

2005 No. 895

ENVIRONMENTAL PROTECTION, ENGLAND

The List of Wastes (England) Regulations 2005

Made - - - - *23rd March 2005*

Laid before Parliament *24th March 2005*

Coming into force - - *16th July 2005*

The Secretary of State, being a Minister designated(a) in relation to measures relating to the prevention, reduction and elimination of pollution caused by waste, in exercise of the powers conferred upon her by section 2(2) of the European Communities Act 1972(b), makes the following Regulations:

Citation, commencement and application

1.—(1) These Regulations may be cited as the List of Wastes (England) Regulations 2005 and come into force on 16th July 2005.

(2) These Regulations apply to England only.

Interpretation

2.—(1) In these Regulations—

- (a) “the Waste Directive” means Council Directive 75/442/EEC(c) on waste as amended by—
 - (i) Council Directives 91/156/EEC(d) and 91/692/EEC(e);
 - (ii) Commission Decision 96/350/EC(f); and
 - (iii) Regulation (EC) No 1882/2003(g);
- (b) Directive 67/548/EEC (the Dangerous Substances Directive, which is referred to in the Introduction to the List) means Directive 67/548/EEC(h) on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances as last amended by Council Regulation (EC) No. 807/2003(i); and

(a) S.I. 1992/2870.

(b) 1972 c. 68.

(c) OJ No L 194, 25.7.1975, p. 39.

(d) OJ No. L 78, 26.3.1991, p. 32.

(e) OJ No. L 377, 31.12.1991, p. 48 (as corrected by Corrigendum, OJ L 146, 13.6.2003, p. 52 (91/692/EEC)).

(f) OJ No. L 135, 6.6.1996, p. 32.

(g) OJ No. L 284, 31.10.2003 p.1.

(h) OJ No. L 196, 16.8.1967, p. 1.

(i) OJ No. L 122, 16.5.2003, p. 36, which amended the committee procedure in Article 29 with effect from 5th June 2003. Directive 67/548/EEC was also amended from 1st May 2004 by Section K of Annex II to the Act of Accession of ten Member States (OJ L 236, 23.9.2003, p. 53 at p. 96 and was last adapted to technical progress for the 28th time by Commission Directive 2001/59/EC (OJ L 225, 21.8.2001, p. 1).

- (c) “the Hazardous Waste Directive” means Council Directive 91/689/EEC(a) of 31st December 1991 on hazardous waste, as amended by Council Directive 94/31/EC(b), and a reference to—
- (i) an annex of the Hazardous Waste Directive is a reference to that annex as it is for the time being set out in the relevant schedule to the Hazardous Waste (England) Regulations; and
 - (ii) hazardous properties is a reference to the properties in Annex III as so set out.
- (2) In these Regulations—
- (a) “the List of Wastes Decision” means Commission Decision 2000/532/EC(c) of 3 May 2000 replacing Decision 94/3/EC(d) establishing a list of wastes pursuant to Article 1(a) of Council Directive 75/442/EEC on waste and Council Decision 94/904/EC(e) establishing a list of hazardous waste pursuant to Article 1(4) of Council Directive 91/689/EEC on hazardous waste, as amended by—
 - (i) Commission Decision 2001/118/EC(f);
 - (ii) Commission Decision 2001/119/EC(g); and
 - (iii) Council Decision 2001/573/EC(h);
 - (b) “the List of Wastes” means the list of wastes set out in the Annex to the List of Wastes Decision, as it is set out in Schedule 1, being a list drawn up—
 - (i) in relation to wastes belonging to the categories listed in Annex I (Categories of Waste) of the Waste Framework Directive, by the Commission, acting in accordance with the procedure laid down in Article 18 of that Directive;
 - (ii) in relation to hazardous waste, in accordance with the procedure laid down in Article 18 of the Waste Framework Directive on the basis of—
 - (aa) Annex I (Categories or generic types of hazardous waste listed according to their nature or the activity which generated them) to the Hazardous Waste Directive; and
 - (bb) Annex II (Constituents of the wastes in Annex 1.B. which render them hazardous when they have the properties described in Annex III) to the Hazardous Waste Directive,

and a reference to the List of Wastes includes a reference to the Introduction thereto (“the Introduction to the List”).
- (3) In these Regulations—
- (a) “the Hazardous Waste Regulations” means the Hazardous Waste (England and Wales) Regulations 2005(i);
 - (b) “hazardous waste” has the meaning given by regulation 6 of the Hazardous Waste Regulations;
 - (c) “waste” has the meaning given by regulation 2(1)(b) of the Hazardous Waste Regulations; and
 - (d) “dangerous substance” means, notwithstanding paragraph 5 of the Introduction to the List, a substance which for the time being is a dangerous substance within the meaning of regulation 2 of the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002(j).

(a) OJ No. L 377, 31.12.1991, p. 20 (as corrected by Corrigendum to Directive 91/689/EC (OJ No. L23 30.1.1998 EC)).
 (b) OJ No. L 168, 2.7.1994, p. 28.
 (c) OJ No. L 226, 6.9.2000, p. 3.
 (d) OJ No. L 5, 7.1.1994, p. 15.
 (e) OJ No. L 356, 31.12.1994, p. 14.
 (f) OJ No. L 47, 16.2.2001, p. 1.
 (g) OJ No. L 47, 16.2.2001, p. 32.
 (h) OJ No. L 192, 14.7.2001, p. 24.
 (i) S.I. 2005/894.
 (j) S.I. 2002/1689, to which there are amendments not relevant to these Regulations.

Effect of the List of Wastes

3.—(1) Subject to regulation 2(3)(d) and the following provisions of this regulation, the List of Wastes has effect for purposes connected with the regulation of waste and hazardous waste, and in particular for the purposes of—

- (a) the determination of whether a material or substance is a waste or a hazardous waste, as the case may be;
- (b) the classification and coding of wastes and hazardous waste,

and accordingly the List of Wastes and the codes and chapter headings shall be recognised and used for those purposes.

(2) Paragraph (1) is without prejudice to any regulations made under section 62A(1) of the Environmental Protection Act 1990^(a) or any determination under regulations 8 or 9 of the Hazardous Waste Regulations.

(3) Subject to regulation 2(3)(c), the notes set out in the Introduction to the List have effect for the purposes of—

- (a) the interpretation of the List of Wastes;
- (b) the determination of whether a material or substance is a waste or a hazardous waste, as the case may be; and
- (c) the identification of a waste or hazardous waste, as the case may be.

(4) The different types of wastes in the List of Wastes are fully defined by the six-digit code for the waste and the respective two-digit and four-digit chapter headings, and accordingly, for purposes connected with the regulation of waste or hazardous waste—

- (a) any reference to a waste by its six-digit code as specified in the List of Wastes is to be treated as a reference to that waste; and
- (b) a reference to wastes by the respective two-digit or four-digit chapter heading is a reference to the wastes listed in the List of Wastes under that chapter heading.

(5) Where any provision (howsoever expressed) of an enactment imposes a requirement that the six digit code be given, or authorises any action to be taken or requirement to be dispensed with on condition that the six digit code is given, that requirement or condition shall not be taken to have been complied with unless the code given is the code for the waste, or hazardous waste, as the case may be, in the List of Wastes.

(6) Subject to paragraph (7), a waste marked with an asterisk in the List of Wastes is considered listed in the List of Wastes as a hazardous waste for the purposes of regulation 6(a) of the Hazardous Waste Regulations.

(7) Where a waste marked with an asterisk in the List of Wastes comprises or contains one or more dangerous substances, it is considered a hazardous waste—

- (a) where the description in the List of Wastes makes no reference to a dangerous substance, regardless of the actual concentration of any dangerous substance present or properties of the waste or that substance;
- (b) where a waste is identified as hazardous by a specific or general reference (howsoever expressed) to dangerous substances, if the concentrations of those substances are such (that is, percentage by weight) that the waste—
 - (i) presents one or more of the hazardous properties ; and
 - (ii) in the case of any of the hazardous properties H3 to H8, H10 or H11, satisfies the requirements of regulation 4.

(a) 1990 c.43.

Properties and characteristics of dangerous substances classified as hazardous waste

4. Wastes satisfies the requirements of this regulation in respect of any of the properties H3 to H8, H10(a) and H11 of Annex III, where it displays one or more of the following characteristics—

- (a) flash point ≤ 55 °C;
- (b) one or more substances classified **(b)** as very toxic at a total concentration $\geq 0,1$ %;
- (c) one or more substances classified as toxic at a total concentration ≥ 3 %;
- (d) one or more substances classified as harmful at a total concentration ≥ 25 %;
- (e) one or more corrosive substances classified as R35 at a total concentration ≥ 1 %;
- (f) one or more corrosive substances classified as R34 at a total concentration ≥ 5 %;
- (g) one or more irritant substances classified as R41 at a total concentration ≥ 10 %;
- (h) one or more irritant substances classified as R36, R37, R38 at a total concentration ≥ 20 %;
- (i) one substance known to be carcinogenic of category 1 or 2 at a concentration $\geq 0,1$ %;
- (j) one substance known to be carcinogenic of category 3 at a concentration ≥ 1 %;
- (k) one substance toxic for reproduction of category 1 or 2 classified as R60, R61 at a concentration $\geq 0,5$ %;
- (l) one substance toxic for reproduction of category 3 classified as R62, R63 at a concentration ≥ 5 %;
- (m) one mutagenic substance of category 1 or 2 classified as R46 at a concentration $\geq 0,1$ %;
- (n) one mutagenic substance of category 3 classified as R40 at a concentration ≥ 1 %.

Consequential Amendments

5. Schedule 2 (which makes consequential amendments to secondary legislation) has effect.

Elliot Morley
Minister of State

23rd March 2005

Department for Environmental, Food and Rural Affairs

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- (a) In Directive 92/32/EEC amending for the seventh time Directive 67/548/EEC the term 'toxic for reproduction' was introduced. The term 'teratogenic' was replaced by a corresponding term 'toxic for reproduction'. This term is considered to be in line with property H10 in Annex III to Directive 91/689/EEC.
 - (b) The classification as well as the R numbers refer to the Dangerous Substances Directive. The concentration limits refer to those laid down in Dangerous Preparations Directive (1999/45/EC; OJ No. L200, 30.7.1999, p.1) as amended by Regulation (EC) No. 1882/2003 (OJ No. L284, 31.10.2003, p.1).

THE LIST OF WASTES – THE ANNEX TO THE LIST OF WASTES
DECISION

“ANNEX

List of wastes pursuant to Article 1(a) of Directive 75/442/EEC on waste and Article 1(4) of Directive 91/689/EEC on hazardous waste

Introduction

1. The present list is a harmonised list of wastes. It will be periodically reviewed on the basis of new knowledge and, in particular, of research results, and if necessary revised in accordance with Article 18 of Directive 75/442/EEC. However, the inclusion of a material in the list does not mean that the material is a waste in all circumstances. Materials are considered to be waste only where the definition of waste in Article 1(a) of Directive 75/442/EEC is met.

2. Wastes included in the list are subject to the provisions of Directive 75/442/EEC except where Article 2(1)(b) of this Directive applies.

3. The different types of wastes in the list are fully defined by the six-digit code for the waste and the respective two-digit and four-digit chapter headings. This implies that the following steps should be taken to identify a waste in the list.

3.1. Identify the source generating the waste in chapters 01 to 12 or 17 to 20 and identify the appropriate six-digit code of the waste (excluding codes ending with 99 of these chapters). A specific production unit may need to classify its activities in several chapters. For instance, a car manufacturer may find its wastes listed in chapters 12 (wastes from shaping and surface treatment of metals), 11 (inorganic wastes containing metals from metal treatment and the coating of metals) and 08 (wastes from the use of coatings), depending on the different process steps.

Note: separately collected packaging waste (including mixtures of different packaging materials) shall be classified in 15 01, not in 20 01.

3.2. If no appropriate waste code can be found in chapters 01 to 12 or 17 to 20, the chapters 13, 14 and 15 must be examined to identify the waste.

3.3. If none of these waste codes apply, the waste must be identified according to chapter 16.

3.4. If the waste is not in chapter 16 either, the 99 code (wastes not otherwise specified) must be used in the section of the list corresponding to the activity identified in step one.

4. Any waste marked with an asterisk (*) is considered as a hazardous waste pursuant to Directive 91/689/EEC on hazardous waste, and subject to the provisions of that Directive unless Article 1(5) of that Directive applies.

5. For the purpose of this Decision, ‘dangerous substance’ means any substance that has been or will be classified as dangerous in Directive 67/548/EEC and its subsequent amendments; ‘heavy metal’ means any compound of antimony, arsenic, cadmium, chromium(VI), copper, lead, mercury, nickel, selenium, tellurium, thallium and tin, as well as these materials in metallic form, as far as these are classified as dangerous substances.

6. If a waste is identified as hazardous by a specific or general reference to dangerous substances, the waste is hazardous only if the concentrations of those substances are such (i.e. percentage by weight) that the waste presents one or more of the properties listed in Annex III to Council Directive 91/689/EEC. As regards H3 to H8, H10 and H11, Article 2 of this Decision shall apply. For the characteristics H1, H2, H9 and H12 to H14 Article 2 of the present Decision does not provide specifications at present.

7. In line with Directive 1999/45/EC (OJ No. L200, 30.7.1999, p.1), which states in its preamble that the case of alloys has been considered to need further assessment because the characteristics of alloys are such that it may not be possible accurately to determine their properties using currently available conventional methods, the provisions of Article 2 would not apply to pure metal alloys (not contaminated by dangerous substances). This will be so pending further work that the Commission and Member States have taken the commitment to undertake on the specific approach of the classification of alloys. The waste materials which are specifically enumerated in this list, shall remain classified as at present.

8. The following rules for numbering of the items in the list have been used: For those wastes that were not changed, the code numbers from Commission Decision 94/3/EC have been used. The codes for wastes that were changed have been deleted and remain unused in order to avoid confusion after implementation of the new list. Wastes added have been given a code that has not been used in Commission Decision 94/3/EC and Commission Decision 2000/532/EC.

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Chapters of the list

- 01 Wastes resulting from exploration, mining, quarrying, physical and chemical treatment of minerals
- 02 Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing
- 03 Wastes from wood processing and the production of panels and furniture, pulp, paper and cardboard
- 04 Wastes from the leather, fur and textile industries
- 05 Wastes from petroleum refining, natural gas purification and pyrolytic treatment of coal
- 06 Wastes from inorganic chemical processes
- 07 Wastes from organic chemical processes
- 08 Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and vitreous enamels), adhesives, sealants and printing inks
- 09 Wastes from the photographic industry
- 10 Wastes from thermal processes
- 11 Wastes from chemical surface treatment and coating of metals and other materials; non-ferrous hydro-metallurgy
- 12 Wastes from shaping and physical and mechanical surface treatment of metals and plastics
- 13 Oil wastes and wastes of liquid fuels (except edible oils, 05 and 12)
- 14 Waste organic solvents, refrigerants and propellants (except 07 and 08)
- 15 Waste packaging; absorbents, wiping cloths, filter materials and protective clothing not otherwise specified

16 Wastes not otherwise specified in the list

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

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

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01 01 01 wastes from mineral metalliferous excavation

01 01 02 wastes from mineral non-metalliferous excavation

01 03 wastes from physical and chemical processing of metalliferous minerals

01 03 04* acid-generating tailings from processing of sulphide ore

01 03 05* other tailings containing dangerous substances

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FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING**

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02 01 01 sludges from washing and cleaning

02 01 02 animal-tissue waste

02 01 03 plant-tissue waste

02 01 04 waste plastics (except packaging)

02 01 06 animal faeces, urine and manure (including spoiled straw), effluent, collected separately
and treated off-site

02 01 07 wastes from forestry

02 01 08* agrochemical waste containing dangerous substances

02 01 09 agrochemical waste other than those mentioned in 02 01 08

02 01 10 waste metal

02 01 99 wastes not otherwise specified

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02 02 01 sludges from washing and cleaning

02 02 02 animal-tissue waste

02 02 03 materials unsuitable for consumption or processing

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02 03 02 wastes from preserving agents

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03 01 01 waste bark and cork

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03 03 01 waste bark and wood

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03 03 05 de-inking sludges from paper recycling

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04 01 01 fleshings and lime split wastes

04 01 02 liming waste

04 01 03* degreasing wastes containing solvents without a liquid phase

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04 01 07 sludges, in particular from on-site effluent treatment free of chromium

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04 01 09 wastes from dressing and finishing

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04 02 10 organic matter from natural products (for example grease, wax)

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04 02 16* dyestuffs and pigments containing dangerous substances

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05 01 02* desalter sludges

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05 06 03* other tars

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05 06 99 wastes not otherwise specified

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05 07 01* wastes containing mercury

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05 07 99 wastes not otherwise specified

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06 01 02* hydrochloric acid

06 01 03* hydrofluoric acid

06 01 04* phosphoric and phosphorous acid

06 01 05* nitric acid and nitrous acid

06 01 06* other acids

06 01 99 wastes not otherwise specified

06 02 wastes from the MFSU of bases

06 02 01* calcium hydroxide

06 02 03* ammonium hydroxide

06 02 04* sodium and potassium hydroxide

06 02 05* other bases

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06 06 02* wastes containing dangerous sulphides

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06 07 wastes from the MFSU of halogens and halogen chemical processes

06 07 01* wastes containing asbestos from electrolysis

06 07 02* activated carbon from chlorine production

06 07 03* barium sulphate sludge containing mercury

06 07 04* solutions and acids, for example contact acid

06 07 99 wastes not otherwise specified

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06 09 wastes from the MFSU of phosphorous chemicals and phosphorous chemical processes

06 09 02 phosphorous slag

06 09 03* calcium-based reaction wastes containing or contaminated with dangerous substances

06 09 04 calcium-based reaction wastes other than those mentioned in 06 09 03

06 09 99 wastes not otherwise specified

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06 10 02* wastes containing dangerous substances

06 10 99 wastes not otherwise specified

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06 11 01 calcium-based reaction wastes from titanium dioxide production

06 11 99 wastes not otherwise specified

06 13 wastes from inorganic chemical processes not otherwise specified

06 13 01* inorganic plant protection products, wood-preserving agents and other biocides.

06 13 02* spent activated carbon (except 06 07 02)
06 13 03 carbon black
06 13 04* wastes from asbestos processing
06 13 05* soot
06 13 99 wastes not otherwise specified

07 WASTES FROM ORGANIC CHEMICAL PROCESSES

07 01 wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals

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

07 02 wastes from the MFSU of plastics, synthetic rubber and man-made fibres

07 02 01* aqueous washing liquids and mother liquors
07 02 03* organic halogenated solvents, washing liquids and mother liquors
07 02 04* other organic solvents, washing liquids and mother liquors
07 02 07* halogenated still bottoms and reaction residues
07 02 08* other still bottoms and reaction residues
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07 03 wastes from the MFSU of organic dyes and pigments (except 06 11)

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- 07 03 04* other organic solvents, washing liquids and mother liquors
- 07 03 07* halogenated still bottoms and reaction residues
- 07 03 08* other still bottoms and reaction residues
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- 07 03 10* other filter cakes and spent absorbents
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- 07 03 99 wastes not otherwise specified

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

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

07 05 wastes from the MFSU of pharmaceuticals

- 07 05 01* aqueous washing liquids and mother liquors
- 07 05 03* organic halogenated solvents, washing liquids and mother liquors
- 07 05 04* other organic solvents, washing liquids and mother liquors
- 07 05 07* halogenated still bottoms and reaction residues
- 07 05 08* other still bottoms and reaction residues
- 07 05 09* halogenated filter cakes and spent absorbents
- 07 05 10* other filter cakes and spent absorbents
- 07 05 11* sludges from on-site effluent treatment containing dangerous substances
- 07 05 12 sludges from on-site effluent treatment other than those mentioned in 07 05 11
- 07 05 13* solid wastes containing dangerous substances
- 07 05 14 solid wastes other than those mentioned in 07 05 13
- 07 05 99 wastes not otherwise specified

07 06 wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics

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

07 07 wastes from the MFSU of fine chemicals and chemical products not otherwise specified

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

08 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS

08 01 wastes from MFSU and removal of paint and varnish

- 08 01 11* waste paint and varnish containing organic solvents or other dangerous substances
- 08 01 12 waste paint and varnish other than those mentioned in 08 01 11
- 08 01 13* sludges from paint or varnish containing organic solvents or other dangerous substances
- 08 01 14 sludges from paint or varnish other than those mentioned in 08 01 13
- 08 01 15* aqueous sludges containing paint or varnish containing organic solvents or other dangerous substances
- 08 01 16 aqueous sludges containing paint or varnish other than those mentioned in 08 01 15

08 02 wastes from MFSU of other coatings (including ceramic materials)

- 08 02 01 waste coating powders
- 08 02 02 aqueous sludges containing ceramic materials
- 08 02 03 aqueous suspensions containing ceramic materials
- 08 02 99 wastes not otherwise specified

08 03 wastes from MFSU of printing inks

- 08 03 07 aqueous sludges containing ink
- 08 03 08 aqueous liquid waste containing ink
- 08 03 12* waste ink containing dangerous substances
- 08 03 13 waste ink other than those mentioned in 08 03 12
- 08 03 14* ink sludges containing dangerous substances
- 08 03 15 ink sludges other than those mentioned in 08 03 14
- 08 03 16* waste etching solutions
- 08 03 17* waste printing toner containing dangerous substances
- 08 03 18 waste printing toner other than those mentioned in 08 03 17
- 08 03 19* disperse oil
- 08 03 99 wastes not otherwise specified

08 04 wastes from MFSU of adhesives and sealants (including waterproofing products)

- 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances
- 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09
- 08 04 11* adhesive and sealant sludges containing organic solvents or other dangerous substances
- 08 04 12 adhesive and sealant sludges other than those mentioned in 08 04 11
- 08 04 13* aqueous sludges containing adhesives or sealants containing organic solvents or other dangerous substances
- 08 04 14 aqueous sludges containing adhesives or sealants other than those mentioned in 08 04 13
- 08 04 15* aqueous liquid waste containing adhesives or sealants containing organic solvents or other dangerous substances
- 08 04 16 aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
- 08 04 17* rosin oil
- 08 04 99 wastes not otherwise specified

08 05 wastes not otherwise specified in 08

- 08 05 01* waste isocyanates

09 WASTES FROM THE PHOTOGRAPHIC INDUSTRY

09 01 wastes from the photographic industry

- 09 01 01* water-based developer and activator solutions
- 09 01 02* water-based offset plate developer solutions
- 09 01 03* solvent-based developer solutions
- 09 01 04* fixer solutions
- 09 01 05* bleach solutions and bleach fixer solutions
- 09 01 06* wastes containing silver from on-site treatment of photographic wastes
- 09 01 07 photographic film and paper containing silver or silver compounds
- 09 01 08 photographic film and paper free of silver or silver compounds
- 09 01 10 single-use cameras without batteries
- 09 01 11* single-use cameras containing batteries included in 16 06 01, 16 06 02 or 16 06 03
- 09 01 12 single-use cameras containing batteries other than those mentioned in 09 01 11
- 09 01 13* aqueous liquid waste from on-site reclamation of silver other than those mentioned in 09 01 06
- 09 01 99 wastes not otherwise specified

10 WASTES FROM THERMAL PROCESSES

10 01 wastes from power stations and other combustion plants (except 19)

- 10 01 01 bottom ash, slag and boiler dust (excluding boiler dust mentioned in 10 01 04)
- 10 01 02 coal fly ash
- 10 01 03 fly ash from peat and untreated wood
- 10 01 04* oil fly ash and boiler dust
- 10 01 05 calcium-based reaction wastes from flue-gas desulphurisation in solid form
- 10 01 07 calcium-based reaction wastes from flue-gas desulphurisation in sludge form
- 10 01 09* sulphuric acid
- 10 01 13* fly ash from emulsified hydrocarbons used as fuel
- 10 01 14* bottom ash, slag and boiler dust from co-incineration containing dangerous substances
- 10 01 15 bottom ash, slag and boiler dust from co-incineration other than those mentioned in 10 01 14
- 10 01 16* fly ash from co-incineration containing dangerous substances
- 10 01 17 fly ash from co-incineration other than those mentioned in 10 01 16
- 10 01 18* wastes from gas cleaning containing dangerous substances
- 10 01 19 wastes from gas cleaning other than those mentioned in 10 01 05, 10 01 07 and 10 01 18
- 10 01 20* sludges from on-site effluent treatment containing dangerous substances
- 10 01 21 sludges from on-site effluent treatment other than those mentioned in 10 01 20
- 10 01 22* aqueous sludges from boiler cleansing containing dangerous substances

10 01 23 aqueous sludges from boiler cleansing other than those mentioned in 10 01 22

10 01 24 sands from fluidised beds

10 01 25 wastes from fuel storage and preparation of coal-fired power plants

10 01 26 wastes from cooling-water treatment

10 01 99 wastes not otherwise specified

10 02 wastes from the iron and steel industry

10 02 01 wastes from the processing of slag

10 02 02 unprocessed slag

10 02 07* solid wastes from gas treatment containing dangerous substances

10 02 08 solid wastes from gas treatment other than those mentioned in 10 02 07

10 02 10 mill scales

10 02 11* wastes from cooling-water treatment containing oil

10 02 12 wastes from cooling-water treatment other than those mentioned in 10 02 11

10 02 13* sludges and filter cakes from gas treatment containing dangerous substances

10 02 14 sludges and filter cakes from gas treatment other than those mentioned in 10 02 13

10 02 15 other sludges and filter cakes

10 02 99 wastes not otherwise specified

10 03 wastes from aluminium thermal metallurgy

10 03 02 anode scraps

10 03 04* primary production slags

10 03 05 waste alumina

10 03 08* salt slags from secondary production

10 03 09* black drosses from secondary production

10 03 15* skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities

10 03 16 skimmings other than those mentioned in 10 03 15

10 03 17* tar-containing wastes from anode manufacture

10 03 18 carbon-containing wastes from anode manufacture other than those mentioned in 10 03 17

10 03 19* flue-gas dust containing dangerous substances

10 03 20 flue-gas dust other than those mentioned in 10 03 19

10 03 21* other particulates and dust (including ball-mill dust) containing dangerous substances

10 03 22 other particulates and dust (including ball-mill dust) other than those mentioned in 10 03 21

10 03 23* solid wastes from gas treatment containing dangerous substances

10 03 24 solid wastes from gas treatment other than those mentioned in 10 03 23
10 03 25* sludges and filter cakes from gas treatment containing dangerous substances
10 03 26 sludges and filter cakes from gas treatment other than those mentioned in 10 03 25
10 03 27* wastes from cooling-water treatment containing oil
10 03 28 wastes from cooling-water treatment other than those mentioned in 10 03 27
10 03 29* wastes from treatment of salt slags and black drosses containing dangerous substances
10 03 30 wastes from treatment of salt slags and black drosses other than those mentioned in 10 03 29
10 03 99 wastes not otherwise specified

10 04 wastes from lead thermal metallurgy

10 04 01* slags from primary and secondary production
10 04 02* dross and skimmings from primary and secondary production
10 04 03* calcium arsenate
10 04 04* flue-gas dust
10 04 05* other particulates and dust
10 04 06* solid wastes from gas treatment
10 04 07* sludges and filter cakes from gas treatment
10 04 09* wastes from cooling-water treatment containing oil
10 04 10 wastes from cooling-water treatment other than those mentioned in 10 04 09
10 04 99 wastes not otherwise specified

10 05 wastes from zinc thermal metallurgy

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

10 06 wastes from copper thermal metallurgy

10 06 01 slags from primary and secondary production
10 06 02 dross and skimmings from primary and secondary production

- 10 06 03* flue-gas dust
- 10 06 04 other particulates and dust
- 10 06 06* solid wastes from gas treatment
- 10 06 07* sludges and filter cakes from gas treatment
- 10 06 09* wastes from cooling-water treatment containing oil
- 10 06 10 wastes from cooling-water treatment other than those mentioned in 10 06 09
- 10 06 99 wastes not otherwise specified
- 10 07 wastes from silver, gold and platinum thermal metallurgy**
- 10 07 01 slags from primary and secondary production
- 10 07 02 dross and skimmings from primary and secondary production
- 10 07 03 solid wastes from gas treatment
- 10 07 04 other particulates and dust
- 10 07 05 sludges and filter cakes from gas treatment
- 10 07 07* wastes from cooling-water treatment containing oil
- 10 07 08 wastes from cooling-water treatment other than those mentioned in 10 07 07
- 10 07 99 wastes not otherwise specified
- 10 08 wastes from other non-ferrous thermal metallurgy**
- 10 08 04 particulates and dust
- 10 08 08* salt slag from primary and secondary production
- 10 08 09 other slags
- 10 08 10* dross and skimmings that are flammable or emit, upon contact with water, flammable gases in dangerous quantities
- 10 08 11 dross and skimmings other than those mentioned in 10 08 10
- 10 08 12* tar-containing wastes from anode manufacture
- 10 08 13 carbon-containing wastes from anode manufacture other than those mentioned in 10 08 12
- 10 08 14 anode scrap
- 10 08 15* flue-gas dust containing dangerous substances
- 10 08 16 flue-gas dust other than those mentioned in 10 08 15
- 10 08 17* sludges and filter cakes from flue-gas treatment containing dangerous substances
- 10 08 18 sludges and filter cakes from flue-gas treatment other than those mentioned in 10 08 17
- 10 08 19* wastes from cooling-water treatment containing oil
- 10 08 20 wastes from cooling-water treatment other than those mentioned in 10 08 19
- 10 08 99 wastes not otherwise specified
- 10 09 wastes from casting of ferrous pieces**
- 10 09 03 furnace slag

10 09 05* casting cores and moulds which have not undergone pouring containing dangerous substances

10 09 06 casting cores and moulds which have not undergone pouring other than those mentioned in 10 09 05

10 09 07* casting cores and moulds which have undergone pouring containing dangerous substances

10 09 08 casting cores and moulds which have undergone pouring other than those mentioned in 10 09 07

10 09 09* flue-gas dust containing dangerous substances

10 09 10 flue-gas dust other than those mentioned in 10 09 09

10 09 11* other particulates containing dangerous substances

10 09 12 other particulates other than those mentioned in 10 09 11

10 09 13* waste binders containing dangerous substances

10 09 14 waste binders other than those mentioned in 10 09 13

10 09 15* waste crack-indicating agent containing dangerous substances

10 09 16 waste crack-indicating agent other than those mentioned in 10 09 15

10 09 99 wastes not otherwise specified

10 10 wastes from casting of non-ferrous pieces

10 10 03 furnace slag

10 10 05* casting cores and moulds which have not undergone pouring, containing dangerous substances

10 10 06 casting cores and moulds which have not undergone pouring, other than those mentioned in 10 10 05

10 10 07* casting cores and moulds which have undergone pouring, containing dangerous substances

10 10 08 casting cores and moulds which have undergone pouring, other than those mentioned in 10 10 07

10 10 09* flue-gas dust containing dangerous substances

10 10 10 flue-gas dust other than those mentioned in 10 10 09

10 10 11* other particulates containing dangerous substances

10 10 12 other particulates other than those mentioned in 10 10 11

10 10 13* waste binders containing dangerous substances

10 10 14 waste binders other than those mentioned in 10 10 13

10 10 15* waste crack-indicating agent containing dangerous substances

10 10 16 waste crack-indicating agent other than those mentioned in 10 10 15

10 10 99 wastes not otherwise specified

10 11 wastes from manufacture of glass and glass products

10 11 03 waste glass-based fibrous materials

10 11 05 particulates and dust

10 11 09* waste preparation mixture before thermal processing, containing dangerous substances

10 11 10 waste preparation mixture before thermal processing, other than those mentioned in 10 11 09

10 11 11* waste glass in small particles and glass powder containing heavy metals (for example from cathode ray tubes)

10 11 12 waste glass other than those mentioned in 10 11 11

10 11 13* glass-polishing and -grinding sludge containing dangerous substances

10 11 14 glass-polishing and -grinding sludge other than those mentioned in 10 11 13

10 11 15* solid wastes from flue-gas treatment containing dangerous substances

10 11 16 solid wastes from flue-gas treatment other than those mentioned in 10 11 15

10 11 17* sludges and filter cakes from flue-gas treatment containing dangerous substances

10 11 18 sludges and filter cakes from flue-gas treatment other than those mentioned in 10 11 17

10 11 19* solid wastes from on-site effluent treatment containing dangerous substances

10 11 20 solid wastes from on-site effluent treatment other than those mentioned in 10 11 19

10 11 99 wastes not otherwise specified

10 12 wastes from manufacture of ceramic goods, bricks, tiles and construction products

10 12 01 waste preparation mixture before thermal processing

10 12 03 particulates and dust

10 12 05 sludges and filter cakes from gas treatment

10 12 06 discarded moulds

10 12 08 waste ceramics, bricks, tiles and construction products (after thermal processing)

10 12 09* solid wastes from gas treatment containing dangerous substances

10 12 10 solid wastes from gas treatment other than those mentioned in 10 12 09

10 12 11* wastes from glazing containing heavy metals

10 12 12 wastes from glazing other than those mentioned in 10 12 11

10 12 13 sludge from on-site effluent treatment

10 12 99 wastes not otherwise specified

10 13 wastes from manufacture of cement, lime and plaster and articles and products made from them

10 13 01 waste preparation mixture before thermal processing

10 13 04 wastes from calcination and hydration of lime
10 13 06 particulates and dust (except 10 13 12 and 10 13 13)
10 13 09* wastes from asbestos-cement manufacture containing asbestos
10 13 10 wastes from asbestos-cement manufacture other than those mentioned in 10 13 09
10 13 11 wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10
10 13 12* solid wastes from gas treatment containing dangerous substances
10 13 13 solid wastes from gas treatment other than those mentioned in 10 13 12
10 13 14 waste concrete and concrete sludge
10 13 99 wastes not otherwise specified

10 14 waste from crematoria

10 14 01* waste from gas cleaning containing mercury

11 WASTES FROM CHEMICAL SURFACE TREATMENT AND COATING OF METALS AND OTHER MATERIALS; NON-FERROUS HYDROMETALLURGY

11 01 wastes from chemical surface treatment and coating of metals and other materials (for example galvanic processes, zinc coating processes, pickling processes, etching, phosphating, alkaline degreasing, anodising)

11 01 05* pickling acids
11 01 06* acids not otherwise specified
11 01 07* pickling bases
11 01 08* phosphatising sludges
11 01 09* sludges and filter cakes containing dangerous substances
11 01 10 sludges and filter cakes other than those mentioned in 11 01 09
11 01 11* aqueous rinsing liquids containing dangerous substances
11 01 12 aqueous rinsing liquids other than those mentioned in 11 01 11
11 01 13* degreasing wastes containing dangerous substances
11 01 14 degreasing wastes other than those mentioned in 11 01 13
11 01 15* eluate and sludges from membrane systems or ion exchange systems containing dangerous substances
11 01 16* saturated or spent ion exchange resins
11 01 98* other wastes containing dangerous substances
11 01 99 wastes not otherwise specified

11 02 wastes from non-ferrous hydrometallurgical processes

11 02 02* sludges from zinc hydrometallurgy (including jarosite, goethite)

- 11 02 03 wastes from the production of anodes for aqueous electrolytical processes
- 11 02 05* wastes from copper hydrometallurgical processes containing dangerous substances
- 11 02 06 wastes from copper hydrometallurgical processes other than those mentioned in 11 02 05
- 11 02 07* other wastes containing dangerous substances
- 11 02 99 wastes not otherwise specified

11 03 sludges and solids from tempering processes

- 11 03 01* wastes containing cyanide
- 11 03 02* other wastes

11 05 wastes from hot galvanising processes

- 11 05 01 hard zinc
- 11 05 02 zinc ash
- 11 05 03* solid wastes from gas treatment
- 11 05 04* spent flux
- 11 05 99 wastes not otherwise specified

**12 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE
TREATMENT OF METALS AND PLASTICS**

**12 01 wastes from shaping and physical and mechanical surface treatment of metals and
plastics**

- 12 01 01 ferrous metal filings and turnings
- 12 01 02 ferrous metal dust and particles
- 12 01 03 non-ferrous metal filings and turnings
- 12 01 04 non-ferrous metal dust and particles
- 12 01 05 plastics shavings and turnings
- 12 01 06* mineral-based machining oils containing halogens (except emulsions and solutions)
- 12 01 07* mineral-based machining oils free of halogens (except emulsions and solutions)
- 12 01 08* machining emulsions and solutions containing halogens
- 12 01 09* machining emulsions and solutions free of halogens
- 12 01 10* synthetic machining oils
- 12 01 12* spent waxes and fats
- 12 01 13 welding wastes
- 12 01 14* machining sludges containing dangerous substances
- 12 01 15 machining sludges other than those mentioned in 12 01 14
- 12 01 16* waste blasting material containing dangerous substances
- 12 01 17 waste blasting material other than those mentioned in 12 01 16
- 12 01 18* metal sludge (grinding, honing and lapping sludge) containing oil
- 12 01 19* readily biodegradable machining oil

- 12 01 20* spent grinding bodies and grinding materials containing dangerous substances
- 12 01 21 spent grinding bodies and grinding materials other than those mentioned in 12 01 20
- 12 01 99 wastes not otherwise specified

12 03 wastes from water and steam degreasing processes (except 11)

- 12 03 01* aqueous washing liquids
- 12 03 02* steam degreasing wastes

13 OIL WASTES AND WASTES OF LIQUID FUELS

(except edible oils, and those in chapters 05, 12 and 19)

13 01 waste hydraulic oils

- 13 01 01* hydraulic oils, containing PCBs⁽¹⁾
- 13 01 04* chlorinated emulsions
- 13 01 05* non-chlorinated emulsions
- 13 01 09* mineral-based chlorinated hydraulic oils
- 13 01 10* mineral based non-chlorinated hydraulic oils
- 13 01 11* synthetic hydraulic oils
- 13 01 12* readily biodegradable hydraulic oils
- 13 01 13* other hydraulic oils

13 02 waste engine, gear and lubricating oils

- 13 02 04* mineral-based chlorinated engine, gear and lubricating oils
- 13 02 05* mineral-based non-chlorinated engine, gear and lubricating oils
- 13 02 06* synthetic engine, gear and lubricating oils
- 13 02 07* readily biodegradable engine, gear and lubricating oils
- 13 02 08* other engine, gear and lubricating oils

13 03 waste insulating and heat transmission oils

- 13 03 01* insulating or heat transmission oils containing PCBs
- 13 03 06* mineral-based chlorinated insulating and heat transmission oils other than those mentioned in 13 03 01
- 13 03 07* mineral-based non-chlorinated insulating and heat transmission oils
- 13 03 08* synthetic insulating and heat transmission oils
- 13 03 09* readily biodegradable insulating and heat transmission oils
- 13 03 10* other insulating and heat transmission oils

13 04 bilge oils

- 13 04 01* bilge oils from inland navigation
- 13 04 02* bilge oils from jetty sewers

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

13 04 03* bilge oils from other navigation

13 05 oil/water separator contents

13 05 01* solids from grit chambers and oil/water separators

13 05 02* sludges from oil/water separators

13 05 03* interceptor sludges

13 05 06* oil from oil/water separators

13 05 07* oily water from oil/water separators

13 05 08* mixtures of wastes from grit chambers and oil/water separators

13 07 wastes of liquid fuels

13 07 01* fuel oil and diesel

13 07 02* petrol

13 07 03* other fuels (including mixtures)

13 08 oil wastes not otherwise specified

13 08 01* desalter sludges or emulsions

13 08 02* other emulsions

13 08 99* wastes not otherwise specified

14 WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS

(except 07 and 08)

14 06 waste organic solvents, refrigerants and foam/aerosol propellants

14 06 01* chlorofluorocarbons, HCFC, HFC

14 06 02* other halogenated solvents and solvent mixtures

14 06 03* other solvents and solvent mixtures

14 06 04* sludges or solid wastes containing halogenated solvents

14 06 05* sludges or solid wastes containing other solvents

**15 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS
AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED**

15 01 packaging (including separately collected municipal packaging waste)

15 01 01 paper and cardboard packaging

15 01 02 plastic packaging

15 01 03 wooden packaging

15 01 04 metallic packaging

15 01 05 composite packaging

15 01 06 mixed packaging

15 01 07 glass packaging

15 01 09 textile packaging

15 01 10* packaging containing residues of or contaminated by dangerous substances

15 01 11* metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers

15 02 absorbents, filter materials, wiping cloths and protective clothing

15 02 02* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

15 02 03 absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02

16 WASTES NOT OTHERWISE SPECIFIED IN THE LIST

16 01 end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 6 06 and 16 08)

16 01 03 end-of-life tyres

16 01 04* end-of-life vehicles

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

16 01 07* oil filters

16 01 08* components containing mercury

16 01 09* components containing PCBs

16 01 10* explosive components (for example air bags)

16 01 11* brake pads containing asbestos

16 01 12 brake pads other than those mentioned in 16 01 11

16 01 13* brake fluids

16 01 14* antifreeze fluids containing dangerous substances

16 01 15 antifreeze fluids other than those mentioned in 16 01 14

16 01 16 tanks for liquefied gas

16 01 17 ferrous metal

16 01 18 non-ferrous metal

16 01 19 plastic

16 01 20 glass

16 01 21* hazardous components other than those mentioned in 16 01 07 to 16 01 11 and

16 01 13 and 16 01 14

16 01 22 components not otherwise specified

16 01 99 wastes not otherwise specified

16 02 wastes from electrical and electronic equipment

16 02 09* transformers and capacitors containing PCBs

16 02 10* discarded equipment containing or contaminated by PCBs other than those mentioned in 16 02 09

16 02 11* discarded equipment containing chlorofluorocarbons, HCFC, HFC

16 02 12* discarded equipment containing free asbestos

16 02 13* discarded equipment containing hazardous components⁽²⁾ other than those mentioned in 16 02 09 to 16 02 12

16 02 14 discarded equipment other than those mentioned in 16 02 09 to 16 02 13

16 02 15* hazardous components removed from discarded equipment

16 02 16 components removed from discarded equipment other than those mentioned in 16 02 15

16 03 off-specification batches and unused products

16 03 03* inorganic wastes containing dangerous substances

16 03 04 inorganic wastes other than those mentioned in 16 03 03

16 03 05* organic wastes containing dangerous substances

16 03 06 organic wastes other than those mentioned in 16 03 05

16 04 waste explosives

16 04 01* waste ammunition

16 04 02* fireworks wastes

16 04 03* other waste explosives

16 05 gases in pressure containers and discarded chemicals

16 05 04* gases in pressure containers (including halons) containing dangerous substances

16 05 05 gases in pressure containers other than those mentioned in 16 05 04

16 05 06* laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals

16 05 07* discarded inorganic chemicals consisting of or containing dangerous substances

16 05 08* discarded organic chemicals consisting of or containing dangerous substances

16 05 09 discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08

16 06 batteries and accumulators

16 06 01* lead batteries

16 06 02* Ni-Cd batteries

16 06 03* mercury-containing batteries

16 06 04 alkaline batteries (except 16 06 03)

16 06 05 other batteries and accumulators

16 06 06* separately collected electrolyte from batteries and accumulators

16 07 wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)

16 07 08* wastes containing oil

16 07 09* wastes containing other dangerous substances

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

16 07 99 wastes not otherwise specified

16 08 spent catalysts

16 08 01 spent catalysts containing gold, silver, rhenium, rhodium, palladium, iridium or platinum (except 16 08 07)

16 08 02* spent catalysts containing dangerous transition metals⁽³⁾ or dangerous transition metal compounds

16 08 03 spent catalysts containing transition metals or transition metal compounds not otherwise specified

16 08 04 spent fluid catalytic cracking catalysts (except 16 08 07)

16 08 05* spent catalysts containing phosphoric acid

16 08 06* spent liquids used as catalysts

16 08 07* spent catalysts contaminated with dangerous substances

16 09 oxidising substances

16 09 01* permanganates, for example potassium permanganate

16 09 02* chromates, for example potassium chromate, potassium or sodium dichromate

16 09 03* peroxides, for example hydrogen peroxide

16 09 04* oxidising substances, not otherwise specified

16 10 aqueous liquid wastes destined for off-site treatment

16 10 01* aqueous liquid wastes containing dangerous substances

16 10 02 aqueous liquid wastes other than those mentioned in 16 10 01

16 10 03* aqueous concentrates containing dangerous substances

16 10 04 aqueous concentrates other than those mentioned in 16 10 03

16 11 waste linings and refractories

16 11 01* carbon-based linings and refractories from metallurgical processes containing dangerous substances

16 11 02 carbon-based linings and refractories from metallurgical processes others than those mentioned in 16 11 01

16 11 03* other linings and refractories from metallurgical processes containing dangerous substances

16 11 04 other linings and refractories from metallurgical processes other than those mentioned in 16 11 03

16 11 05* linings and refractories from non-metallurgical processes containing dangerous substances

(3) For the purpose of this entry, transition metals are: scandium, vanadium, manganese, cobalt, copper, yttrium, niobium, hafnium, tungsten, titanium, chromium, iron, nickel, zinc, zirconium, molybdenum and tantalum. These metals or their compounds are dangerous if they are classified as dangerous substances. The classification of dangerous substances shall determine which among those transition metals and which transition metal compounds are hazardous.

16 11 06 linings and refractories from non-metallurgical processes others than those mentioned in
16 11 05

**17 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL
FROM CONTAMINATED SITES)**

17 01 concrete, bricks, tiles and ceramics

17 01 01 concrete

17 01 02 bricks

17 01 03 tiles and ceramics

17 01 06* mixtures of, or separate fractions of concrete, bricks, tiles and ceramics containing
dangerous substances

17 01 07 mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06

17 02 wood, glass and plastic

17 02 01 wood

17 02 02 glass

17 02 03 plastic

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

17 03 bituminous mixtures, coal tar and tarred products

17 03 01* bituminous mixtures containing coal tar

17 03 02 bituminous mixtures other than those mentioned in 17 03 01

17 03 03* coal tar and tarred products

17 04 metals (including their alloys)

17 04 01 copper, bronze, brass

17 04 02 aluminium

17 04 03 lead

17 04 04 zinc

17 04 05 iron and steel

17 04 06 tin

17 04 07 mixed metals

17 04 09* metal waste contaminated with dangerous substances

17 04 10* cables containing oil, coal tar and other dangerous substances

17 04 11 cables other than those mentioned in 17 04 10

17 05 soil (including excavated soil from contaminated sites), stones and dredging spoil

17 05 03* soil and stones containing dangerous substances

17 05 04 soil and stones other than those mentioned in 17 05 03

17 05 05* dredging spoil containing dangerous substances

17 05 06 dredging spoil other than those mentioned in 17 05 05

17 05 07* track ballast containing dangerous substances

17 05 08 track ballast other than those mentioned in 17 05 07

17 06 insulation materials and asbestos-containing construction materials

17 06 01* insulation materials containing asbestos

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

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

17 06 05* construction materials containing asbestos ⁽⁷⁾

17 08 gypsum-based construction material

17 08 01* gypsum-based construction materials contaminated with dangerous substances

17 08 02 gypsum-based construction materials other than those mentioned in 17 08 01

17 09 other construction and demolition wastes

17 09 01* construction and demolition wastes containing mercury

17 09 02* construction and demolition wastes containing PCB (for example PCB-containing sealants, PCB-containing resin-based floorings, PCB-containing sealed glazing units, PCB-containing capacitors)

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

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

18 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)

18 01 wastes from natal care, diagnosis, treatment or prevention of disease in humans

18 01 01 sharps (except 18 01 03)

18 01 02 body parts and organs including blood bags and blood preserves (except 18 01 03)

18 01 03* wastes whose collection and disposal is subject to special requirements in order to prevent infection

18 01 04 wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)

18 01 06* chemicals consisting of or containing dangerous substances

18 01 07 chemicals other than those mentioned in 18 01 06

18 01 08* cytotoxic and cytostatic medicines

18 01 09 medicines other than those mentioned in 18 01 08

18 01 10* amalgam waste from dental care

(7) As far as the landfilling of waste is concerned, Member States may decide to postpone the entry into force of this entry until the establishment of appropriate measures for the treatment and disposal of waste from construction material containing asbestos. These measures are to be established according to the procedure referred to in Article 17 of Council Directive 1999/31/EC on the landfill of waste (OJ L 182, 16.7.1999, p. 1) and shall be adopted by 16 July 2002 at the latest.”

18 02 wastes from research, diagnosis, treatment or prevention of disease involving animals

18 02 01 sharps (except 18 02 02)

18 02 02* wastes whose collection and disposal is subject to special requirements in order to prevent infection

18 02 03 wastes whose collection and disposal is not subject to special requirements in order to prevent infection

18 02 05* chemicals consisting of or containing dangerous substances

18 02 06 chemicals other than those mentioned in 18 02 05

18 02 07* cytotoxic and cytostatic medicines

18 02 08 medicines other than those mentioned in 18 02 07

19 WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE

19 01 wastes from incineration or pyrolysis of waste

19 01 02 ferrous materials removed from bottom ash

19 01 05* filter cake from gas treatment

19 01 06* aqueous liquid wastes from gas treatment and other aqueous liquid wastes

19 01 07* solid wastes from gas treatment

19 01 10* spent activated carbon from flue-gas treatment

19 01 11* bottom ash and slag containing dangerous substances

19 01 12 bottom ash and slag other than those mentioned in 19 01 11

19 01 13* fly ash containing dangerous substances

19 01 14 fly ash other than those mentioned in 19 01 13

19 01 15* boiler dust containing dangerous substances

19 01 16 boiler dust other than those mentioned in 19 01 15

19 01 17* pyrolysis wastes containing dangerous substances

19 01 18 pyrolysis wastes other than those mentioned in 19 01 17

19 01 19 sands from fluidised beds

19 01 99 wastes not otherwise specified

19 02 wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)

19 02 03 premixed wastes composed only of non-hazardous wastes

19 02 04* premixed wastes composed of at least one hazardous waste

19 02 05* sludges from physico/chemical treatment containing dangerous substances

19 02 06 sludges from physico/chemical treatment other than those mentioned in 19 02 05

19 02 07* oil and concentrates from separation

- 19 02 08* liquid combustible wastes containing dangerous substances
- 19 02 09* solid combustible wastes containing dangerous substances
- 19 02 10 combustible wastes other than those mentioned in 19 02 08 and 19 02 09
- 19 02 11* other wastes containing dangerous substances
- 19 02 99 wastes not otherwise specified

19 03 stabilised/solidified wastes ⁽⁴⁾

- 19 03 04* wastes marked as hazardous, partly⁽⁵⁾ stabilised
- 19 03 05 stabilised wastes other than those mentioned in 19 03 04
- 19 03 06* wastes marked as hazardous, solidified
- 19 03 07 solidified wastes other than those mentioned in 19 03 06

19 04 vitrified waste and wastes from vitrification

- 19 04 01 vitrified waste
- 19 04 02* fly ash and other flue-gas treatment wastes
- 19 04 03* non-vitrified solid phase
- 19 04 04 aqueous liquid wastes from vitrified waste tempering

19 05 wastes from aerobic treatment of solid wastes

- 19 05 01 non-composted fraction of municipal and similar wastes
- 19 05 02 non-composted fraction of animal and vegetable waste
- 19 05 03 off-specification compost
- 19 05 99 wastes not otherwise specified

19 06 wastes from anaerobic treatment of waste

- 19 06 03 liquor from anaerobic treatment of municipal waste
- 19 06 04 digestate from anaerobic treatment of municipal waste
- 19 06 05 liquor from anaerobic treatment of animal and vegetable waste
- 19 06 06 digestate from anaerobic treatment of animal and vegetable waste
- 19 06 99 wastes not otherwise specified

19 07 landfill leachate

- 19 07 02* landfill leachate containing dangerous substances
- 19 07 03 landfill leachate other than those mentioned in 19 07 02

19 08 wastes from waste water treatment plants not otherwise specified

- 19 08 01 screenings
- 19 08 02 waste from desanding
- 19 08 05 sludges from treatment of urban waste water

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

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

19 08 06* saturated or spent ion exchange resins
19 08 07* solutions and sludges from regeneration of ion exchangers 19 08 08* membrane system waste containing heavy metals
19 08 09 grease and oil mixture from oil/water separation containing only edible oil and fats
19 08 10* grease and oil mixture from oil/water separation other than those mentioned in 19 08 09
19 08 11* sludges containing dangerous substances from biological treatment of industrial waste water
19 08 12 sludges from biological treatment of industrial waste water other than those mentioned in 19 08 11
19 08 13* sludges containing dangerous substances from other treatment of industrial waste water
19 08 14 sludges from other treatment of industrial waste water other than those mentioned in 19 08 13
19 08 99 wastes not otherwise specified

19 09 wastes from the preparation of water intended for human consumption or water for industrial use

19 09 01 solid waste from primary filtration and screenings
19 09 02 sludges from water clarification
19 09 03 sludges from decarbonation
19 09 04 spent activated carbon
19 09 05 saturated or spent ion exchange resins
19 09 06 solutions and sludges from regeneration of ion exchangers
19 09 99 wastes not otherwise specified

19 10 wastes from shredding of metal-containing wastes

19 10 01 iron and steel waste
19 10 02 non-ferrous waste
19 10 03* fluff-light fraction and dust containing dangerous substances
19 10 04 fluff-light fraction and dust other than those mentioned in 19 10 03
19 10 05* other fractions containing dangerous substances
19 10 06 other fractions other than those mentioned in 19 10 05

19 11 wastes from oil regeneration

19 11 01* spent filter clays
19 11 02* acid tars
19 11 03* aqueous liquid wastes
19 11 04* wastes from cleaning of fuel with bases
19 11 05* sludges from on-site effluent treatment containing dangerous substances
19 11 06 sludges from on-site effluent treatment other than those mentioned in 19 11 05
19 11 07* wastes from flue-gas cleaning

19 11 99 wastes not otherwise specified

19 12 wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified

19 12 01 paper and cardboard

19 12 02 ferrous metal

19 12 03 non-ferrous metal

19 12 04 plastic and rubber

19 12 05 glass

19 12 06* wood containing dangerous substances

19 12 07 wood other than that mentioned in 19 12 06

19 12 08 textiles

19 12 09 minerals (for example sand, stones)

19 12 10 combustible waste (refuse derived fuel)

19 12 11* other wastes (including mixtures of materials) from mechanical treatment of waste containing dangerous substances

19 12 12 other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11

19 13 wastes from soil and groundwater remediation

19 13 01* solid wastes from soil remediation containing dangerous substances

19 13 02 solid wastes from soil remediation other than those mentioned in 19 13 01

19 13 03* sludges from soil remediation containing dangerous substances

19 13 04 sludges from soil remediation other than those mentioned in 19 13 03

19 13 05* sludges from groundwater remediation containing dangerous substances

19 13 06 sludges from groundwater remediation other than those mentioned in 19 13 05

19 13 07* aqueous liquid wastes and aqueous concentrates from groundwater remediation containing dangerous substances

19 13 08 aqueous liquid wastes and aqueous concentrates from groundwater remediation other than those mentioned in 19 13 07

20 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS

20 01 separately collected fractions (except 15 01)

20 01 01 paper and cardboard

20 01 02 glass

20 01 08 biodegradable kitchen and canteen waste

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

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

20 03 other municipal wastes

20 03 01 mixed municipal waste

20 03 02 waste from markets

20 03 03 street-cleaning residues

20 03 04 septic tank sludge

20 03 06 waste from sewage cleaning

20 03 07 bulky waste

20 03 99 municipal wastes not otherwise specified

SCHEDULE 2

Regulation 5

The Environmental Protection (Duty of Care) Regulations 1991

1. The Environmental Protection (Duty of Care) Regulations 1991(**a**) are amended as follows.
2. In regulation 2(2)(a) for “European Waste Catalogue” substitute “List of Waste (England) Regulations 2005”.

The Landfill (England and Wales) Regulations 2002

3. The Landfill (England and Wales) Regulations 2002(**b**) are amended as follows.
4. In paragraph 5(1)(f) of Schedule 1, for “European Waste Catalogue” substitute “List of Waste (England) Regulations 2005”.

The Landfill Allowances and Trading Scheme (England) Regulations 2004

5. The Landfill Allowances and Trading Scheme (England) Regulations 2004(**c**) are amended as follows.
6. In regulation 2(1), the definition of “European Waste Catalogue” is omitted.
7. In regulation 11(2)(b) for “European Waste Catalogue” substitute “List of Waste (England) Regulations 2005”.
8. In regulation 12(1)(b) for “European Waste Catalogue” substitute “List of Waste (England) Regulations 2005”.

(a) S.I. 1991/2839; relevant amendments are in S.I. 2002/1559.
(b) S.I. 2002/1959; as amended by S.I. 2004/1375.
(c) S.I. 2004/3212.

EXPLANATORY NOTE

(This note is not part of the Regulations)

These Regulations implement (except for Article 3) in England Commission Decision 2000/532/EC (“the List of Wastes Decision”, as amended by Decisions 2001/118/EC, 2001/119/EC and 2001/532/EC) which adopted the List of Wastes. A consolidated text of the decision is available at

http://europa.eu.int/eur-lex/en/consleg/pdf/2000/en_2000D0532_do_001.pdf.

Article 1(a) of the Waste Directive (75/442/EEC); a consolidated text of which is available at

http://europa.eu.int/eur-lex/en/consleg/main/1975/en_1975L0442_index.html,

and the first indent of Article 1(4) of the Hazardous Waste Directive (91/689/EEC); a consolidated text of which is available at

http://europa.eu.int/eur-lex/en/consleg/pdf/1991/en_1991L0689_do_001.pdf,

require the drawing up of a list of wastes in accordance with the procedure in Article 18 of the Waste Directive. The European Waste Catalogue comprised the lists in Decisions 94/3/EC and 94/904 adopted pursuant to Article 1(a) of the Waste Directive and Article 1(4) of the Hazardous Waste Directive.

The List of Wastes, which replaced the “European Waste Catalogue”, provides for the classification of wastes and determines, subject as follows, whether they are hazardous wastes.

Regulation 6 of the Hazardous Waste (England and Wales) Regulations 2005 (2005/894) (“the Hazardous Waste Regulations”) defines hazardous waste for the purpose of implementing the Hazardous Waste Directive in England. Paragraph (a) of that regulation provides that a waste is hazardous if it is listed as a hazardous waste in these Regulations. The definition is also used in other Directives (for instance, Directive 1999/31/EC on the landfill of waste and Directive 1996/61/EC concerning integrated pollution prevention and control). Consequential amendments to incorporate this list in these Regulations in the relevant implementing legislation are included in Schedule 11 to the Hazardous Waste Regulations.

Regulation 3(1) of these Regulations provides that the List of Wastes has effect for purposes connected with the regulation of waste and hazardous waste, and in particular for—

- (a) determining whether a material or substance is a waste or a hazardous waste (sub-paragraph (1)(a)); and
 - (b) the classification and coding of wastes (sub-paragraph (1)(b)).
- Regulation 3(3) provides that the Introduction to the List of Wastes has effect for the purposes of interpreting the list, for determining whether a waste is hazardous and in identifying the waste.

Regulation 3(4) gives effect, for the purposes of the regulation of waste and hazardous waste, to the six digit codes and two and four digit chapter headings in the List of Wastes.

Regulation 3(5) provides that any requirement (or condition) in any legislation that the correct six digit code is to be given is only complied with (or satisfied) if the code in the List of Wastes for the waste concerned is given. Regulation 3(6) provides for the asterisk in the List of Wastes to indicate that the waste concerned is hazardous, and regulation 3(7) provides that, for dangerous substances to be hazardous where a limit value of concentration applies, the waste is only hazardous where the limit value in regulation 4, or Annex III of the Hazardous Waste Directive, is satisfied. Regulation 4 sets out the limit values of concentration contained in Article 2 of the List of Wastes Decision.

The List of Wastes refers to substances being hazardous if they contain dangerous substances. A substance is a dangerous substance if it is a dangerous substance pursuant to the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (S.I. 2002/1689, as amended by S.I. 2004/3386) which implement the Dangerous Substances Directive (67/548/EEC) in Great Britain.

A transposition note has been prepared setting out the transposition of the Hazardous Waste Directive and the List of Wastes Decision. A regulatory impact assessment has also been prepared. Copies of both the transposition note and the regulatory impact assessment are available in both Houses of Parliament and from WM Hazardous Waste Unit, Department for Environment, Food and Rural Affairs, Zone 7/F15, Ashdown House, 123 Victoria Street, London SW1E 6DE.