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

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.

Always wear the appropriate PPE when cleaning up spills!

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