

High Hazard Chemical List of HCPs

Chemical agents identified as high hazard chemicals by the [UC San Diego Chemical Safety & Surveillance Committee \(CSSC\)](#) require chemical specific HCPs. See the list below:

Chemical	CAS
1,3,5-Trinitrobenzene	99-35-4
1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine	28289-54-5
Arsine	7784-42-1
Bromine	7726-95-6
Cadmium chloride	10108-64-2
Carbon disulfide	75-15-0
Carbon monoxide	630-08-0
Chlorine	7782-50-5
Cyanogen bromide	506-68-3
Diborane	19287-45-7
Fluorine	7782-41-4
Germanium tetrahydride	7782-65-2
Hydrofluoric acid	7664-39-3
Hydrogen cyanide	74-90-8
Hydrogen peroxide (30- 90%)	7722-84-1
Hydrogen selenide	7783-07-5
Inorganic Mercury compounds	
Methyl isocyanate	624-83-9
Nickel carbonyl	13463-39-3
Nitric oxide	10102-43-9

Nitrogen Dioxide	10102-43-9
Nitroglycerine	55-63-0
Nitromethane	75-52-5
Organomercury compounds	
Osmium tetroxide	20816-12-0
p-chloromercuribenzoate	138-85-2
p-hydroxymercuribenzoate	17689-59-7
Phosgene	75-44-5
Phosphine	7803-51-2
Phosphorous Oxychloride	10025-87-3
Potassium arsenate	7784-41-0
Potassium cyanide	151-50-8
Selenium hexafluoride	7783-79-1
Silane	7803-62-5
Sodium cyanide	143-33-9
Stibine	7803-52-3
Tellurium hexafluoride	7783-80-4
Tert-butyllithium	594-19-4
Tetramethyl ammonium hydroxide	75-59-2
Thallosulfate	7446-18-6
Titanium (IV) chloride	7550-45-0
Trifluoroacetic acid	76-05-1

Important: This list is intended for use by UC San Diego (UCSD) researchers only. Standards and requirements may differ at other institutions and businesses.