

No. M.1678

### The Special Waste Regulations 1996

This M Notice is for all Port and Harbour Authorities, Ships Masters and Officers, Ships Agents, Operators and Owners.

This M Notice supersedes Part 4 and Appendix 3 and 4 of M Notice M.1462

- 1. The International Convention for the Prevention of Pollution from Ships 1973 as modified by the Protocol of 1978 (MARPOL 73/78) does not cover details for the disposal of residues and effluent to reception facilities, the proper disposal of the contents of such facilities remains of critical importance.
- 2. The Special Waste Regulations 1996 came into force on 1st September 1996. These Regulations aim to ensure that anyone who may consign, carry or receive special waste should be responsible for the proper handling and disposal of that waste.
- 3. A form entitled "Special Waste Consignment Note" should be completed as described in the following paragraph, a copy of the form is attached as appendix A. Provision and initial completion of this form is the responsibility of the Port/Harbour or operator of the facilities required for all ships waste covered within these Regulations.
- 4. The Regulations apply where special waste is removed in a harbour area from a ship, to reception facilities that are provided within the harbour area or by pipeline to any such facilities provided outside the harbour area. Prior to the removal of the waste:-

- a) Four copies of the consignment note should be prepared;
- b) Part A should be completed on each of the copies;
- c) The Master should ensure that part C is completed on each of the copies;
- d) The operator of the facilities shall ensure:-
  - (i) Part B is completed on each of the copies
  - (ii) They have received three copies of the form completed with parts A, B and C completed.
- 5. The term "special waste" defined in the Special Waste Regulations 1995, applies to any controlled waste:
  - a) listed in appendix B to this notice;
  - b) consisting of or containing substances listed in appendix C of this notice;
  - c) that satisfies the conditions contained in appendix D of this notice;
  - d) which is a medical product only available by prescription.

The attached appendices B, C and Dare copied from the SI 1996/972 and are subject to amendment by the Regulations.

- 6. The term "ship" means a vessel of any type whatsoever operating in the marine environment (this includes fixed or floating platforms). The term "carrier" means the person collecting the waste from the premises that it is held and transporting it to another place. Therefore as an example, an Offshore Supply Vessel removing waste from an oil rig would be classed as the "carrier".
- 7. Normal ships domestic waste is not affected by these regulations and can be put to shore reception facilities in the normal manner. Domestic waste includes items which can be considered as "household waste", such as empty containers from ships stores.
- 8. The Regulations do not include any explicit exemption for small quantities, but it is not intended that the Regulations should be applied regardless of the quantity or degree of hazard of the waste concerned. DOE Circular 11/94 (Welsh Office 29194, SOED 10194) paragraphs 9 and 11 give a "principle of proportionality" and authorities are urged to apply a common sense approach to consignments of waste whose size and characteristics could pose no risk of harm to human health or the environment.

Marine Safety Agency Department of Transport Spring Place 105 Commercial Road Southampton SO15 1EG

NOVEMBER 1996



## APPENDIX A FORM OF CONSIGNMENT NOTE

Name of Consignor's WRA Address

Prenotification No Consignment/Batch No

| SPE     | CIAL WASTE REGULATIONS 1995 -  | CONSIGNMENT NOTE                                | P  | PRENOTIFICATION COPY                          |
|---------|--|---|--|---|
| A       | CONSIGNMENT DETAILS  | [ ] tick if additional she                      | et(s) attached                                       |   |
| 1.      | The waste described below is to be removed.  | ved from** (address and postcode)               |  |   |
|         | and the consignor is (contact)   |   |  |   |
|         | SIC Code [ ] tick if th  | is is a transfer station                        | telephone  |   |
| 2.      | The consignment(s) will be:  | ne single [ ] a series [ ]                      | collection round [ ] other [                         | 1   |
| 3.      | The expected removal date for first consi  | gnment is: / /                                  | last consignment: /                                  | 1   |
| 4.      | The waste will be taken to (address & po   | stcode)   |  |   |
|         | and the consignment is   |   | telephone  |   |
|         | licence/authorisation number   |   | or reason for exemption                              | n   |
| 5.      | The waste producer was (if different from  | n 1)  |  |   |
| D       | ESCRIPTION OF THE WASTE** (plea  | se refer to guidance)                           |  |   |
| 6.      | The waste is   | the waste code is                               |  |   |
| 7.      | The process was  |   |  |   |
| 8.      | The physical nature of the waste is:   | solid [ ] powder [ ] liqu                       | id[] sludge[] gas[                                   | ]   |
| 9.      | The significant chemical/biological communication that make the waste special are:   | ponents <u>Component</u>                        | Concentration (9                                     | % or mg per kg)                               |
| 10.     | The dominant hazards are:- flammatoxic [ ] irritant                                  | able [ ] highly flammable [ ] [ ] corrosive [ ] | oxidising [ ] explosive [ ] harmful [ ] ecotoxic [ ] |   |
| 11.     | Quantity etc details are:  | Container type Size Number                      | Waste weight (kg/t*) Waste weight (kg/t*)            | aste volume (m³/ltrs)                         |
| В       | CARRIER COLLECTION CERTIFIC  | CATE  |  |   |
| 1.      | The batch details (if different from A11)  | are:  |  |   |
| 2.      | I certify that I today collected the consign   | nment and that the details in A1, 4,            | 6 & 11 and B1 above are correct                      | t, subject to any amendment listed in this sp |
| Na      | me On beh  | alf of (firm)                                   | Date   | Signed  |
| Re      | gistration Number or reason for exemption  |   |  | oighed  |
| С       | CONSIGNOR'S COLLECTION CER   | TIF1CATE  |  |   |
| I c     | ertify that the information in A and B abov  | e are correct, that the carrier is regi         | stered or exempt and was advise                      | ed of the appropriate precautionary measures  |
| Na      | me On beh  | alf of (firm)                                   | Date   | Signed  |
| D       | CONSIGNEE'S ACCEPTANCE CER   | TIF1CATE  |  |   |
| 1.      | I certify that waste management licence of authorises the management of the waste of |   | issued by is exempt.                                 |   |
| 2.      | I accept this waste on   | at  | hrs  |   |
| 3.      | The weight/volume of waste is  | kg/t* m³/ltrs*                                  |  |   |
| 4.<br>5 | The management operation intended is [   |   |  |   |
| 5.      | Name On beh  | alf of (firm)                                   | Date   | Signed  |

<sup>\*</sup> delete as appropriate. Tick box or boxes as appropriate.

\*\* for carrier collection rounds, give details of each consignor and each type of special waste - use a separate sheet.

#### APPENDIX B HAZARDOUS WASTE LIST

| EWC-code       | Description  |  |  |  |
|----------------|--|--|--|--|
| 02             | WASTE FROM AGRICULTURAL, HORTICULTURAL, HUNTING, F1SHING AND AQUACULTURE PRIMARY PRODUCTION, FOOD PREPARATION AND PROCESSING |  |  |  |
| 0201           | PRIMARY PRODUCTION WASTE   |  |  |  |
| 0201<br>020105 | agrochemical wastes  |  |  |  |
| 03             | WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PAPER, CARDBOARD, PULP, PANELS AND FURNITURE                               |  |  |  |
| 0302           | WOOD PRESERVATION WASTE  |  |  |  |
| 030201         | non-halogenated organic wood preservatives   |  |  |  |
| 030202         | organochlorinated wood preservatives   |  |  |  |
| 030203         | organometallic wood preservatives  |  |  |  |
| 030204         | inorganic wood preservatives   |  |  |  |
| 04             | WASTES FROM THE LEATHER AND TEXTILE INDUSTRIES   |  |  |  |
| 0401           | WASTES FROM THE LEATHER INDUSTRY   |  |  |  |
| 040103         | degreasing wastes containing solvents without a liquid phase   |  |  |  |
| 0402           | WASTES FROM TEXTILE INDUSTRY   |  |  |  |
| 040211         | halogenated wastes from dressing and finishing   |  |  |  |
| 05             | WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL                                     |  |  |  |
| 0501           | OILY SLUDGES AND SOLID WASTES  |  |  |  |
| 050103         | tank bottom sludges  |  |  |  |
| 050104         | acid alkyl sludges   |  |  |  |
| 050105         | oil spills   |  |  |  |
| 050107         | acid tars  |  |  |  |
| 050108         | other tars   |  |  |  |
| 0504           | SPENT FILTER CLAYS   |  |  |  |
| 050401         | spent filter clays   |  |  |  |
| 0506           | WASTE FROM THE PYROLYTIC TREATMENT OF COAL   |  |  |  |
| 050601         | acid tars  |  |  |  |
| 050603         | other tars   |  |  |  |
| 0507           | WASTE FROM NATURAL GAS PURIFICATION  |  |  |  |
| 050701         | sludges containing mercury   |  |  |  |
| 0508           | WASTES FROM OIL REGENERATION   |  |  |  |
| 050801         | spent filter clays   |  |  |  |
| 050802         | acid tars  |  |  |  |
| 050803         | other tars   |  |  |  |
| 050804         | aqueous liquid waste from oil regeneration   |  |  |  |

| EWC-code | Description   |
|----------|---|
| 06       | WASTES FROM INORGANIC CHEMICAL PROCESSES  |
| 0601     | WASTE ACIDIC SOLUTIONS  |
| 060101   | sulphuric acid and sulphurous acid  |
| 060102   | hydroochloric acid  |
| 060103   | hydrofluoric acid   |
| 060104   | phosphoric and phosphorous acid   |
| 060105   | nitric acid and nitrous acid  |
| 060199   | waste not otherwise specified   |
| 0602     | ALKALINE SOLUTIONS  |
| 060201   | calcium hydroxide   |
| 060202   | soda  |
| 060203   | ammonia   |
| 060299   | wastes not otherwise specified  |
| 0603     | WASTE SALTS AND THEIR SOLUTIONS   |
| 060311   | salts and solutions containing cyanides   |
| 0604     | METAL-CONTAINING WASTES   |
| 060402   | metallic salts (except 060300)  |
| 060403   | wastes containing arsenic   |
| 060404   | wastes containing mercury   |
| 060405   | wastes containing heavy metals  |
| 0607     | WASTES FROM HALOGEN CHEMICAL PROCESSES  |
| 060701   | wastes containing asbestos from electrolysis  |
| 060702   | activated carbon from chlorine production   |
| 0613     | WASTES FROM OTHER INORGANIC CHEMICAL PROCESSES  |
| 061301   | inorganic pesticides, biocides and wood preserving agents                                 |
| 061302   | spent activated carbon (except 060702)  |
| 07       | WASTES FROM ORGANIC CHEMICAL PROCESSES  |
| 0701     | WASTE FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF BASIC ORGANIC CHEMICALS |
| 070101   | aqueous washing liquids and mother liquors  |
| 070103   | organic halogenated solvents, washing liquids and mother liquors                          |
| 070104   | other organic solvents, washing liquids and mother liquors                                |
| 070107   | halogenated still bottoms and reaction residues   |
| 070108   | other still bottoms and reaction residues   |
| 070109   | halogenated filter cakes, spent absorbents  |
| 070110   | other filter cakes, spent absorbents  |
| 0702     | WASTE FROM THE MFSU OF PLASTICS, SYNTHETIC RUBBER AND MAN-MADE FIBRES                     |
| 070201   | aqueous washing liquids and mother liquors  |

| EWC-code | Description  |  |  |  |
|----------|--|--|--|--|
| 070203   | organic halogenated solvents, washing liquids and mother liquors                     |  |  |  |
| 070204   | other organic solvents, washing liquids and mother liquors                           |  |  |  |
| 070207   | halogenated still bottoms and reaction residues                                      |  |  |  |
| 070208   | other still bottoms and reaction residues  |  |  |  |
| 070209   | halogenated filter cakes, spent absorbents   |  |  |  |
| 070210   | other filter cakes, spent absorbents   |  |  |  |
| 0703     | WASTE FROM THE MFSU OF ORGANIC DYES AND PIGMENTS (EXCLUDING 061100)                  |  |  |  |
| 070301   | aqueous washing liquids and mother liquors   |  |  |  |
| 070303   | organic halogenated solvents, washing liquids and mother liquors                     |  |  |  |
| 070304   | other organic solvents, washing liquids and mother liquors                           |  |  |  |
| 070307   | halogenated still bottoms and reaction residues                                      |  |  |  |
| 070308   | other still bottoms and reaction residues  |  |  |  |
| 070309   | halogenated filter cakes, spent absorbents   |  |  |  |
| 070310   | other filter cakes, spent absorbents   |  |  |  |
| 0704     | WASTE FROM THE MFSU OF ORGANIC PESTICIDES (EXCEPT 020105)                            |  |  |  |
| 070401   | aqueous washing liquids and mother liquors   |  |  |  |
| 070403   | organic halogenated solvents, washing liquids and mother liquors                     |  |  |  |
| 070404   | other organic solvents, washing liquids and mother liquors                           |  |  |  |
| 070407   | halogenated still bottoms and reaction residues                                      |  |  |  |
| 070408   | other still bottoms and reaction residues  |  |  |  |
| 070409   | halogenated filter cakes, spent absorbents   |  |  |  |
| 070410   | other filter cakes, spent absorbents   |  |  |  |
| 0705     | WASTE FROM THE MFSU OF PHARMACEUTICALS   |  |  |  |
| 070501   | aqueous washing liquids and mother liquors   |  |  |  |
| 070503   | organic halogenated solvents, washing liquids and mother liquors                     |  |  |  |
| 070504   | other organic solvents, washing liquids and mother liquors                           |  |  |  |
| 070507   | halogenated still bottoms and reaction residues                                      |  |  |  |
| 070508   | other still bottoms and reaction residues  |  |  |  |
| 070509   | halogenated filter cakes, spent absorbents   |  |  |  |
| 070510   | other filter cakes, spent absorbents   |  |  |  |
| 0706     | WASTE FROM THE MFSU OF FATS, GREASE, SOAPS, DETERGENTS. DISINFECTANTS AND COSMETI CS |  |  |  |
| 070601   | aqueous washing liquids and mother liquors   |  |  |  |
| 070603   | organic halogenated solvents, washing liquids and mother liquors                     |  |  |  |
| 070604   | other organic solvents, washing liquids and mother liquors                           |  |  |  |
| 070607   | halogenated still bottoms and reaction residues                                      |  |  |  |
| 070608   | other still bottoms and reaction residues  |  |  |  |
| 070609   | halogenated filter cakes, spent absorbents   |  |  |  |

| EWC-code | Description  |  |  |  |
|----------|--|--|--|--|
| 070610   | other filter cakes, spent absorbents   |  |  |  |
| 0707     | WASTE FROM THE MFSU OF FINE CHEMICALS AND CHEMICAL PRODUCTS NOT OTHERWISE SPECIFIED  |  |  |  |
| 070701   | aqueous washing liquids and mother liquors   |  |  |  |
| 070703   | organic halogenated solvents, washing liquids and mother liquors   |  |  |  |
| 070704   | other organic solvents, washing liquids and mother liquors   |  |  |  |
| 070707   | halogenated still bottoms and reaction residues  |  |  |  |
| 070708   | other still bottoms and reaction residues  |  |  |  |
| 070709   | halogenated filter cakes, spent absorbents   |  |  |  |
| 070710   | other filter cakes, spent absorbents   |  |  |  |
| 08       | WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVE, SEALANTS AND PRINTING INKS |  |  |  |
| 0801     | WASTES FROM MFSU OF PAINT AND VARNISH  |  |  |  |
| 080101   | waste paints and varnish containing halogenated solvents   |  |  |  |
| 080102   | waste paints and varnish free of halogenated solvents  |  |  |  |
| 080106   | sludges from paint or varnish removal containing halogenated solvents  |  |  |  |
| 080107   | sludges from paint or varnish removal free of halogenated solvents   |  |  |  |
| 0803     | WASTES FROM MFSU OF PRINTING INKS  |  |  |  |
| 080301   | waste ink Containing halogenated solvents waste  |  |  |  |
| 080302   | ink free of halogenated solvents   |  |  |  |
| 080305   | ink sludges containing halogenated solvents ink  |  |  |  |
| 080306   | sludges free of halogenated solvents   |  |  |  |
| 0804     | WASTES FROM MFSU OF ADHESIVE AND SEALANTS (INCLUDING WATER-PROOFING PRODUCTS)  |  |  |  |
| 080401   | waste adhesives and sealants containing halogenated solvents   |  |  |  |
| 080402   | waste adhesives and sealants free of halogenated solvents  |  |  |  |
| 080405   | adhesives and sealants sludges containing halogenated solvents   |  |  |  |
| 080406   | adhesives and sealants sludges free of halogenated solvents  |  |  |  |
| )9       | WASTES FROM THE PHOTOGRAPHIC INDUSTRY  |  |  |  |
| 0901     | WASTES FROM PHOTOGRAPHIC INDUSTRY  |  |  |  |
| 090101   | water based developer and activator solutions  |  |  |  |
| 090102   | water based offset plate developer solutions   |  |  |  |
| 090103   | solvent based developer solutions  |  |  |  |
| 090104   | fixer solutions  |  |  |  |
| 090105   | bleach solutions and bleach fixer solutions  |  |  |  |
| 090106   | waste containing silver from on-site treatment of photographic waste   |  |  |  |
| 10       | INORGANIC WASTES FROM THERMAL PROCESSES  |  |  |  |
| 1001     | WASTES FROM POWER STATION AND OTHER COMBUSTION PLANTS (EXCEPT 190000)  |  |  |  |

| EWC-code | Description   |  |  |  |
|----------|---|--|--|--|
| 00104    | oily fish ash   |  |  |  |
| 00109    | sulphuric acid  |  |  |  |
| 003      | WASTES FROM ALUMINIUM THERMAL METALLURGY  |  |  |  |
| 00301    | tars and other carbon-containing wastes from anode manufacture  |  |  |  |
| 00303    | skimmings   |  |  |  |
| 00304    | primary smelting slags/white drosses  |  |  |  |
| 00307    | spent pot lining  |  |  |  |
| 00308    | salt slags from secondary smelting  |  |  |  |
| 00309    | black drosses from secondary smelting   |  |  |  |
| 00310    | waste from treatment of salt slags and black drosses treatment  |  |  |  |
| 004      | WASTES FROM LEAD THERMAL METALLURGY   |  |  |  |
| 00401    | slags (1st and 2nd smelting)  |  |  |  |
| 00402    | dross and skimmings (1st and 2nd smelting)  |  |  |  |
| 00403    | calcium arsenate  |  |  |  |
| 00404    | flue gas dust   |  |  |  |
| 00405    | other particulates and dust   |  |  |  |
| 00406    | solid waste from gas treatment  |  |  |  |
| 00407    | sludges from gas treatment  |  |  |  |
| 005      | WASTES FROM ZINC THERMAL METALLURGY   |  |  |  |
| 00501    | slags (1st and 2nd smelting)  |  |  |  |
| 00502    | dross and skimmings (1st and 2nd smelting)  |  |  |  |
| 00503    | flue gas dust   |  |  |  |
| 00505    | solid waste from gas treatment  |  |  |  |
| 00506    | sludges from gas treatment  |  |  |  |
| 006      | WASTES FROM COPPER THERMAL METALLURGY   |  |  |  |
| 00603    | flue gas dust   |  |  |  |
| 00605    | waste from electrolytic refining  |  |  |  |
| 00606    | solid waste from gas treatment  |  |  |  |
| 00607    | sludges from gas treatment  |  |  |  |
| l        | INORGANIC WASTE WITH METALS FROM METAL TREATMENT AND THE COATING OF   |  |  |  |
| 101      | METALS; NON-FERROUS HYDRO-METALLURGY  |  |  |  |
|          | LIQUID WASTES AND SLUDGES FROM METAL TREATMENT AND COATING OF METALS (e.g. GALVANIC PROCESSES. ZINC COATING PROCESSES, PICKLING PROCESSES, ETCHING, PHOSPHATIZING, ALKALINE DEGREASING) |  |  |  |
| 10101    | cyanidic (alkaline) wastes containing heavy metals other than chromium  |  |  |  |
| 10102    | cyanidic (alkaline) wastes whim do not contain heavy metals   |  |  |  |
| 10103    | cyanide-free wastes containing chromium   |  |  |  |
| 0105     | acidic pickling solutions   |  |  |  |

| EWC-code | Description  |
|----------|--|
| 10106    | acids not otherwise specified  |
| 10107    | alkalis not otherwise specified  |
| 10108    | phosphatizing sludges  |
| 102      | WASTES AND SLUDGES FROM NON-FERROUS HYRDOMETALLURGICAL PROCESSES                                 |
| 10202    | sludges from zinc hydrometallurgy (including jarosite, goethite)                                 |
| 103      | SLUDGES AND SOLIDS FROM TEMPERING PROCESSES  |
| 10301    | wastes containing cyanide  |
| 10302    | other wastes   |
| 2        | WASTES FROM SHAPING AND SURFACE TREATMENT OF METALS AND PLASTICS                                 |
| 201      | WASTFS FROM SHAPING (INCLUDING FORGING, WELDING, PRESSING, DRAWING, TURNING, CUTTING AND FILING) |
| 20106    | waste machining oils containing halogens (not emulsioned)  |
| 20107    | waste machining oils free of halogens (not emulsioned)   |
| 20108    | waste machining emulsions containing halogens  |
| 20109    | waste machining emulsions free of halogens   |
| 20110    | synthetic machining oils   |
| 20111    | machining sludges  |
| 20112    | spent waxes and fats   |
| 203      | WASTES FROM WATER AND STEAM DEGREASING PROCESSES (EXCEPT 110000)                                 |
| 20301    | aqueous washing liquids  |
| 20302    | steam degreasing wastes  |
| 3        | OIL WASTES (EXCEPT EDIBLE OILS, 050000 AND 120000)   |
| 301      | WASTE HYDRAULIC OILS AND BRAKE FLUIDS  |
| 30101    | hydraulic oils, containing PCBs or PCTs other  |
| 30102    | chlorinated hydraulic oils (not emulsions) non   |
| 30103    | chlorinated hydraulic oils (not emulsions)   |
| 30104    | chlorinated emulsion   |
| 30105    | non-chlorinated emulsions  |
| 30106    | hydraulic oils containing only mineral oil   |
| 30107    | other hydraulic oils   |
| 30108    | brake fluids   |
| 302      | WASTE ENGINE, GEAR AND LUBRICATING OILS  |
| 30201    | chlorinated engine, gear and lubricating oils  |
| 30202    | non-chlorinated engine, gear and lubricating oils  |
| 30203    | other machine, gear and lubrication oils   |
| 303      | WASTE INSULATING AND HEAT TRANSMISSION OILS AND OTHER LIQUIDS                                    |
| 30301    | insulating or heat transmission oils and other liquids containing PCBs or PCTs                   |
| 30302    | other chlorinated insulating and heat transmission oils and other liquids                        |

| EWC-code | Description  |
|----------|--|
| 30303    | non-chlorinated insulating and heat transmission oils and other liquids        |
| 30304    | synthetic insulating and heat transmission oils and other liquids              |
| 30305    | mineral insulating and heat transmission oils                                  |
| 304      | BILGE OILS   |
| 30401    | bilge oils from inland navigation  |
| 30402    | bilge oils from jetty sewers   |
| 30403    | bilge oils from other navigation   |
| 305      | OIL/WATER SEPARATOR CONTENTS   |
| 30501    | oil/water separator solids   |
| 30502    | oil/water separator sludges  |
| 30503    | interceptor sludges  |
| 30504    | desalter sludges or emulsions  |
| 30505    | other emulsions  |
| 306      | OIL WASTE NOT OTHERWISE SPECIFIED  |
| 30601    | oil waste not otherwise specified  |
| 4        | WASTES FROM ORGANIC SUBSTANCES EMPLOYED AS SOLVENTS (EXCEPT 070000 AND 080000) |
| 401      | WASTES FROM METAL DEGREASING AND MACHINERY MAINTENANCE                         |
| 40101    | chlorofluorocarbons  |
| 40102    | other halogenated solvents and solvent mixes                                   |
| 40103    | other solvents and solvent mixes   |
| 40104    | aqueous solvent mixes containing halogens                                      |
| 40105    | aqueous solvent mixes free of halogens   |
| 40106    | sludges or solid wastes containing halogenated solvents                        |
| 40107    | sludges or solid wastes free of halogenated solvents                           |
| 402      | WASTES FROM TEXTILE CLEANING AND DEGREASING OF NATURAL PRODUCTS                |
| 40201    | halogenated solvents and solvent mixes   |
| 40202    | solvent mixes or organic liquids free of halogenated solvents                  |
| 40203    | sludges or solid wastes containing halogenated solvents                        |
| 40204    | sludges or solid wastes containing other solvents                              |
| 403      | WASTES FROM THE ELECTRONIC INDUSTRY  |
| 40301    | chlorofluorocarbons  |
| 40302    | other halogenated solvents   |
| 40303    | solvents and solvent mixes free of halogenated solvents                        |
| 40304    | sludges or solid wastes containing halogenated solvents                        |
| 40305    | sludges or solid wastes containing other solvents                              |
| 404      | WASTES FROM COOLANTS, FOAM/AEROSOL PROPELLENTS                                 |
| 40401    | chlorofluorocarbons  |

| EWC-code | Description   |  |  |  |
|----------|---|--|--|--|
| 140402   | other halogenated solvents and solvent mixes  |  |  |  |
| 140403   | other solvents and solvent mixes  |  |  |  |
| 140404   | sludges or solid wastes containing halogenated solvents   |  |  |  |
| 140405   | sludges or solid wastes containing other solvents   |  |  |  |
| 1405     | WASTES FROM SOLVENT AND COOLANT RECOVERY (STILL BOTTOMS)  |  |  |  |
| 140501   | chlorofluorocarbons   |  |  |  |
| 140502   | halogenated solvents and solvent mixes  |  |  |  |
| 140503   | other solvents and solvent mixes  |  |  |  |
| 140504   | sludges containing halogenated solvents   |  |  |  |
| 140505   | sludges containing other solvents   |  |  |  |
| 16       | WASTES NOT OTHERWISE SPECIFIED IN THE CATALOGUE   |  |  |  |
| 1602     | DISCARDED EQUIPMENT AND SHREDDER RESIDUES   |  |  |  |
| 160201   | transformers and capacitors containing PCBs or PCTs   |  |  |  |
| 1604     | WASTE EXPLOSIVES  |  |  |  |
| 160401   | waste ammunition  |  |  |  |
| 160402   | fireworks waste   |  |  |  |
| 160403   | other waste explosives  |  |  |  |
| 1606     | BATTERIES AND ACCUMULATORS  |  |  |  |
| 160601   | lead batteries  |  |  |  |
| 160602   | Ni-Cd batteries   |  |  |  |
| 160603   | mercury dry cells   |  |  |  |
| 160606   | electrolyte from batteries and accumulators   |  |  |  |
| 160      | WASTE FROM TRANSPORT AND STORAGE TANK CLEANING (EXCEPT 050000 AND 120000)   |  |  |  |
| 7        | waste from marine transport tank cleaning, containing chemicals   |  |  |  |
| 160701   | waste from marine transpol1 tank cleaning, containing oil   |  |  |  |
| 160702   | waste from railway and road transport tank cleaning containing oil  |  |  |  |
| 160703   | waste from railway and road transport tank cleaning containing chemicals  |  |  |  |
| 160705   | waste from storage tank cleaning, containing chemicals  |  |  |  |
| 160706   | waste from storage tank cleaning, containing oil  |  |  |  |
| 17       | CONSTRUCTION AND DEMOLITION WASTE (INCLUDING ROAD CONSTRUCTION)   |  |  |  |
| 1706     | INSULATION MATERIALS  |  |  |  |
| 170601   | insulation materials containing asbestos  |  |  |  |
| 18       | WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (EXCLUDING KITCHEN AND RESTAURANT WASTES WHICH DO NOT ARISE FROM IMMEDIATE HEALTH CARE) |  |  |  |
| 1801     | WASTE FROM NATAL CARE, DIAGNOSIS, TREATMENT OR PREVENTION OF DISEASE IN HUMANS  |  |  |  |
| 180103   | other- wastes whose collection and disposal is subject to special requirements in view of the prevention of infection                                   |  |  |  |

| EWC-code | Description   |
|----------|---|
| 1802     | WASTE FROM RESEARCH, DIAGNOSIS, TREATMENT OR PREVENTION OF DISEASE INVOLVING ANIMALS                                      |
| 180202   | other wastes whose collection and disposal is subject to special requirements in view of the prevention of infection      |
| 180204   | discarded chemicals   |
| 19       | WASTES FROM WASTE TREATMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE WATER INDUSTRY                      |
| 1901     | WASTES FROM INCINERATION OR PYROLYSIS OF MUNICIPAL AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES            |
| 190103   | fly ash   |
| 190104   | boiler dust   |
| 190105   | filter cake from gas treatment  |
| 190106   | aqueous liquid waste from gas treatment and other aqueous liquid wastes   |
| 190107   | solid waste from gas treatment  |
| 190110   | spent activated carbon from flue gas treatment  |
| 1902     | WASTE FROM SPECIFIC PHYSICO/CHEMICAL TREATMENTS OF INDUSTRIAL WASTES (e.g. DECHROMATATION, DECYANIDATION, NEUTRALIZATION) |
| 190201   | metal hydroxide sludges and other sludges from metal insolubilization treatment   |
| 1904     | VITRIFIED WASTES AND WASTES FROM VITRIFICATION  |
| 190402   | fly ash and other flue gas treatment wastes   |
| 190403   | non-vitrified solid phase   |
| 1908     | WASTES FROM WASTE WATER TREATMENT PLANTS NOT OTHERWISE SPECIFIED  |
| 190803   | grease and oil mixture from oil/waste water separation  |
| 190806   | saturated or spent ion exchange resins  |
| 190807   | solutions and sludges from regeneration of ion exchangers   |
| 20       | MUNICIPAL WASTES AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES INCLUDING SEPARATELY COLLECTED FRACTIONS     |
| 2001     | SEPARATELY COLLECTED FRACTIONS  |
| 200112   | paint, inks, adhesives and resins   |
| 201113   | solvents  |
| 200117   | photo chemicals   |
| 200119   | pesticides  |
| 200121   | fluorescent tubes and other mercury containing waste  |
|          |   |

#### APPENDIX C LISTED SUBSTANCES

Beryllium and beryllium compounds (C1).

Vanadium compounds (C2).

Hexavalent chromium compounds (C3).

Cobalt compounds (C4).

Nickel compounds (CS).

Copper compounds (C6).

Zinc compounds (C7).

Arsenic and arsooic compounds (C8).

Selenium and selenium compounds (C9).

Silver compounds (C10).

Cadmium and cadmium compounds (C11).

Tin compounds (C12).

Antimony and antimony compounds (C13).

Tellurium and tellurium compounds (C14).

Barium compounds (with the exception of barium sulphate) (C15). Mercury and mercury compounds (C16).

Thallium and thallium compounds (C17).

Lead and lead compounds (C18).

Inorganic sulphides (C19).

Inorganic fluorine compounds (with the exception of calcium fluoride) (C20).

Inorganic cyanides (C21).

Lithium, sodium, potassium or magnesium in uncombined form (C22).

Acidic solutions or acids in solid form (C23).

Basic solutions or bases in solid form (C24).

Asbestos (dust and fibres) (C25).

Phosphorus and phosphorus compounds (with the exception of mineral phosphates) (C26).

Metal carbonyls (C27).

Peroxides (C28).

Otlorates (C29).

Perchlorates (C30).

Azides (C31).

Polychlorinated biphenyls and polychlorinated terphenyls (C32).

Phannaceutical and veterinary oompounds (C33).

Biocides and phytophannaceutical substances (e.g. pesticides etc.) (C34).

Infectious substances (C35).

Creosotes (C36).

Isocyanates and thiocyanates (C37).

Organic cyanides (e.g. nitriles, etc) (C38).

Pbenols and phenol oompounds (C39).

Halogenated solvents (C40).

Organic solvents (with the exception of halogenated solvents) (C41).

Organohalogen compounds (with the exception of inert polymerised materials) (C42).

Aromatic compounds, and polycyclic and heterocyclic organic compounds (C43).

Aliphatic amines (C44).

Aromatic amines (C45).

Ethers (C46).

Substances of an explosive character (C47).

Sulphur organic compounds (C48).

Any congener of polychlorinated dibenzo-furan (C49).

Any congener of polychlorinated dibenzo-p-dioxin (C50).

Hydrocarbons and their oxygen, nitrogen and sulphur compounds (C51).

(Note:- the reference in brackets at the end of each paragraph of this Appendix is the number of the corresponding paragraph in Annex II to Council Directive 91/689/EEC on hazardous waste.)

# APPENDIX D LIST OF CONDITIONS SATISFACTION OF ANY OF WHICH RESULTS IN CONTROLLED WASTE BEING SPECIAL WASTE ALTHOUGH NOT ON THE EC HAZARDOUS WASTE LIST

- 1. The controlled waste has a flash point below 21°C.
- 2. The total concentration of substances classified as very toxic is not less than 0.1 %.
- 3. The total concentration of substances classified as toxic is not less than 3%.
- 4. The total concentration of substances classified as corrosive and having assigned to them the risk phrase R35 is not less than 1 %.
- 5. The total concentration of substances classified as corrosive and having assigned to them the risk phrase R34 is not less than 5%.
- 6. The total concentration of substances classified as irritant and having assigned to them the risk phrase R41 is not less than 10%.
- 7. The total concentration of substances classified as irritant and having assigned to them any of the risk phrases R36, R37 or R38 is not less than 20%.
- 8. The total concentration of substances classified as carcinogenic and placed in category 1 or 2 of that classification is not less than 0.1 %.