

## SCHEDULE 3: Hazardous Substances

### National Model Regulations for the Control of Workplace Hazardous Substances

[http://www.ascc.gov.au/NR/rdonlyres/F23EA1CD-33AE-478A-9363-BB0BD81EC64F/0/WorkplaceHazardousSubstancesmodel\\_regs\\_NOHSC1005\\_1994.pdf](http://www.ascc.gov.au/NR/rdonlyres/F23EA1CD-33AE-478A-9363-BB0BD81EC64F/0/WorkplaceHazardousSubstancesmodel_regs_NOHSC1005_1994.pdf)

#### Scheduled Hazardous Substances

##### **Schedule 1 - Prohibited Carcinogenic Substances**

2-Acetylaminofluorene  
Aflatoxins  
4-Aminodiphenyl  
Amosite (Asbestos)  
Benzidine  
Bis(Chloromethyl) ether  
Chloromethyl methyl ether  
Crocidolite  
4-Dimethylaminoabenzene  
2-Naphthylamine (and salts)  
4-Nitrodiphenyl

##### **Schedule 2 - Notifiable Carcinogenic Substances**

Acrylonitrile  
Benzene  
Chrysotile  
Cyclophosphamide  
3,3-Dichlorobenzidine  
Diethyl sulfate  
Dimethyl sulfate  
Ethylene dibromide  
4,4-Methylene chloroaniline)  
2-Propiolactone  
o-Toluidine  
o-Toluidine hydrochloride  
Vinyl chloride monomer

bis(2-

##### **Schedule 3 - Hazardous Substances requiring Health Surveillance**

Inorganic Arsenic  
Asbestos  
Cadmium  
Inorganic Chromium  
Inorganic lead  
Creosote  
Isocyanates  
Inorganic Mercury  
4,4 Methylene bis(2-chloroaniline) MOCA  
Organophosphate pesticides  
Pentachlorophenol (PCP)  
Polycyclic aromatic hydrocarbons (PAH)  
Crystalline silica  
Thallium  
Vinyl chloride  
Acrylonitrile  
Benzene  
Benzidine and its salt  
p-Biphenylamine  
Chloromethyl methyl ether  
3,3'-dichlorobenzidine and its salts  
sym-Dichloromethyl ether  
N-2-fluoroenylacetamide  
1-Naphthylamine  
2-Naphthylamine  
N-Nitrosodimethylamine  
beta-Propiolactone  
Acrylonitrile  
Camphechlor  
p-Dimethylaminoazobenzene  
1,2-Dibromo-3-Chloropropane  
4,4'-Methylenebis (2-Chloroaniline)

\* Preparations containing 1% or more of any of the substances referred to above are included.

**NB:** Health surveillance is only required where there is actual exposure of staff or students to hazardous substances.

A record of employees working with scheduled carcinogenic substances must be maintained for 30 years.

Departments should note that the list of suspected carcinogenic chemicals given in Appendix I of the NHMRC Code of Practice is more extensive than those in the current Regulations. Departments are advised to use this list for guidance.

## **References:**

1. **Environment Health and Safety Manual:** The University of Melbourne. EHSM 5.2.2.7.5. Scheduled Hazardous Substances @ <http://www.unimelb.edu.au/ehsm/5.html#5.2.2>.
2. **Faculty of Science: School of Chemistry: Safety:**  
<http://safety.chemistry.unimelb.edu.au/carcinogens.php>
3. **Code of Practice for Hazardous Substances** <http://safety.chemistry.unimelb.edu.au/pdf/hazsub.pdf>
4. **Chemical Analysis Branch Handbook 2006:** WorkCover New South Wales,  
[http://www.testsafe.com.au/docs/chemical\\_analysis\\_branch\\_handbook\\_550.pdf](http://www.testsafe.com.au/docs/chemical_analysis_branch_handbook_550.pdf)
5. **Guidelines for Health Surveillance** [NOHSC: 7039 (1995)]  
<http://www.ascc.gov.au/NR/rdonlyres/481CF3F5-8C4B-4BCC-AF65-3FDBA031D43B/0/HealthSurveillance.pdf>
6. **National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]** [http://www.ascc.gov.au/NR/rdonlyres/F23EA1CD-33AE-478A-9363-BB0BD81EC64F/0/WorkplaceHazardousSubstancesmodel\\_regs\\_NOHSC1005\\_1994.pdf](http://www.ascc.gov.au/NR/rdonlyres/F23EA1CD-33AE-478A-9363-BB0BD81EC64F/0/WorkplaceHazardousSubstancesmodel_regs_NOHSC1005_1994.pdf)
7. **Industrial Chemical Exposure: Guidelines for Biological Monitoring.** R.R. Lauwerys, P. Hoet 2001. ISBN: 0-87371-650-7 3rd Edition.