

# PARTICULARLY HAZARDOUS SUBSTANCES

(Note: This list is not all inclusive)

## Carcinogens – OSHA, IARC Group 1 and NTP Type 1

2-Acetylaminofluorene	Ethylene oxide
Acrylonitrile	Formaldehyde
Aflatoxins	Melphalan
4-Aminobiphenyl	Methyl Chloromethyl Ether
Arsenic (and As compounds)	Methylene Chloride
Asbestos	8-Methoxypsoralen plus UV radiation
Azathioprine	4,4-Methylenedianiline
Benzene	Mineral Oils (untreated and mildly treated)
Benzidine	Mustard Gas (bis(2-chloroethyl)sulfide)
Beryllium (and Be compounds)	$\alpha$ -Naphthylamine
Bis-chloromethyl ether	$\beta$ -Naphthylamine
1,3-Butadiene	Nickel (and Ni compounds)
1,4-Butanediol Dimethylsulfonate	4-Nitrobiphenyl
Cadmium (and Cd compounds)	N-Nitrosodimethylamine
Chlorambucil	Oestrogens (steroidal and non-steroidal)
N,N-bis(2-Chloroethyl)-2-naphthylamine	Oral Contraceptives (combined & sequential)
1-(2-Chloroethyl)-3-(4-methylcyclohexyl)-1-nitrosourea	Phenacetin (contained in analgesic mixtures)
Chromium (VI) compounds	$\beta$ -Propiolactone
Chloromethyl Methyl Ether	Radon
Coal tars (and volatiles and extracts)	Shale Oils
Cyclophosphamide	Silica (crystalline)
Cyclosporin	Soots (containing PAHs)
Diethylstilbestrol	2,3,7,8-Tetrachlorodibenzo- <i>p</i> -dioxin
3,3-Dichlorobenzidine (and its salts)	Thiotepa
N,N-Dimethylnitrosamine	Thorium Dioxide
4-Dimethylaminoazo-benzene	Tobacco Smoke (and smokeless tobacco)
Estrogens (conjugated)	Treosulfan
Erionite	Vinyl Chloride
Ethyleneimine	Wood Dust (certain hard woods)

## Examples of Reproductive Toxins (not all inclusive)

Arsenic (and certain As compounds)	Ethylene Oxide
Benzene	Lead compounds
Cadmium (and certain Cd compounds)	Mercury compounds
Carbon Disulfide	Vinyl Chloride
Ethylene Glycol Mono Methyl and Ethyl Ethers	Xylene

## Examples of Chemicals with High Acute Toxicity (not all inclusive)

Acrolein	Furan	Osmium tetroxide
Arsine	Hydrogen Cyanide	Ozone
Carbon Tetrachloride	Hydrogen Fluoride	Potassium Cyanide
Chlorine	Hydrazine	Phosgene
Cycloheximide	Methyl Fluorosulfonate	Sodium Azide
Diazomethane	Nickel Carbonyl	Sodium Cyanide (and cyanide salts)
Diborane (gas)	Nitrogen Dioxide	Thioglycolic Acid