

Hazard Class of Common Laboratory Chemical Wastes and Partial List of Non-Hazardous Waste

The Hazard Class must be indicated when filling out hazard waste labels. For chemicals not listed below contact EOHSS for assistance in determining the hazard class. Solid non-hazardous wastes may be disposed of in the trash. Contact Kyle San Giovanni, sangiokd@umdnj.edu, or (973) 972-0608 for assistance determining the hazard class.

Chemical	Hazard Class	Chemical	Hazard Class	Non-Hazardous Chemicals
Acetaldehyde	I, T	Formaldehyde	T	Ammonium Chloride
Acetic acid	I, C, T	Formic Acid	C, T	Ammonium Citrate
Acetone	I, T	Hexane	I, T	Ammonium Sulfate
Acetonitrile	I, T	Hydrazine	I, T	Benzoic Acid
Acrylamide	T	Hydrochloric acid	C, R, T	Boric Acid
Acrylonitrile	I, T, C	Hydrofluoric acid	T	Calcium Acetate
Aluminum Trichloride	C, R	Hydrogen peroxide	O	Cytosine
Ammonia (anhydrous)	C, T	Iodine	T, C	EDTA
Ammonium hydroxide	C	**Mercury	T	Ferrous ammonium sulfate
Cacodylic acid	T	Methanol	I, T	Lactic Acid
**Carbon disulfide	I, T	Methyl ethyl ketone	I, T	Lithium Sulfate
Carbon tetrachloride	T	Nitric acid	C, O, T	Magnesium Borate
Chloroform	T	**Osmium tetroxide	T, C	NADP
Chromium trioxide	O, T, C	*Perchloric acid	O, C, T	Nicotinic acid
Coomassie Blue	T	Phenol	T, C	Oleic acid
Cyanogen bromide	T	Potassium hydroxide	C	Potassium Phosphate
Dichloromethane	T	Pyridine	I, T	Sodium Acetate
Dimethyl sulfoxide	T	**Sodium azide	T, R	Sodium dodecyl sulfate
Dimethylformamide	T	Sodium hydroxide	C	Sodium phosphate
*Dioxane	I, T	Sulfuric acid	C, T	Tripton X
Ethanol	I, T	*Tetrahydrofuran	I, T	Trypsin
Ethidium bromide	T	Toluene	I, T	Urea
Ethyl acetate	I, T	Trifluoroacetic acid	C, T	Xanthine
Ethyl ether	I, T	Tryptan Blue Stain	T	Zinc Phosphate

Hazard Class: Ignitable Corrosive Toxic Oxidizer Reactive

* May form explosive peroxides ** EPA Acute Hazardous Waste - empty containers must be disposed of through EOHSS without rinsing. Otherwise, triple rinse, collect rinsate & dispose of rinsate as hazardous waste.