

Chemical Spills and Kits

Basic Chemical Spill Kit

A basic chemical spill kit should include, but is not limited to:

- Latex surgical gloves
- Safety glasses or goggles
- Disposable lab coats
- Aprons or gowns
- Paper towels
- Spill booms or pillows
- Vermiculite
- Small disposable plastic broom and dust pan
- Zipper seal type bags (1 gallon size)
- Plastic garbage bags
- Small bottle of detergent cleaning solution
- Shoe covers (booties)
- A copy of the Chemical Spill Clean Up Plan

All of these items can be stored in a five (5) gallon bucket with a lid. The bucket can also serve as a container for the waste that is generated by the clean up.

The bucket should be labeled:

Chemical Spill Kit

NOTE: This information is for a basic kit only and may work for your area.

However, a careful risk analysis of the chemicals found in your particular laboratory may require additional items not found on this list.

Handling Large Spills (500 ml or more)

- Don appropriate PPE. Look on the label or the Material Data Safety Sheet for this information.
- Contain the spill.
- If possible, warn others in the immediate area.
- Restrict access to the area.
- Evacuate the area.
- Contact Chemical Safety immediately. State:
 - Your name
 - Your extension
 - Location of the spill
 - Quantity and name of the chemical spilled.We will contact the Emergency Spill Response Team. They are specially trained to handle hazardous chemical spills.
- Decontaminate personnel who may have been splashed with the chemical in deluge showers and flush eyes with eyewashes.
- Get prompt medical attention for anyone injured.

NOTE: Contact with CORROSIVE chemicals requires **immediate** attention.

An Accident/Injury Form should be completed, and a copy forwarded to OH&S.

FORM: <http://www.hrm.uab.edu/main/relations/oji/index.html>



Always wear the appropriate PPE when cleaning up spills!

Handling Small Spills (less than 500 ml)

- Don appropriate PPE. Look on the label or the Material Data Safety Sheet for this information.
- Locate your Chemical Spill Kit.
- Use the materials provided in the spill kit to absorb liquid spills – paper towels, spill pillows, or vermiculite. Dispose of the absorbent materials as chemical waste.
- Sweep powder form chemicals carefully into a dust pan. Avoid vigorous sweeping or other actions which might generate respirable dust. Contaminated materials should be disposed of as chemical waste.

For more information or assistance, call OH&S at 934-2487.
For after hours emergencies, call 934-3411.