



General Chemicals – Non Reactive

This is a broad class of chemicals that generally present no hazards beyond perhaps minor contact irritation or mild allergic reaction in sensitive populations. These include common salts like sodium chloride or sugars such as sucrose.



Personal Protective Equipment & Personnel Monitoring



Lab Coat

Traditional white lab coat.



Gloves

Nitrile gloves are sufficient.



Eye Protection

ANSI Z87.1 - Compliant safety glasses

Labeling & Storage

Store in a cool dry away from incompatible substances and preferably away from any hazardous materials to avoid inadvertent contact. Consult the safety data sheet for additional storage compatibility information.

Engineering Controls, Equipment & Materials

Fume Hood

Generally, nothing more than adequate laboratory ventilation is needed. If you are concerned that your lab is not appropriately ventilated, contact the Office of Research Safety (ORS) to determine whether additional respiratory protection is warranted.

Housekeeping

Spills

Spills of these kinds of material can typically be swept up or cleaned with absorbent materials. If there is any concern about the material being hazardous, please contact ESD (706-542-5801) to request a waste characterization. Notify others in the area of the spill, including your supervisor. Any exposure resulting in the need for medical attention must be reported to ORS at 706-542- 5288.

Decontamination

Once any standing material has been wiped away, clean contaminated surfaces with soap and water.

Waste

Many chemicals within this class would not meet the criteria to be classified as a hazardous waste by EPA. However, they may become mixed with other chemicals over the course of general laboratory work that would then make them part of a hazardous waste stream. For assistance with performing a waste characterization or arranging a waste pickup, you may contact the Environmental Safety Division (ESD) at 706-542-5801. Prior to pickup, any container used to hold hazardous waste should be labeled with the following:

- “Hazardous Waste”



- Chemical contents: Enough detail should be provided so that the full contents of the container are readily apparent. Labeling may include any of the following:
 - Percentages (Ex: 70% water, 30% hydrochloric acid)
 - Volumes (Ex: 1L of acetone, 500mL of water)
 - Chemical classes (Ex: halogenated solvents)
 - Method (Ex: EPA 515.1 Herbicide Extraction Solvent Waste)
 - Referenced Log (Ex: See Laboratory Waste Log, Volume 2)
 - Utilizing Chematix waste profiles
 - Any other labeling method providing enough detail to accomplish this requirement
 - One or more of the following waste characteristics recognized by EPA: Ignitable, Corrosive, Reactive, or Toxic.
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First Aid & Emergencies

Skin or Eye Contact	Remove contaminated clothing and accessories, flush affected area with water. If symptoms persist, get medical attention.
Inhalation	Move person into fresh air. If symptoms persist, get medical attention.
Ingestion	Rinse mouth with water. If symptoms persist, get medical attention.

Contacts

Office of Research Safety: 706-542-5288
Environmental Safety Division: 706-542-5801