LIST OF CHEMICALS REQUIRING ENVIRONMENTAL HEALTH & SAFETY OFFICE (EHSO) APPROVAL TO PURCHASE

Because the following chemicals are highly toxic, explosive, water reactive or for other reasons very difficult and expensive to dispose of (disposal costs can be more than $1000 per container) their use needs to be minimized and monitored. Contact Tim O’Callaghan at EHSO (956-3198) for further information.

Arsine
Boron Trichloride
Boron Trifluoride
Bromine Chloride
Butyl Lithium
Carbon Monoxide
Carbonyl Sulfide
Cesium
Calcium Hydride
Chlorine
Chlorine Trifluoride
Chloropicrin
Cyanogen
Cyanogen Chloride
Diborane
3,5-Dinitrophenol
2,4-Dinitrophenylyldrazine
Ethylene Oxide
Fluorine
Hydrogen Bromide
Hydrogen Chloride
Hydrogen Cyanide
Hydrogen Fluoride
Hydrogen Sulfide
Lithium
Lithium Aluminum Hydride
Lithium Hydride
Methyl Bromide
Methyl Lithium
Nitric Acid - concentrated only (≥ 68%)
Nitric Oxide
Nitrogen Dioxide
Nitrogen Trifluoride
Phosgene
Phosphine
Phosphorus
Picfume
Picric Acid
Picryl Sulfonic Acid
Picramide
Potassium
Rubidium
Silane
Silane Dichloride
Sodium
Sulfur Dioxide
Thorium Compounds
Trinitroaniline
Trinitrobenzene
Trinitroresol
Trinitronaphthalene
Trinitrophenol
Trinitrotoluene
Uranium Compounds
Urea Nitrate

In addition to the items listed above any material which is listed under the United States Department of Transportation (DOT) as hazard class 1 (explosive) or listed under DOT as a packing group I material or is listed as a hazard class 2.3 (toxic gas) requires EHSO approval for purchase. Information on DOT Hazard class and packing group is available on the safety data sheet for the material under section 14 Transportation.