

## IMPEL-TFS

### EW-C-A - EU HAZARDOUS WASTE LIST

Wastes contained in this list are characterized as hazardous in accordance to article 1 (4) of EU directive 91/689/EEC. These wastes are considered to display one or more of the properties of Annex III to Directive 91/689/EEC and, as regards hazard characteristics H3 to H8 of the said Annex, one or more of the following:

- flash point  $\leq 55$  °C,
- one or more substances classified as very toxic at a total concentration  $\geq 0,1$  %,
- one or more substances classified as toxic at a total concentration  $\geq 3$  %,
- one or more substances classified as harmful at a total concentration  $\geq 25$  %,
- one or more corrosive substances classified as R35 at a total concentration  $\geq 1$  %,
- one or more corrosive substances classified as R34 at a total concentration  $\geq 5$  %,
- one or more irritant substances classified as R41 at a total concentration  $\geq 10$  %,
- one or more irritant substances classified as R36, R37, R38 at a total concentration  $\geq 20$  %,
- one or more substances known to be carcinogenic (categories 1 or 2) at a total concentration  $\geq 0,1$  %.

Additionally note that:

- The different types of waste in the list are fully defined by the six-digit code for the waste and the respective two-digit and four-digit chapter headings.
- Inclusion in the list does not mean that the material or object is a waste in all circumstances. The entry is only relevant when the definition of waste according to Article 1 (a) of Directive 75/442/EEC has been satisfied, unless Article 2 (1) b of the Directive applies.
- The waste featuring on the list is subject to the provisions of Council Directive 91/689/EEC on hazardous waste, unless Article 1 (5) of the Directive applies.
- In accordance with Article 1 (4), second indent of Directive 91/689/EEC, any waste other than the ones listed below which is considered by a Member State to display any of the properties listed in Annex III to Council Directive 91/689/EEC on hazardous waste is hazardous. All such cases will be notified to the Commission and will be examined with a view to amending the list in accordance with Article 18 of Directive 75/442/EEC.

### EU HAZARDOUS WASTE LIST

<b>EW-C</b>	<b>EW-C item</b>
<b>02</b>	<b>WASTE FROM AGRICULTURAL, HORTICULTURAL, HUNTING, FISHING AND AQUACULTURE PRIMARY PRODUCTION, FOOD PREPARATION AND PROCESSING</b>
0201	PRIMARY PRODUCTION WASTE
020105	agrochemical wastes
<b>03</b>	<b>WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PAPER, CARDBOARD, PULP, PANELS AND FURNITURE</b>
0302	WOOD PRESERVATION WASTE
030201	non-halogenated organic wood preservatives
030202	organochlorinated wood preservatives
030203	organometallic wood preservatives
030204	inorganic wood preservatives
<b>04</b>	<b>WASTES FROM THE LEATHER AND TEXTILE INDUSTRIES</b>
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
<b>05</b>	<b>WASTES FROM PETROLEUM REFINING, NATURAL GAS PURIFICATION AND PYROLYTIC TREATMENT OF COAL</b>
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  
**06 WASTES FROM INORGANIC CHEMICAL PROCESSES**  
0601 WASTE ACIDIC SOLUTIONS  
060101 sulphuric acid and sulphurous acid  
060102 hydrochloric 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  
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 COSMETICS  
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  
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  
080302 waste ink free of halogenated solvents  
080305 ink sludges containing halogenated solvents  
080306 ink sludges free of halogenated solvents  
0804 WASTES FROM MFSU OF ADHESIVE AND SEALANTS (INCLUDING WATERPROOFING 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  
**09 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)  
100104 oil fly ash  
100109 sulphuric acid  
1003 WASTES FROM ALUMINIUM THERMAL METALLURGY  
100301 tars and other carbon-containing wastes from anode manufacture

- 100303 skimmings
- 100304 primary smelting slags/white drosses
- 100307 spent pot lining
- 100308 salt slags from secondary smelting
- 100309 black drosses from secondary smelting
- 100310 waste from treatment of salt slags and black drosses treatment
- 1004 WASTES FROM LEAD THERMAL METALLURGY
- 100401 slags (1st and 2nd smelting)
- 100402 dross and skimmings (1st and 2nd smelting)
- 100403 calcium arsenate
- 100404 flue gas dust
- 100405 other particulates and dust
- 100406 solid waste from gas treatment
- 100407 sludges from gas treatment
- 1005 WASTES FROM ZINC THERMAL METALLURGY
- 100501 slags (1st and 2nd smelting)
- 100502 dross and skimmings (1st and 2nd smelting)
- 100503 flue gas dust
- 100505 solid waste from gas treatment
- 100506 sludges from gas treatment
- 1006 WASTES FROM COPPER THERMAL METALLURGY
- 100603 flue gas dust
- 100605 waste from electrolytic refining
- 100606 solid waste from gas treatment
- 100607 sludges from gas treatment
- 11 INORGANIC WASTE WITH METALS FROM METAL TREATMENT AND THE COATING OF METALS; NON-FERROUS HYDRO-METALLURGY**
- 1101 LIQUID WASTES AND SLUDGES FROM METAL TREATMENT AND COATING OF METALS (e.g. GALVANIC PROCESSES, ZINC COATING PROCESSES, PICKLING PROCESSES, ETCHING, PHOSPHATIZING, ALKALINE DEGREASING)
- 110101 cyanidic (alkaline) wastes containing heavy metals other than chromium
- 110102 cyanidic (alkaline) wastes which do not contain heavy metals
- 110103 cyanide-free wastes containing chromium
- 110105 acidic pickling solutions
- 110106 acids not otherwise specified
- 110107 alkalis not otherwise specified
- 110108 phosphatizing sludges
- 1102 WASTES AND SLUDGES FROM NON-FERROUS HYDROMETALLURGICAL PROCESSES
- 110202 sludges from zinc hydrometallurgy (including jarosite, goethite)
- 1103 SLUDGES AND SOLIDS FROM TEMPERING PROCESSES
- 110301 wastes containing cyanide
- 110302 other wastes
- 12 WASTES FROM SHAPING AND SURFACE TREATMENT OF METALS AND PLASTICS**
- 1201 WASTES FROM SHAPING (INCLUDING FORGING, WELDING, PRESSING, DRAWING, TURNING, CUTTING AND FILING)
- 120106 waste machining oils containing halogens (not emulsioned)
- 120107 waste machining oils free of halogens (not emulsioned)
- 120108 waste machining emulsions containing halogens
- 120109 waste machining emulsions free of halogens
- 120110 synthetic machining oils
- 120111 machining sludges
- 120112 spent waxes and fats
- 1203 WASTES FROM WATER AND STEAM DEGREASING PROCESSES (EXCEPT 110000)
- 120301 aqueous washing liquids
- 120302 steam degreasing wastes
- 13 OIL WASTES (EXCEPT EDIBLE OILS, 050000 AND 120000)**
- 1301 WASTE HYDRAULIC OILS AND BRAKE FLUIDS
- 130101 hydraulic oils, containing PCBs or PCTs
- 130102 other chlorinated hydraulic oils (not emulsions)
- 130103 non chlorinated hydraulic oils (not emulsions)
- 130104 chlorinated emulsions
- 130105 non-chlorinated emulsions

- 130106 hydraulic oils containing only mineral oil
- 130107 other hydraulic oils
- 130108 brake fluids
- 1302 WASTE ENGINE, GEAR AND LUBRICATING OILS
- 130201 chlorinated engine, gear and lubricating oils
- 130202 non-chlorinated engine, gear and lubricating oils
- 130203 other machine, gear and lubrication oils
- 1303 WASTE INSULATING AND HEAT TRANSMISSION OILS AND OTHER LIQUIDS
- 130301 insulating or heat transmission oils and other liquids containing PCBs or PCTs
- 130302 other chlorinated insulating and heat transmission oils and other liquids
- 130303 non-chlorinated insulating and heat transmission oils and other liquids
- 130304 synthetic insulating and heat transmission oils and other liquids
- 130305 mineral insulating and heat transmission oils
- 1304 BILGE OILS
- 130401 bilge oils from inland navigation
- 130402 bilge oils from jetty sewers
- 130403 bilge oils from other navigation
- 1305 OIL/WATER SEPARATOR CONTENTS
- 130501 oil/water separator solids
- 130502 oil/water separator sludges
- 130503 interceptor sludges
- 130504 desalter sludges or emulsions
- 130505 other emulsions
- 1306 OIL WASTE NOT OTHERWISE SPECIFIED
- 130601 oil waste not otherwise specified
- 14 WASTES FROM ORGANIC SUBSTANCES EMPLOYED AS SOLVENTS (EXCEPT 070000 AND 080000)**
- 1401 WASTES FROM METAL DEGREASING AND MACHINERY MAINTENANCE
- 140101 chlorofluorocarbons
- 140102 other halogenated solvents and solvent mixes
- 140103 other solvents and solvent mixes
- 140104 aqueous solvent mixes containing halogens
- 140105 aqueous solvent mixes free of halogens
- 140106 sludges or solid wastes containing halogenated solvents
- 140107 sludges or solid wastes free of halogenated solvents
- 1402 WASTES FROM TEXTILE CLEANING AND DEGREASING OF NATURAL PRODUCTS
- 140201 halogenated solvents and solvent mixes
- 140202 solvent mixes or organic liquids free of halogenated solvents
- 140203 sludges or solid wastes containing halogenated solvents
- 140204 sludges or solid wastes containing other solvents
- 1403 WASTES FROM THE ELECTRONIC INDUSTRY
- 140301 chlorofluorocarbons
- 140302 other halogenated solvents
- 140303 solvents and solvent mixes free of halogenated solvents
- 140304 sludges or solid wastes containing halogenated solvents
- 140305 sludges or solid wastes containing other solvents
- 1404 WASTES FROM COOLANTS, FOAM/AEROSOL PROPELLENTS
- 140401 chlorofluorocarbons
- 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
- 1607 WASTE FROM TRANSPORT AND STORAGE TANK CLEANING (EXCEPT 050000 AND 120000)
- 160701 waste from marine transport tank cleaning, containing chemicals
- 160702 waste from marine transport tank cleaning, containing oil
- 160703 waste from railway and road transport tank cleaning containing oil
- 160704 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
- 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 WASTES 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
- 200113 solvents
- 200117 photo chemicals
- 200119 pesticides
- 200121 fluorescent tubes and other mercury containing waste