

Guidance sheet 3: Prohibited and Restricted Chemicals

The following chemicals are prohibited in Department of Education and Early Childhood Development (DEECD) schools:

- ammonium nitrite
- asbestos fibre
- benzene
- carbon disulfide
- carbon tetrachloride
- chloroform
- 1,2-dichloroethane (ethylene dichloride)
- hydrofluoric acid
- perchloric acid
- picric acid
- potassium cyanide
- sodium cyanide
- toluene (methyl benzene)
- Any substance that is listed in Appendix A of the 7th Edition of the ADG Code as Goods Too Dangerous to be Transported
- Any substance requiring a permit under the Victorian Poisons Code (all S4, S8 & S9 plus those S7 Poisons listed in Part 2 of that Code)
- All Scheduled Carcinogenic Substances

If a DEECD school has any of the chemicals in or referenced in the above list, they should be immediately disposed of, following consultation with local government authorities as to the most appropriate method or by using the services of a professional chemical disposal agent (refer to the “Yellow Pages” under “Waste Reduction & Disposal Services”).

Restricted Chemical: Ammonium Nitrate

Ammonium nitrate is classified as a High Consequence Dangerous Good (HCDG) meaning it has the potential to cause mass casualties and/or destruction. Schools are not permitted to use ammonium nitrate other than for educational purposes such as laboratory exercises that form part of the curriculum. Schools are not permitted to store above 3 kg of ammonium nitrate in the workplace at any one time. Schools that store and use up to 3 kg of ammonium nitrate for the purposes of

educational instruction are exempt from obtaining a licence under the *Dangerous Goods Legislation (Amendment) Act 2004*.

Scheduled Carcinogenic Substances

No Scheduled Carcinogenic Substance may be kept or used without a licence from WorkSafe Victoria. The following listing is derived from the National Model Regulations for the Control of Scheduled Carcinogenic Substances [NOHSC 1005(1994)], in accordance with the *Occupational Health and Safety Regulations 2007*, Part 4.2. It is expected that other substances will be added to these lists.

Schedule 1 Prohibited carcinogenic substances

A “**Schedule 1 carcinogenic substance**” is a substance (or any of its salts) listed in Schedule 1 used as a pure substance or in a mixture containing 0.1% or more of that substance. This is determined as a weight/weight (w/w) concentration for solids or liquids and a volume/volume (v/v) concentration for gases.

- 2-Acetylaminofluorene [53-96-3]
- Aflatoxins
- 4-Aminodiphenyl [92-67-1]
- Amosite [12172-73-5] (brown asbestos)
- Benzidine [92-87-5] and its salts (including benzidine dihydrochloride [531-85-1])
- bis(Chloromethyl) ether [542-88-1]
- Chloromethyl methyl ether [107-30-2] (technical grade which contains bis(chloromethyl) ether)
- Crocidolite [12001-28-4] (blue asbestos)
- 4-Dimethylaminoazobenzene [60-11-7]
- Naphthylamine [91-59-8] and its salts
- 4-Nitrodiphenyl [92-93-3]

Schedule 2 carcinogens

A “**Schedule 2 carcinogenic substance**” is any other substance (or any of its salts) listed in Schedule 2 used as a pure substance or in a mixture containing 0.1% or more of that substance.

This is determined as a weight/weight (w/w) concentration for solids or liquids and a volume/volume (v/v) concentration for gases, except for chrysotile or cyclophosphamide as listed in that Schedule.

Schedule 2 carcinogens are only permitted for use in the laboratory if WorkSafe Victoria is notified first.

- Acrylonitrile [107-13-1]
- Benzene [71-43-2]
- Chrysotile [12001-29-5] (white asbestos)
- Cyclophosphamide [50-18-0] (cytotoxic drug)
- 3,3'-Dichlorobenzidine [91-94-1] and its salts (including 3,3'-Dichlorobenzidine dihydrochloride [612-83-9])
- Diethyl sulfate [64-67-5]
- Dimethyl sulfate [77-78-1]
- Ethylene dibromide [106-93-4]
- 4,4'-Methylene bis(2-chloroaniline) [101-14-4] __MOCA
- 2-Propiolactone [57-57-8]
- o-Toluidine [95-53-4] and o-Toluidine hydrochloride [636-21-5]
- Vinyl chloride monomer

Further information and advice can be obtained by contacting DEECD's OHS Advisory Service on **1300 074 715** or your Regional OHS/WorkSafe Advisor.

