



Controlled waste category list

The Controlled Waste category list arranges the controlled wastes listed in Schedule 1 of the *Environmental Protection (Controlled Waste) Regulations 2004* into 15 broad waste groups and assigns a waste code to each waste type within the group. The waste codes are used by industry and the Department of Environment Regulation for waste tracking and reporting purposes.

Category Group	Waste Code	Waste Type	Waste Examples
A Plating & Heat Treatment	A100	Waste resulting from the surface treatment of metals and plastics	<ul style="list-style-type: none"> Waste from surface treatment of metals and plastics
	A110	Waste from heat treatment and tempering processes which use cyanide	<ul style="list-style-type: none"> Waste from heat treatment and tempering processes which use cyanide
	A130	Inorganic cyanide	<ul style="list-style-type: none"> Complex cyanides (inorganic) Inorganic isocyanates Other cyanides (inorganic)
B Acids	B100	Acidic solutions or acids in solid form	<ul style="list-style-type: none"> Chromic acid Glacial acetic acid Hydrochloric acid Hydrofluoric acid Mineral acids Mixed acids (inorganic) Nitric acid Phosphoric acid Pickle liquor Sulfuric acid Sulfuric/hydrochloric acid mixtures Other acids
C Bases	C100	Basic (alkaline) solutions or bases (alkalis) in solid form	<ul style="list-style-type: none"> Alkaline cleaners Ammonia Ammonium hydroxide Calcium hydroxide Caustic soda Lime Potash Other alkaline waste

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D Inorganic Chemicals	D100	Metal carbonyls	<ul style="list-style-type: none"> Iron pentacarbonyl Nickel carbonyl
	D110	Inorganic fluorine compounds (excluding calcium fluoride)	<ul style="list-style-type: none"> Inorganic fluoride wastes often result from industrial processes such as steel manufacture, primary aluminium, copper and nickel production, phosphate fertiliser production and brick and ceramic manufacture Sodium fluoride
	D120	Mercury and mercury compounds	<ul style="list-style-type: none"> Mercury and mercury compounds Mercury impregnated activated carbon Phenyl mercuric acid (PMA) Phenyl mercuric chloride (PMC) Quicksilver
	D130	Arsenic and arsenic compounds	<ul style="list-style-type: none"> Arsenic and arsenic compounds Arsenic Trioxide
	D140	Chromium compounds	<ul style="list-style-type: none"> Hexavalent and trivalent chromium wastes
	D141	Tannery waste containing chromium	<ul style="list-style-type: none"> Tannery wastes such as leather dust, ash, sludge and flours from tanneries who use chromium in their processes
	D150	Cadmium and cadmium compounds	<ul style="list-style-type: none"> Cadmium and cadmium compounds
	D151	Used nickel cadmium batteries	No controlled waste tracking form currently required. Please refer to Controlled Waste Fact Sheet – Transporting Used Batteries for further information.
	D160	Beryllium and beryllium compounds	<ul style="list-style-type: none"> Beryllium and beryllium compounds
	D170	Antimony and antimony compounds	<ul style="list-style-type: none"> Antimony and antimony compounds
	D180	Thallium and thallium compounds	<ul style="list-style-type: none"> Thallium and thallium compounds
	D190	Copper compounds	<ul style="list-style-type: none"> Bluestone (copper sulphate) Copper compounds (excluding copper fungicides)
D200	Cobalt compounds	<ul style="list-style-type: none"> Cobalt compounds 	

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D Inorganic Chemicals continued	D210	Nickel compounds	<ul style="list-style-type: none"> Nickel compounds Spent catalysts (nickel)
	D211	Used nickel metal hydride batteries	No controlled waste tracking form currently required. Please refer to Controlled Waste Fact Sheet – Transporting Used Batteries for further information.
	D220	Lead and lead compounds	<ul style="list-style-type: none"> Grit blast waste Lead wastes Used fire assay cupels
	D221	Used lead acid batteries	No controlled waste tracking form currently required. Please refer to Controlled Waste Fact Sheet – Transporting Used Batteries for further information.
	D230	Zinc compounds	<ul style="list-style-type: none"> Zinc compounds
	D240	Selenium and selenium compounds	<ul style="list-style-type: none"> Selenium and selenium compounds
	D250	Tellurium and tellurium compounds	<ul style="list-style-type: none"> Tellurium and tellurium compounds
	D270	Vanadium compounds	<ul style="list-style-type: none"> Spent catalysts Vanadium compounds
	D290	Barium and barium compounds	<ul style="list-style-type: none"> Barium and barium compounds (excluding barium sulphate)
	D300	Non toxic salts	<ul style="list-style-type: none"> Aluminium dross, aluminium smelter waste Ammonium chloride Calcium chloride Non-metallic product Salt slag Sodium chloride
	D310	Boron compounds	<ul style="list-style-type: none"> Borax Boron and boron compounds Boron trioxide
	D330	Inorganic sulfides	<ul style="list-style-type: none"> Inorganic sulphur containing compounds
	D340	Perchlorates	<ul style="list-style-type: none"> Perchlorates

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D Inorganic Chemicals continued	D350	Chlorates	<ul style="list-style-type: none"> • Magnesium chlorate • Potassium chlorate • Sodium chlorate
	D360	Phosphorus compounds excluding mineral phosphates	<ul style="list-style-type: none"> • Ethyl phosphate • Phosphorus and phosphorus compounds (inorganic)
E Reactive Chemicals	E100	Waste containing peroxides excluding hydrogen peroxide	<ul style="list-style-type: none"> • Barium peroxide • Sodium peroxide
	E120	Waste of an explosive nature not subject to other legislation	<ul style="list-style-type: none"> • Waste of an explosive nature not subject to other legislation
	E130	Highly reactive chemicals not otherwise specified	<ul style="list-style-type: none"> • Highly reactive chemicals not otherwise specified
F Paints, Resins, Inks and Organic Sludges	F100	Aqueous-based wastes from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish	<ul style="list-style-type: none"> • Water based wastes from inks, dyes, pigments, paints, lacquers and varnish
	F110	Aqueous-based wastes from the production, formulation and use of resins, latex, plasticisers, glues and adhesives	<ul style="list-style-type: none"> • Water based wastes from resins, latex, plasticisers, glues and adhesives
	F120	Solvent based-wastes from the production, formulation and use of inks, dyes, pigments, paints, lacquers and varnish	<ul style="list-style-type: none"> • Solvent (hydrocarbon) based-wastes from inks, dyes, pigments, paints, lacquers and varnish
	F130	Solvent based wastes from the production, formulation and use of resins, latex, plasticisers, glues and adhesives	<ul style="list-style-type: none"> • Solvent (hydrocarbon) based wastes from resins, latex, plasticisers, glues and adhesives
G Organic Solvents	G100	Ethers & highly flammable hydrocarbons	<ul style="list-style-type: none"> • Ethers • Waste aviation fuel (Av-Gas) • Waste petrol

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G Organic Solvents continued	G110	Non-halogenated organic solvents	<ul style="list-style-type: none"> • Acetone • Benzene • Ethanol • Hexane • Klenasol (non-chlorinated) • Methanol • Methyl ethyl ketone • Methylated spirits • Mineral turpentine • Toluene • Waste jet fuel • Waste kerosene • White spirit • Xylene
	G130	Dry-cleaning wastes containing perchloroethylene	<ul style="list-style-type: none"> • Dry-cleaning wastes containing perchloroethylene
	G150	Halogenated organic solvents Not otherwise specified	<ul style="list-style-type: none"> • Carbon tetrachloride • Genklene • Methylene chloride (dichloromethane) i.e. paint stripper • Tetrachloroethylene • Trichloroethane • Trichloroethylene • Trinue
	G160	Waste from production, use and formulation of organic solvents not otherwise specified	<ul style="list-style-type: none"> • Organic solvents and solvent residues not otherwise specified • Solvent recovery residues
H Pesticides	H100	Waste from the production, formulation or use of biocides and phytopharmaceuticals	<ul style="list-style-type: none"> • Arsenic based pesticides such as sheep dip, daconate, DMA (disodium methylarsonate) and DSMA (disodium methyl arsenate) • Biological pesticides • Inorganic and organo-metallic pesticides including copper based fungicides • Mixed pesticide residue • Nitrogen containing pesticides including paraquat and trifluralin • Sulfur containing pesticides • Glyphosate
	H110	Organic phosphorous compounds	<ul style="list-style-type: none"> • Organic phosphorus compounds • Organo phosphorus pesticides

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H Pesticides continued	H130	Organochlorine pesticides	<ul style="list-style-type: none"> • Chlordane • DDT • Dieldrin • Heptachlor • Aldrin
	H170	Waste wood-preserving chemicals	<ul style="list-style-type: none"> • Copper-chrome-arsenic (CCA) • Creosote • Organic wood preserving compounds • Other inorganic wood preserving compounds
J Oils	J100	Waste mineral oils unfit for their intended purpose	<ul style="list-style-type: none"> • Mineral oils unfit for their original intended use (lubricating and hydraulic) • Oils, hydrocarbons and emulsions • Petroleum based grease such as axle grease • Rags and absorbent material wet/saturated with oil • Transformer fluids (excluding PCB's) • Waste hydrocarbons which are not highly flammable, such as diesel • Waste mineral oil and coolant mixtures <p>NOTE: Dried oily rags and absorbent materials (not containing free liquids) are generally suitable for disposal to putrescible landfill. If they are suitable for disposal at a Class I, II or III landfill they are not controlled waste.</p>
	J120	Waste oil and water mixtures or emulsions, and hydrocarbon and water mixtures or emulsions	<ul style="list-style-type: none"> • Cutting oils and soluble oils • Hydrocarbon such as petrol or diesel and water mixtures or emulsions • Waste oil and water mixtures or emulsions
	J130	Oil interceptor wastes	<ul style="list-style-type: none"> • Oil interceptor wastes • Triple interceptor wastes
	J160	Waste tarry residues arising from refining, distillation or pyrolytic treatment	<ul style="list-style-type: none"> • Tars and tarry residues
	J170	Used oil filters	<ul style="list-style-type: none"> • Used oil filters <p>NOTE: drained and/or mechanically crushed oil filters not containing free liquids are generally suitable for disposal to putrescible landfill. If they are suitable for disposal at a Class I, II or III landfill they are not controlled waste.</p>

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J Oils continued	J180	Oil sludge	<ul style="list-style-type: none"> Oil sludge from plate separators
K Putrescible and Organic Wastes	K100	Animal effluent and residues	<ul style="list-style-type: none"> Abattoir effluent Animal effluent and residues Animal oils and derivatives Poultry and seafood processing waste Stock truck washes
	K110	Waste from grease traps	<ul style="list-style-type: none"> Grease interceptor waste from grease traps
	K130	Sewage waste from the reticulated sewerage system	<ul style="list-style-type: none"> Sewage waste from the reticulated sewerage system (e.g. Water Corporation)
	K140	Tannery wastes not containing chromium	<ul style="list-style-type: none"> Tannery wastes such as leather dust, ash, sludges and flours from tanneries which do not use chromium in their processes
	K190	Wool scouring wastes	<ul style="list-style-type: none"> Wool scouring waste
	K200	Food and beverage processing wastes	<ul style="list-style-type: none"> Dairy waste such as unusable milk and ice cream Vegetable and fruit processing effluent Winery wastes Other liquid food waste <p>NOTE: Vegetable oil is not a controlled waste.</p>
	K210	Septage wastes	<ul style="list-style-type: none"> Liquid and solid components from the pump-out of septic tanks
L Industrial Wash Water	L100	Car and truck wash waters	<ul style="list-style-type: none"> Car and truck wash waters from wash down bays
	L150	Industrial wash waters contaminated with a controlled waste	<ul style="list-style-type: none"> Boiler blowdown sludge Cooling tower wash waters Industrial plant wash waters Stormwater collected from industrial facilities including ports and landfills. Textile effluent and residues Wash water from industrial processes

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M Organic Chemicals	M100	Waste substances and articles containing polychlorinated biphenyls (PCBs)	<ul style="list-style-type: none"> • Equipment contaminated with PCBs • PCB oil • PCB waste (solid and liquid), as defined in the polychlorinated biphenyls management Plan (Revised Edition April 2003)
	M105	Waste substances and articles containing polybrominated biphenyls (PBB), polychlorinated naphthalenes (PCN), and/or polychlorinated terphenyls (PCT)	<ul style="list-style-type: none"> • Equipment contaminated with PBB, PCN, and/or PCT • Waste PBB, PCN and/or PCT
	M130	Non-halogenated organic chemicals	<ul style="list-style-type: none"> • Brake fluid • Coolant (if mixed with waste mineral oil place under J100) • Ethylene glycol (antifreeze) • Propylene glycol • Radiator fluid
	M150	Phenols, phenol compounds including halogenated phenols	<ul style="list-style-type: none"> • Carboic acid (phenol) • Phenols, phenol compounds including halogenated phenols
	M160	Organohalogen compounds not elsewhere listed	<ul style="list-style-type: none"> • Halogenated organic compounds • Hexachlorobenzene (HCB) • PFOS and PFOA fire fighting foams
	M170	Polychlorinated dibenzofuran (any congener)	<ul style="list-style-type: none"> • Furans are inadvertently produced as a result of combustion activities including power generation, waste incineration, metal smelting and some types of chemical manufacture
	M180	Polychlorinated dibenzop-dioxin (any congener)	<ul style="list-style-type: none"> • Dioxins are inadvertently produced as a result of combustion activities including power generation, waste incineration, metal smelting and some types of chemical manufacture
	M210	Cyanides (organic)/nitriles	<ul style="list-style-type: none"> • Nitriles • Organic cyanides
	M220	Isocyanate compounds	<ul style="list-style-type: none"> • Isocyanates (organic)
	M230	Triethylamine catalysts	<ul style="list-style-type: none"> • Spent catalysts for carbon dioxide scrubbing in natural gas processing • Spent triethylamine catalysts for setting foundry sands

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M Organic Chemicals continued	M250	Surfactants and detergents	<ul style="list-style-type: none"> • Detergents • Emulsifiers • Fire fighting foams (excluding PFOS and PFOA) • Surface active agents (surfactants) • Wetting agents
	M260	Highly odorous organic chemicals including mercaptans and acrylates	<ul style="list-style-type: none"> • Methacrylates (excluding solid inert polymeric material) • Odorous, organic compounds including mercaptans, acrylate • Organic sulphur compounds
N Soils and Sludge	N100	Containers or drums contaminated with residues of a controlled waste	<ul style="list-style-type: none"> • A residue is 1% or less of the containers total capacity
	N120	Soils contaminated with a controlled waste	<ul style="list-style-type: none"> • Soils contaminated with controlled waste at a concentration which exceeds the criteria for acceptance into a Class I, II or III landfill facility • Please refer to DER's Landfill Waste Classification and Waste Definitions 1996 (as amended Dec 2009) for landfill acceptance criteria <p>NOTE: Contaminated soil which meets the acceptance criteria for a Class I, II or III landfill facility is NOT controlled waste.</p>
	N140	Fire debris or fire wash waters	<ul style="list-style-type: none"> • Fire debris and wash waters contaminated with chemicals
	N150	Fly ash excluding fly ash generated from Australian coal fired power stations	<ul style="list-style-type: none"> • Fine particle residue generated by the combustion of coal by non-Australian power stations
	N160	Encapsulated, chemically fixed, solidified or polymerised controlled wastes	<ul style="list-style-type: none"> • Encapsulated, chemically fixed, solidified or polymerised controlled wastes including those suitable for disposal at a Class I, II or III landfill
	N190	Filter cake containing a controlled waste	<ul style="list-style-type: none"> • Filter cake containing controlled waste

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N Soils and Sludge continued	N205	Industrial waste treatment plant residues	<ul style="list-style-type: none"> Industrial waste treatment sludges and residues Ion-exchange column residues Residues from pollution control Scrubber sludge
	N220	Asbestos	Currently no controlled waste tracking form is required. Please refer to Controlled Waste Fact Sheet – Asbestos for information on asbestos packaging, labelling and transport requirements.
	N230	Ceramic based fibres with physico-chemical characteristics similar to asbestos	<ul style="list-style-type: none"> Aluminium silicate fibre products used mainly for fire protection and insulation purposes
R Clinical and Pharmaceutical	R100	Clinical and related wastes	<ul style="list-style-type: none"> Waste generated by medical, nursing, dental, veterinary, pharmaceutical or other related activity which is poisonous or infectious, likely to cause injury to public health or contains human tissue or body parts. NOTE: Sanitary napkins, incontinence pads, nappies, emptied colostomy/urine bags and dressings which are not saturated in blood, are NOT controlled waste.
	R120	Waste pharmaceuticals, drugs and medicines	<ul style="list-style-type: none"> Expired or discarded medicines, drugs and pharmaceuticals
	R130	Cytotoxic waste	<ul style="list-style-type: none"> Waste material including sharps contaminated with a cytotoxin
	R140	Waste from production or preparation of pharmaceutical products	<ul style="list-style-type: none"> Waste from production or preparation of pharmaceutical products
T Miscellaneous	T100	Waste chemical substances arising from research and development or teaching activities	<ul style="list-style-type: none"> Waste chemical substances arising from research and development or teaching activities
	T120	Waste from production or formulation of photographic chemicals or processing materials.	<ul style="list-style-type: none"> Waste from production or formulation of photographic chemicals or processing materials such as fixer and developer may contain silver
	T140	Used Tyres	<ul style="list-style-type: none"> Used truck and passenger tyres