

Sorting of your hazardous waste from A to Z

It is important that you sort your hazardous waste properly to make us handle it in a safe way and recover as much as possible.

Find the proper waste group by following our waste guide!



Guide to classification

O	Does the waste contain heavily oxidising substances (e.g. organic peroxides) or is the waste responsive to water (heavy reaction, development of inflammable or acidic gases)?
K	Does the waste contain mercury (e.g. light sources, amalgam and metallic mercury)?
Z	Does the waste contain spray cans, empty packagings, medicine, isocyanates or mixed waste in minor packagings?
Т	Does the waste contain chemicals for pest control (e.g. pesticides) or empty packagings from such chemicals?
X	Does the waste only contain inorganic substances (e.g. hydrochloric acid, sulphuric acid, nitric acid, soda lye, cyanide baths, metal salts or fertiliser and fertiliser residuals)?
Α	Does the waste only contain mineral oil products (e.g. lubricating oil, fuel oil or diesel), but no emulsifying substances?
В	Does the waste contain substances with sulphur, fluoride, chlorine, bromine or iodine (e.g. trichloride, freon, mercaptans or PCB)?
С	Is the waste liquid and is the calorific value of the waste minimum 18 MJ/kg (e.g. petrol, turpentine, diluents, toluene, alcohol or acetone), and is the contents of water not higher than 50%?
Н	Is the waste organic-chemical without halogen or suphur (e.g. water-based glue, varnish or paint) or mixed organic and inorganic substances?



Examples:

Diesel Heat transfer oil (PCB free)

Fuel oil Lubricating oil Gear lubricant oil Motor oil Gas oil Oil filters Hydraulic oil Oil polluted cloth

Oil polluted soil Heating oil

PUMPABLE

Cans Tight head drums (iron/plastic) IBC's

NOT PUMPABLE

Cardboard boxes Open top drums (iron/plastic) Containers

Waste containing halogens and sulphur

Examples:

Chloroform Chlorotene

Condensators and Transformators

Freon

Methylene chloride

PCB oil

PCB polluted construction waste

Perchlorate

PVC Sulphur Tetrachloride Trichlorethane Trichloride

Trichloroethylene

PUMPABLE

Cans

Tight head drums (iron/plastic) IBC's

NOT PUMPABLE

Cardboard boxes Open top drums (iron/plastic) Containers

Waste with high content of energy

Examples:

Acetone Ethanole Methylethylketon Animal oil Fther (MEK) Ethyl acetate Methyl isobutyl ketone Synthetic oil Benzene Benzine Grill fluid (MIBK) Brake fluid Hexane Motor petrol Butyl acetate Isopropane Oil emulsions Carburettor alcohol Lamp oil Paraffin oil Deep fat oil Linseed oil Petrol Denatured alcohol Liquors

Petroleum Methanol Petroleum ether

PUMPABLE

Cans

Tight head drums (iron/plastic) IBC's

NOT PUMPABLE

Cardboard boxes Open top drums (iron/plastic) Containers

Waste with a low content of energy

Examples:

Diluent

Acetic acid Adhesive Amines **Asphalt** Bitumen Consistent grease Cutting and drilling fluids Degreasing baths

Developer bath

Epoxy compounds Ethylene glycol Filler **Filters** Fixing baths Formaline Oil emulsion Organic acids Organic salts

Paint, oil-based

Paint, water-based Phenole Polluted rags Polyoles Printing Ink Putty Refrigerants/lubricants Soap Synthetic oil Tectyl

Varnish and colouring agents, oil-based Varnish and colouring agents, water-based Waste water from brake washing Waste water fractions

Renolin

Styrene

Toluene

Turpentine

Vaseline oil

Vegetable oil

Xylene (xylol)

Technical petrol

PUMPABLE

Cans

Tight head drums (iron/plastic) IBC's

NOT PUMPABLE

Cardboard boxes Big bags Open top drums (iron/plastic) Containers



Waste containing mercury

Examples:

Amalgam
COD liquids
Fluorescent tubes
Glass/packaging materials polluted
by mercury
Kjeldahl liquids with mercury

Light sources with mercury Mercury-pickled seed corn Metallic mercury Relays with mercury Save energy bulbs Thermometers with mercury

PUMPABLE

Cans
Tight head drums
(iron/plastic)
IBC's

NOT PUMPABLE

Open top drums (iron/plastic) Cardboard boxes for light sources Containers for light sources

Reactive waste

Examples:

Fireworks

Oxidising substances
Borate and perborate
Bromate and perbromate
Chlorates and perchlorates
Chromates and
dichromates
Hydrogen peroxide
Hypochlorites (solid)
lodates and periodates
Inorganic peroxide
Lead oxide red
Manganates and
permanganates
Nitrite and Nitrate salts
Perchloric acid

Substances, highly responsive to water Phosphorus pentoxide

Organic peroxides

Acetone peroxide Acetyl acetone peroxide Cyclohexanon peroxide Dibenzoyl peroxide Methyl Ethyl Keton peroxide

Substances developing acid steams being in contact with water
Aluminium chloride
Chlorsulfone acid
Ferri Chloride (water-free)
Phosphorus Oxychloride
Siliciumtetrachloride
Sulphur dichloride
Thionyl chloride
Titanium tetrachloride
Zinc chloride
Zinc chloride (water-free)

Substances developing flammable gasses being in contact with water Alkali metals and alkali alloys Aluminium powder Amides of metals Carbides Chlorinated silanes Ferro silicium Hydrides Lithium aluminium hydride

Phosphides Silicides

Zink powder

PUMPABLE

Cans Tight head drums (iron/plastic)

NOT PUMPABLE

Open top drums (iron/plastic)

Please consider if the individual materials can be packed together with other waste fractions.

T Pesticides

Picrin acid

Silver nitrate

Examples:

Empty packagings (pesticides) Fungicidal seed corn Fungicides Herbicides Insecticides Mouse poison Pesticides Rat poison

PUMPABLE

Cans Tight head drums (iron/plastic) IBC's

NOT PUMPABLE

Cardboard boxes Open top drums (iron/plastic) Containers



Examples:

Acids

Chromic acid

Chromic-sulphuric acid

Ferrichloride

Galvanic baths

Hydrochloric acid

Hydrofluoric acid

Hypochlorite solutions

Mercury-free Kjeldahl liquids

Nitric acid

Phosphoric acid

Pickling acid

Sulphuric acid

Bases

Alkaline degreasing baths with cyanide

Ammonium hydroxide

Caustic soda

Caustic soda lye

Drain cleaner

Hardening salt

Leaching solution

Liquid caustic soda

Metal hydroxide sludge

Potash Iye

Potassium hydroxide, solid

Potassium hydroxide solution

Soda Iye

Sodium hydroxide, solid

PUMPABLE

Can

Tight head drums (iron/plastic)

NOT PUMPABLE

Cardboard boxes Open top drums (iron/plastic) Containers

Waste not belonging in other groups

Examples:

Brake linings

Clinical waste

Empty packagings

Hypodermic needles

Isocyanates (MDI, TDI)

Laboratory waste

Lead accumulators and other

lead waste for recycling

Medicine

Spray cans

PUMPABLE

Dunke

Spunstromler jern/plast Palletanke

NOT PUMPABLE

Cardboard boxes Open top drums (iron/plastic) Containers

