

Chemical Spill Kit

Each laboratory using liquid chemicals should have appropriate equipment and supplies on hand for managing spills and accidents. A chemical spill kit should be kept readily available. You may assemble your own spill kit. The supplies should include, but are not limited to:

- A five-gallon bucket to hold the spill cleanup materials
- Personal Protective Equipment (heavy-duty gloves made of nitrile or neoprene, lab coat(s), safety goggles)
- Absorbent material, such as absorbent pads, socks, pillows or granular (oil dry, kitty litter, or sand)
- Forceps, tongs, or other tools to pick-up contaminated debris or broken glass
- Dust pan and broom for sweeping up granular absorbent

You may also purchase spill kits;

- Iowa State University Central Stores (<http://www.centralstores.iastate.edu/>) - Stock # 4694.1756
- Safety equipment suppliers

Neutralizing agents including sodium bicarbonate, sodium carbonate, sodium bisulfate or citric acid can be used for acid or base spills. These items might already be a part of the laboratories' chemical inventory or can be purchased separately for a spill kit.

