














# Chemical Spill Response

**DO NOT attempt to clean a spill beyond your level of comfort or expertise regardless of volume. If in doubt, call UAB EH&S On Call at 205-917-4766**

## Small Spill (<500 ml)

-  Alert ALL personnel in the area and restrict access.
-  Secure the area. Do not attempt to clean unless you are properly trained, equipped and understand the characteristics of the spilled material.
-  Locate the spill kit.
- Don the appropriate PPE (consult SDS if necessary).
  -  ❖ Lab coat
  -  ❖ Chemical resistant gloves
  -  ❖ Safety goggles or face shield
- Spread absorbent material from the outside to the center of the spill until covered.
- Collect the absorbent material in a bag. Clean area with compatible disinfectant and disposable spill pads/towels. Add spill pads to bag and seal. Place bag in a box and label with a hazardous waste label.
- Dispose of as hazardous waste.
-  Report spill to EH&S via their non-emergency number: 205-934-2487

## Large Chemical Spill (>500 ml)

-  Alert ALL personnel in the area.
-  Secure the area.
-  Evacuate the area, if necessary.
- Call UAB EH&S at 205-917-4766.
-  Involving a fire, injury, or alarm, call 911 from a campus phone or 205-934-3535 from a cell phone.
-  Provide as much information as possible (location, chemical name, volume, your name, and phone number).
-  For a chemical exposure, locate the nearest emergency eyewash/safety shower, remove contaminated clothing and flush for 15 minutes.

## Recommended Spill Kit

Commercial spill kits are available for purchase but a basic spill kit for most spills up to 500 ml can be put together easily using items listed below.

- Five (5) gallon bucket(s) with lid(s) – to store the kit.
- 2 pairs of chemical splash goggles
- 2 pairs of gloves (nitrile)
- 2 pairs of shoe covers
- 2 disposable lab coats
- Absorbent material to contain the spill (paper towel, spill booms or pillows, vermiculite)
- Small hand broom and dustpan
- Zipper seal type bags (1 gallon size)
- Hazardous waste sticker

## How To Pack a Chemical Spill Kit

Spill kits should be packaged in the order of when materials will be needed:

- PPE should be stored on the top so that it is easily accessible and serves a reminder to don the PPE prior to the cleanup.
- Absorbent materials, small broom and dustpan, cleaning materials
- Plastic bags to contain the spill debris should be next.
- Hazardous Waste labels

