SUPERVISOR INSTRUCTIONS:

- **Use toolbox trainings to encourage safety / environmental discussions during monthly meetings with employees**
- **Submit the employee sign-in sheet to your designated administrative assistant / training coordinator as a record of training**

Various types of chemicals are used all over Emory’s campus. Just like other emergencies, spills happen. To be safe in your work environment, you should know what to do in case of an emergency. Only personnel who are familiar with the hazards of the material should attempt to clean up a spill.

**CEPAR's Just In Time: A Guide to Campus Emergencies**

- Familiarize yourself with the contents of the Just In Time Guide
- Post the Just in Time Guide in your work area
- The following is excerpted from the Just in Time Guide as it relates to chemical spills

**Spills Defined**

- A **minor spill** is defined as an event that can be handled safely without the assistance of the Environmental Health and Safety Office (EHSO) or emergency response personnel.
- A **major spill** is defined as an event that cannot be handled safely without the assistance of the Environmental Health and Safety Office (EHSO) or emergency response personnel, including all events where a person is injured or contaminated.

**Reporting**

- If someone is injured, call 911 from any campus phone or 404.727.6111.
- Call EHSO at 404.727.5922 during normal business hours (8:00 a.m.- 5:00 p.m.)
- All other times call Emory Police at 911 from any campus phone or 404.727.6111.
- When contacting the Emory Police Dispatcher and Environmental Health and Safety Office (EHSO), be prepared to answer the following questions:
  - What was released?
  - How much was released?
  - Time when release occurred and is it continuing?
  - Location of release?
  - Are there injuries?
  - Is there damage to facilities?
Hazardous Material Medical Care

For Chemical, Biological, Radiation Spills
- Remove contaminated clothing.
- Flood the contaminated skin with running water from a faucet or safety shower for fifteen minutes; for biological spills please use both soap and water.
- Obtain medical attention.
- Provide Material Safety Data Sheets (MSDS) to health care providers if possible.
- Report incident as soon as reasonably possible to your supervisor and Employee Health Services.
- Seek medical care if contaminated.

Minor Cuts and Puncture Wounds
- Vigorously wash the injury with soap and water for fifteen minutes.
- Obtain medical attention.
- Report incident as soon as reasonably possible to your professor or supervisor and Employee Health Services.

Hazardous Material Splashed in Eye
- Immediately rinse eye and inner surface of eyelid with water continuously for fifteen minutes.
- Forcibly hold eye open to ensure effective wash behind eyelids.
- Obtain medical attention.
- Report incident as soon as reasonably possible to your professor or supervisor and Employee Health Services.

Major Spills
- Attend to injured or contaminated persons.
- Alert personnel in the area of the spill to evacuate the immediate area.
- Call Emory Police at 911 from any campus phone or 404.727.6111.
- Call EHSO at 404.727.5922 during normal business hours.
- Have a person knowledgeable of the incident and the material spilled available to assist emergency personnel.
- Refer to Material Safety Data Sheets (MSDS) and appropriate cleanup guides for chemical spills.
- If spilled material is flammable, turn off heat and ignition sources.
- Close doors to contain vapors and prevent personnel entry.
- If spill is radioactive, have potentially contaminated persons stay in one area until monitored.
Minors Spills

- Alert others in the immediate area.
- Leave the immediate area without contaminating other individuals and environments.
- If clothing is contaminated, remove, folding contamination inward, and treat as waste.
- Refer to Material Safety Data Sheets (MSDS) and appropriate cleanup guides for chemical spills.
- Wear Personal Protection Equipment (PPE) appropriate for the material spilled (e.g., safety goggles, gloves, lab coat, etc.).
- Confine the spill to a limited area. Barricade and isolate the area to prevent spread of contamination.
- Pick up broken glass with tongs, forceps, or dustpan. Place in a puncture-resistant container.
- Be aware of inhalation hazards. Use appropriate neutralizer, disinfectant, and absorbents to mitigate the spill.
- Place spill cleanup materials in a container. Call EHSO for disposal at 404.727.5922.
- Wash arms, hands, and face with soap and water.

For assistance and advice call Environmental Health and Safety Office (EHSO) at 404.727.5922.

Questions for Discussion

1) Where can I find more information about what to do in an emergency?
   - Go to CEPAR’s website at http://emergency.emory.edu or review the Just in Time Guide.

2) True or False? Anyone can clean up a chemical spill.
   - False. Only personnel who are familiar with the hazards of the material should attempt to clean up a spill.

3) What is the difference between a Minor Spill and a Major Spill?
   - A minor spill is defined as an event that can be handled safely without the assistance of the Environmental Health and Safety Office (EHSO) or emergency response personnel.
   - A major spill is defined as an event that cannot be handled safely without the assistance of the Environmental Health and Safety Office (EHSO) or emergency response personnel, including all events where a person is injured or contaminated.

4) How do I dispose of spill cleanup debris?
   - E-mail request to chemwaste@emory.edu and include the location, type and approximate quantity of waste, and if any replacement containers are needed. Make sure the Chemical Disposal Inventory form is filled out and placed with your waste.

5) How long should one flush skin or eyes if exposed to a hazardous material?
   - Fifteen minutes