

CARCINOGENIC, HIGHLY TOXIC OR ACUTELY HAZARDOUS CHEMICALS LIST

Use of any chemicals on this list requires an application to be submitted to the Chemical Safety Committee for review.

CHEMICAL NAME	CAS NO.
Acrolein	107028
Acrylonitrile	107131
Ammonia (anhydrous)	7664417
Arsenic (and arsenic containing compounds)	7440382
Arsenic pentoxide	1303282
Arsenous oxide	1327533
Arsine	7784421
Benzene	71432
Benzeneearsonic acid	98055
Beryllium	7440417
Boron tribromide	10294334
Boron trifluoride	7637072
Cadmium	7440439
Cadmium bromide	7789426
Cadmium chloride	10108642
Cadmium oxide	1306190
Carbon monoxide	630080
Carcinogens such as formaldehyde (all forms)	
Chlorine	7782505
Chloroform	67663
Chloromethyl ether	542881
Chlorotrimethylsilane	75774
Chromium hexacarbonyl	13007926
Chromium trioxide (& other Cr VI salts)	1333820
Cobalt carbonyl	10210681
Cyanogen bromide	506683
Diazomethane	334883
Diborane (gas)	19287457
Dichloromethane	75092
Diethylnitrosamine	55185
Dimethyl mercury	593748
Dimethyl sulfate	77781
Dimethylaniline	121697
Dioxane	123911
Ethidium bromide	1239458
Ethylene diamine	107153
Ethylene dibromide	106934
Ethylene oxide	75218
Explosives such as trinitrotoluene	
Flammable gases such as hydrogen, acetylene	

Fluorine	7782414
Fluoroacetyl chloride	359068
Formaldehyde	50000
Formamide	75127
Gallium trichloride	13450903
Glutaraldehyde	111308
Hexamethylphosphoramide	680319
Hydrazine hydrate	7803578
Hydrofluoric acid	7664393
Hydrogen bromide (gas)	10035106
Hydrogen chloride (gas)	7647010
Hydrogen cyanide	74908
Hydrogen fluoride (gas)	7664393
Hydrogen selenide (gas)	07783075
Hydrogen sulfide	07783064
Lead and its inorganic compounds	7439921
Lithium aluminum hydride	
Mercuric chloride	7487947
Mercuric oxide	21908532
Mercury	7439976
Methyl iodide	74884
Methyl vinyl ketone	78944
Nickel carbonyl	13463393
Nickel nitrate	13478007
Nitrobenzene	98953
Nitrogen dioxide	10102440
Osmium tetroxide	20816120
Paraformaldehyde	30525894
Perchloric acid	
Phosgene	75445
Phosphine	7803512
Phosphorus	7723140
Phosphorus pentoxide	1314563
Picric acid	88891
Potassium cyanide	151508
Propargyl bromide	106967
Pyrophoric materials such as t-butyl lithium	
Silane	7803625
Sodium azide (Na(N ₃))	26628228
Sodium cyanide (Na(CN))	143339
Sulfur dioxide	07446095
Sulfur trioxide	07446119
Tert butyl hydroperoxide	75912
Tetrafluoroboric acid	16872110
Tetramethyl ethylenediamine	110189
Thallium compounds	7440280

Toluene	108883
Toluene diisocyanate	584849
Toluene diisocyanate (mixture of isomers)	26471625
Toxic gases not otherwise listed	
Trichloroethylene	79016
Trimethyltin chloride	1066451
Xylenes	1330-20-7

TERMS

CAS – Chemical Abstract Number (unique for each chemical)