

Waste categories at Fortum

(Note: this is not an exhaustive list)

Category	Description	Examples	
O	O1: Oxidising substances <i>ADR class 5.1</i>	Borates and perborates Bromates and perbromates Chlorates and perchlorates Chromates and dichromates Hypochlorites (solid); solutions => B Iodates and periodates Manganates and permanganates Red lead, i.e. Pb ₃ O ₄	Nitrite- and nitrate salts Perchloric acid (HClO ₄) Picric acid Silver nitrate (AgNO ₃) Dry chloride Inorganic peroxides, i.e. hydrogen peroxide 
	O2: Organic peroxides <i>ADR class 5.2</i>	Acetone peroxide Acetylene peroxide Benzoyl peroxide Cyclohexanon peroxide	Dibenzoyl peroxide Methyl ethyl ketone peroxide Organic peroxides  
	O3: Develops acid fumes in contact with water <i>Some substances according to ADR class 8 (C1 and C2)</i>	Aluminium chloride, anhydride Chlorosulfonic acid (ClSO ₂ OH) Ferric chloride, anhydride (FeCl ₃) Phosphorus oxychloride (POCl ₃) Silicium tetrachloride (SiCl ₄)	Sulfur dichloride (SCl ₂) Thionyl chloride (SOCl ₂) Titanium tetrachloride (TiCl ₄) Zinc chloride, anhydride (ZnCl ₂) 
	O4: Develops flammable gasses in contact with water <i>ADR class 4.3 or CLP: Water-react</i>	Alkali metals and alloys (i.e. Sodium) Aluminium powder Amides of metals Carbides (i.e. calcium carbide CaC ₂) Chloro silanes Ferrosilicon	Fireworks – wet/dry Hydrides Lithium aluminium hydride Phosphides Silicides 
	Other reactive substances	Dinitrobenzene Sodium azide Phosphorus pentoxide	<i>EUH032</i> 
K	Waste containing mercury	Amalgam filters COD liquids Energy saving light bulbs Kjeldahl liquids (with mercury) Mercury batteries Mercury stained seed	Glass/packaging with mercury Mercury lamps (sun lamps) Mercury relays Mercury thermometers Fluorescent lamps "Rektol" ointment (drug)
Z	Other waste	Mixed batteries Mixt. of alkali- and manganese batteries Lead batteries /lead waste Brake linings Isocyanates (i.e. MDI, TDI) Needles Clinical waste (Z 4.1.1.) Lithium batteries/lithium ion batteries	Drugs (in drug boxes) Nickel-cadmium batteries Nickel-metalhydride batteries <i>H229</i> Aerosols Silver oxide batteries Empty packaging Pressure cylinders <i>EUH204</i>  
T	Pesticides and biocides	Stained seed Biocides Insecticides Mouse poison Pesticides	Rat poison Fungicides Empty packaging from biocides Herbicides   
X	Inorganic chemical waste	Acids, inorganic Stain acids Chromium sulphuric acid Chromic acid Ferric chloride Ferrous sulphate Hydrofluoric acid Galvanic baths Kjeldahl liquids, mercury free Oleum (fuming sulphuric acid) Phosphoric acid Nitric acid Hydrochloric acid Sulfuric acid	Bases, inorganic Drain cleaner Ammonia Basic cleaning baths with cyanide Curing salts Potassium hydroxide, solid/solution Alkalis Metal hydroxide sludge Sodium hydroxide, solid Sodium hydroxide solution/ Caustic soda Salts etc. Fertilizers Cooking salt (NaCl) and road salt Thiosulphates Inorganic salts and compounds 

A	Mineral oil	Diesel fuel Fuel oil Heating oil Gear oil Gas oil Thermal oil Hydraulic oil Chainsaw oil	Engine oil Oil from oil separators Oil filters Oil contaminated cloths Oil contaminated soil/sand Lubricants Heat transfer oil (free from PCB)
B	Organic chemical waste with content of halogen or sulphur (<i>summe of organic bound halogen or sulphur > 1%</i>)	Chlorine Chloroform Chlorinated solvents Dimethyl sulfoxide (DMSO) Freon Cutting fluids/liquids containing halogen Iodine solutions Chlorine bleach/hypochlorite solutions Capacitors and transformers (BCB/PCT)	Methylene chloride PCB containing building waste PCB containing oil PVC Sulphur Tetrachloroethylene
C	Liquid high energy organic chemical waste without halogen or sulphur (<i>organic solvents with a heat of combustion > 18 MJ/kg</i>)	Acetone and other ketones Acetates, i.e. butyl- and ethyl acetate Acetonitrile Alkanes, i.e. hexane and heptane Alcohols, i.e. ethanol, IPA and methanol Amides Oils of animal origin Benzene Gasoline/petrol Brake fluid Dimethylformamide Ethers, i.e. diethyl ether Thinner/diluent, i.e. cellulose thinner Cooking oil	Alcohol carburettor (ethanol, IPA) Ketones, i.e. butanone and MEK Lamp oil Linseed oil White spirit Oil emulsions Paraffinic oil (petrolatum) Petroleum (Charcoal lighter fluid) Styrene Synthetic oil Toluene Vaseline oil Vegetable oil/turpentine Xylene
H	Waste with low combustion energy (<i>organic chemical without halogen/sulfur with > 50% water</i>)	Alkaline degreaser with organic residues Amines Asphalt, bitumen and tar Cutting fluids Waste from brake washing Acetic acid and glacial acetic acid Epoxy compounds Ethylene glycol (antifreeze agent) Ink cartridges Filters (paint filters, air filters, gasoline filter) Fixative (< 1% sulphur) Formaldehyde Glue/adhesive Contaminated cloths Photographic developer Glycols, i.e. ethylene glycol Hand cleaners Metal working fluids Paint, varnish, lacquer, ink Latex emulsion	Lye from de-acidification (with wood residues) Formic acid Oil emulsions (with emulsifiers) Organic salts, i.e. acetates Organic acids, i.e. citric acid Phenol Polyols X-rays (containing silver) Liquid scintillation cocktails (low radio activity) Lubricating greases Fillers (plastic padding) Waste water Synthetic oils Tectyl (corrosion inhibitor) Used toner cartridges Wood protection Cleaning agents (detergents) Soap



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Alttox a/s • Tonsbakken 16-18 • DK-2740 Skovlunde • Tel. +45 38 34 77 98

alttox@alttox.dk • www.alttox.dk

Bank: Sparekassen Kronjylland, IBAN no. DK88 6682 0012 2973 27 • S.W.I.F.T. address: KRONDK22 • Vat. no. DK 15 28 82 99