>07.2</td>
<td>Paper and cardboard wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>21</td>
<td>07.3</td>
<td>Rubber wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>22</td>
<td>07.4</td>
<td>Plastic wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>23</td>
<td>07.5</td>
<td>Wood wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>24</td>
<td>07.6</td>
<td>Textile wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>25</td>
<td>07.6</td>
<td>Textile wastes</td>
<td>Hazardous</td>
</tr>
<tr>
<td>26</td>
<td>08</td>
<td>Discarded equipment</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>27</td>
<td>08</td>
<td>Discarded equipment</td>
<td>Hazardous</td>
</tr>
<tr>
<td>28</td>
<td>08.1</td>
<td>Discarded vehicles</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>29</td>
<td>08.41</td>
<td>Batteries and accumulators wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>30</td>
<td>08.41</td>
<td>Batteries and accumulators wastes</td>
<td>Hazardous</td>
</tr>
<tr>
<td>31</td>
<td>09</td>
<td>Animal and vegetal wastes (excluding animal waste of food preparation and products; and excluding animal faeces, urine and manure)</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>32</td>
<td>09.11</td>
<td>Animal waste of food preparation and products</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>33</td>
<td>09.3</td>
<td>Animal faeces, urine and manure</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>34</td>
<td>10.1</td>
<td>Household and similar wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>35</td>
<td>10.2</td>
<td>Mixed and undifferentiated materials</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>36</td>
<td>10.3</td>
<td>Sorting residues</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>37</td>
<td>11</td>
<td>Common sludges (excluding dredging spoils)</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>38</td>
<td>11.3</td>
<td>Dredging spoils</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>39</td>
<td>12.1 + 12.2 + 12.3 + 12.5</td>
<td>Mineral wastes (excluding combustion wastes, contaminated soils and polluted dredging spoils)</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>40</td>
<td>12.1 + 12.2 + 12.3 + 12.5</td>
<td>Mineral wastes (excluding combustion wastes, contaminated soils and polluted dredging spoils)</td>
<td>Hazardous</td>
</tr>
<tr>
<td>41</td>
<td>12.4</td>
<td>Combustion wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>42</td>
<td>12.4</td>
<td>Combustion wastes</td>
<td>Hazardous</td>
</tr>
<tr>
<td>43</td>
<td>12.6</td>
<td>Contaminated soils and polluted dredging spoils</td>
<td>Hazardous</td>
</tr>
<tr>
<td>44</td>
<td>13</td>
<td>Solidified, stabilised or vitrified wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>45</td>
<td>13</td>
<td>Solidified, stabilised or vitrified wastes</td>
<td>Hazardous</td>
</tr>
</tbody>
</table>
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:
## NACE REV 1: Sections, Divisions, Groups and Classes

<table>
<thead>
<tr>
<th>Item No</th>
<th>NACE REV1.1 Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>A</td>
<td>Agriculture, hunting and forestry</td>
</tr>
<tr>
<td>2</td>
<td>B</td>
<td>Fishing</td>
</tr>
<tr>
<td>3</td>
<td>C</td>
<td>Mining and quarrying</td>
</tr>
<tr>
<td>4</td>
<td>DA</td>
<td>Manufacture of food products, beverages and tobacco</td>
</tr>
<tr>
<td>5</td>
<td>DB+DC</td>
<td>Manufacture of textiles and textile products + Manufacture of leather and leather products</td>
</tr>
<tr>
<td>6</td>
<td>DD</td>
<td>Manufacture of wood and wood products</td>
</tr>
<tr>
<td>7</td>
<td>DE</td>
<td>Manufacture of pulp, paper and paper products; publishing and printing</td>
</tr>
<tr>
<td>8</td>
<td>DF</td>
<td>Manufacture of coke, refined petroleum products and nuclear fuel</td>
</tr>
<tr>
<td>9</td>
<td>DG+DH</td>
<td>Manufacture of chemicals, chemical products, man-made fibres + Manufacture of rubber and plastic products</td>
</tr>
<tr>
<td>10</td>
<td>DI</td>
<td>Manufacture of other non-metallic mineral products</td>
</tr>
<tr>
<td>11</td>
<td>DJ</td>
<td>Manufacture of basic metals and fabricated metal products</td>
</tr>
<tr>
<td>12</td>
<td>DK+DL+DM</td>
<td>Manufacture of machinery and equipment + Manufacture of electrical and optical equipment + Manufacture of transport equipment</td>
</tr>
<tr>
<td>13</td>
<td>DN</td>
<td>Manufacturing n.e.c.</td>
</tr>
<tr>
<td></td>
<td>Excluded 37</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>E</td>
<td>Electricity, gas, steam and hot water and water supply</td>
</tr>
<tr>
<td>15</td>
<td>F</td>
<td>Construction</td>
</tr>
<tr>
<td>16</td>
<td>G — Q</td>
<td>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</td>
</tr>
<tr>
<td></td>
<td>Excluded 90 and 51.57</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>37</td>
<td>Recycling</td>
</tr>
<tr>
<td>18</td>
<td>51.57</td>
<td>Wholesale of waste and scrap</td>
</tr>
<tr>
<td>19</td>
<td>90</td>
<td>Sewage and refuse disposal, sanitation and similar activities</td>
</tr>
</tbody>
</table>
1.2. households

<table>
<thead>
<tr>
<th></th>
<th>Waste generated by households</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>

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.

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:

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

<table>
<thead>
<tr>
<th>Item No</th>
<th>Code</th>
<th>Description</th>
<th>Hazardous/Non-hazardous waste</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>06 +</td>
<td>Other wastes</td>
<td>Hazardous</td>
</tr>
<tr>
<td></td>
<td>07 +</td>
<td>Metallic wastes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>08 +</td>
<td>Non-metallic wastes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>09 +</td>
<td>Discarded equipment</td>
<td></td>
</tr>
<tr>
<td></td>
<td>12 +</td>
<td>Animal and vegetal wastes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>13</td>
<td>Mineral wastes + Solidified, stabilised or vitrified wastes</td>
<td></td>
</tr>
</tbody>
</table>

### Operations which may lead to recovery (excluding energy recovery)

<table>
<thead>
<tr>
<th>Item No</th>
<th>Code</th>
<th>Description</th>
<th>Hazardous/Non-hazardous waste</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>01.3</td>
<td>Used oils</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>2</td>
<td>01.3</td>
<td>Used oils</td>
<td>Hazardous</td>
</tr>
<tr>
<td>3</td>
<td>06</td>
<td>Metallic wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>4</td>
<td>06</td>
<td>Metallic wastes</td>
<td>Hazardous</td>
</tr>
<tr>
<td>5</td>
<td>07.1</td>
<td>Glass wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>6</td>
<td>07.2</td>
<td>Paper and cardboard wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>7</td>
<td>07.3</td>
<td>Rubber wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>8</td>
<td>07.4</td>
<td>Plastic wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>9</td>
<td>07.5</td>
<td>Wood wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>10</td>
<td>07.6</td>
<td>Textile wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>11</td>
<td>07.6</td>
<td>Textile wastes</td>
<td>Hazardous</td>
</tr>
<tr>
<td>12</td>
<td>09</td>
<td>Animal and vegetal wastes</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(excluding animal waste of food preparation and products; and excluding animal faeces, urine and manure)</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>09.11</td>
<td>Animal waste of food preparation and products</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>14</td>
<td>09.3</td>
<td>Animal faeces, urine and manure</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>15</td>
<td>12</td>
<td>Mineral waste</td>
<td>Non-hazardous</td>
</tr>
</tbody>
</table>
Operations which may lead to recovery
(excluding energy recovery)

<table>
<thead>
<tr>
<th>Item No</th>
<th>Code</th>
<th>Description</th>
<th>Hazardous/Non-hazardous waste</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>12</td>
<td>Mineral waste</td>
<td>Hazardous</td>
</tr>
<tr>
<td>17</td>
<td>01 + 02 + 03 + 05 + 08 + 10 + 11 + 13</td>
<td>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)</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>18</td>
<td>01 + 02 + 03 + 05 + 08 + 10 + 11 + 13</td>
<td>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)</td>
<td>Hazardous</td>
</tr>
</tbody>
</table>

Disposal (other than incineration):

<table>
<thead>
<tr>
<th>Item No</th>
<th>Code</th>
<th>Description</th>
<th>Hazardous/Non-hazardous waste</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>01 + 02 + 03</td>
<td>Chemical wastes, excluding Used oils (Chemical compound waste + Chemical preparation wastes + Other chemical wastes)</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>2</td>
<td>01 + 02 + 03</td>
<td>Chemical wastes, excluding Used oils (Chemical compound waste + Chemical preparation wastes + Other chemical wastes)</td>
<td>Hazardous</td>
</tr>
<tr>
<td>3</td>
<td>01.3</td>
<td>Used oils</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>4</td>
<td>01.3</td>
<td>Used oils</td>
<td>Hazardous</td>
</tr>
<tr>
<td>5</td>
<td>09</td>
<td>Animal and vegetal wastes (excluding animal waste of food preparation and products; and excluding animal faeces, urine and manure)</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>6</td>
<td>09.11</td>
<td>Animal waste of food preparation and products</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>7</td>
<td>09.3</td>
<td>Animal faeces, urine and manure</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>8</td>
<td>10.1</td>
<td>Household and similar waste</td>
<td>Non-hazardous</td>
</tr>
<tr>
<td>9</td>
<td>10.2</td>
<td>Mixed and undifferentiated materials</td>
<td>Non-hazardous</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Item No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Number of operation facilities, NUTS 2 level</td>
</tr>
<tr>
<td>2</td>
<td>Capacity in units according to the operations, NUTS 2 level</td>
</tr>
<tr>
<td>3</td>
<td>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</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Item No</th>
<th>Code</th>
<th>Types of recovery and disposal operations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Incineration</td>
</tr>
<tr>
<td>1</td>
<td>R1</td>
<td>Use principally as a fuel or other means to generate energy</td>
</tr>
<tr>
<td>2</td>
<td>D10</td>
<td>Incineration on land</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Operations which may lead to recovery (excluding energy recovery)</td>
</tr>
<tr>
<td>3</td>
<td>R2 +</td>
<td>Solvent reclamation/regeneration</td>
</tr>
<tr>
<td></td>
<td>R3 +</td>
<td>Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes)</td>
</tr>
<tr>
<td></td>
<td>R4 +</td>
<td>Recycling/reclamation of metals and metal compounds</td>
</tr>
<tr>
<td></td>
<td>R5 +</td>
<td>Recycling/reclamation of other inorganic materials</td>
</tr>
<tr>
<td></td>
<td>R6 +</td>
<td>Regeneration of acids or bases</td>
</tr>
<tr>
<td></td>
<td>R7 +</td>
<td>Recovery of components used for pollution abatement</td>
</tr>
<tr>
<td></td>
<td>R8 +</td>
<td>Recovery of components from catalysts</td>
</tr>
<tr>
<td></td>
<td>R9 +</td>
<td>Oil refining or other reuses of oil</td>
</tr>
<tr>
<td></td>
<td>R10 +</td>
<td>Land treatment resulting in benefit to agriculture or ecological improvement</td>
</tr>
<tr>
<td></td>
<td>R11</td>
<td>Use of wastes obtained from any of the operations numbered R1 to R10</td>
</tr>
<tr>
<td>Item No</td>
<td>Code</td>
<td>Types of recovery and disposal operations</td>
</tr>
<tr>
<td>---------</td>
<td>------</td>
<td>------------------------------------------</td>
</tr>
<tr>
<td>4</td>
<td>D1</td>
<td>Deposit into or onto land (e.g. landfill etc.)</td>
</tr>
<tr>
<td></td>
<td>D3</td>
<td>Deep injection (e.g. injection of pumpable discards into wells, salt domes or naturally occurring repositories etc.)</td>
</tr>
<tr>
<td></td>
<td>D4</td>
<td>Surface impoundment (e.g. placement of liquid or sludge discards into pits, pounds or lagoons etc.)</td>
</tr>
<tr>
<td></td>
<td>D5</td>
<td>Special engineered landfill (e.g. placement into lined discrete cells which are capped and isolated from one another and the environment etc.)</td>
</tr>
<tr>
<td></td>
<td>D12</td>
<td>Permanent storage (e.g. emplacement of containers in a mine etc.)</td>
</tr>
<tr>
<td>5</td>
<td>D2</td>
<td>Land treatment (e.g. biodegradation of liquid or sludgy discards in soils etc.)</td>
</tr>
<tr>
<td></td>
<td>D6</td>
<td>Release into a water body except seas/oceans</td>
</tr>
<tr>
<td></td>
<td>D7</td>
<td>Release into seas/oceans including sea-bed insertion</td>
</tr>
</tbody>
</table>

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 IIA and IIB 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 emulsioned)
waste machining oils free of halogens (not emulsioned)

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 NOx removal
spent catalysts e.g. from removal of NOx
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
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>02.22</td>
<td>Waste ammunition</td>
</tr>
<tr>
<td>02.3</td>
<td>Mixed chemical wastes</td>
</tr>
<tr>
<td>02.31</td>
<td>Minor mixed chemical wastes</td>
</tr>
<tr>
<td>02.32</td>
<td>Chemical wastes mixed for treatment</td>
</tr>
<tr>
<td>02.33</td>
<td>Packaging polluted by hazardous substances</td>
</tr>
<tr>
<td>03</td>
<td>Other chemical wastes</td>
</tr>
<tr>
<td>03.1</td>
<td>Chemical deposits and residues</td>
</tr>
<tr>
<td>03.11</td>
<td>Tars and carbonaceous wastes</td>
</tr>
<tr>
<td>03.12</td>
<td>Oils/water emulsions sludges</td>
</tr>
</tbody>
</table>

### 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

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

12.3.1 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

12.4.1 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