



PARTICULARLY HAZARDOUS SUBSTANCES EDUCATIONAL RESOURCE

GHS Hazard Symbols	 Acutely Toxic Substances  Carcinogens, Teratogens, Mutagens, Target Organ Toxins
Lab Details	<ul style="list-style-type: none"> PI Name Revision Number Revision Date
Storage Practices	<ul style="list-style-type: none"> Doors into areas, specific cabinets and shelves where particularly hazardous substances are stored should be marked to identify the nature of the hazards.
Lab Specific Storage Location(s)	<ul style="list-style-type: none">
Training	<ul style="list-style-type: none"> EHSO Research Lab Safety (Annual Requirement) Read safety data sheets for particularly hazardous substances prior to use. Safety data sheets are available at EHSO.Emory.edu. Review Emory University's Chemical Hygiene Plan.
Lab Specific Training	<ul style="list-style-type: none">
Designated Area, Work Practices & Engineering Controls	<ul style="list-style-type: none"> Handle in designated areas (e.g. an entire laboratory, an area of a laboratory, or a device such as a chemical fume hood or glove box). Use engineering controls such as chemical fume hoods or glove boxes for procedures involving particularly hazardous substances. Work surfaces should be cleaned with a mild detergent following an experiment. Disposable bench paper can also be used to ensure work surfaces remain free from contamination. Wash hands and exposed portions of the forearm with soap and warm water following glove removal. Use secondary containment to transport within facilities. Secondary containment needs full chemical name.
Lab Specific Designated Area(s), Work Practices & Engineering Controls	<ul style="list-style-type: none">
Personal Protective Equipment (PPE)	<ul style="list-style-type: none"> Lab coat, safety glasses, and gloves are considered minimum PPE for working with particularly hazardous substances. Respiratory protection may be necessary depending on the experimental procedure. Glove selection depends on the physical state of the compound. Guidance for glove selection is available on the EHSO website in the PPE Selection Guidance Document and from the glove vendor's website.



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Lab Specific PPE Requirements	<ul style="list-style-type: none"> Review the Personal Protective Equipment (PPE) Assessment Form (for Research Laboratories)
Waste Management	<ul style="list-style-type: none"> Waste must be stored in EHSO provided containers, properly labeled, segregated by compatibility, and closed when not in use. Liquid waste must be stored in secondary containment. Waste must be disposed through EHSO.
Lab Specific Waste Management	<ul style="list-style-type: none">
Emergency Procedures	<ul style="list-style-type: none"> Skin or eye exposures: Flush with water for at least 15 minutes. Remove contaminated clothing. Seek medical attention following rinsing. Spills: Alert personnel in the area. Contact the EHSO Spill Team for assistance with spill cleanup at (404) 727-2888. Emergencies: Dial 9-1-1 (from a cellphone or campus phone) if the severity of an injury is unknown, if there is a medical emergency, or if there is a fire. Reporting: <ul style="list-style-type: none"> Faculty, staff and graduate students submit notification of the incident to the Occupational Injury Management (OIM) through the portal called HOME (Health and Occupational Management at Emory). To access HOME, log in to Self-Service (hrprod.emory.edu) with your Emory Network ID and password. Then, click on Workplace Health. Undergraduate students report to Emory Student Health Services. Report any accident, injury, or illness to supervisor.
Lab and/or Department Specific Emergency Procedures	<ul style="list-style-type: none">

Principal Investigator Name:	Signature:	Date:

Personnel Statement of Understanding:

I have read the contents of the document and I agree to complete/follow any and all safety related requirements while working with particularly hazardous substances. (Attach signature sheet for additional personnel)

Personnel Name:	Signature:	Date: