

## Spill Kits

Most laboratory workers should be able to clean up small chemical spills. Workers must be knowledgeable about the chemical and physical properties of hazardous materials before attempting to clean up a chemical spill. Spill kits should be acquired before working with highly toxic chemicals or large volumes of flammable or corrosive chemicals. The spill kit should contain PPE, absorbent materials, a scoop or brush, and a waste disposal container. In the event a chemical is released into the environment, contain the chemical spill as much as possible, alert co-workers, and [contact EH&S for assistance](#). If a chemical spill is too large to safely clean up, isolate the area, alert coworkers, and contact EH&S for assistance.

Below are listed the contents for typical laboratory spill kits. Hazardous materials and contaminated items must be contained for waste disposal. Contact EH&S for waste pickup.

### **Typical chemical spill kit contents may include:**

- 5 gal pail Oil-Dri
- 2.5 gal pail citric acid
- 2.5 gal pail sodium bicarbonate
- 1 mercury spill kit
- 1 roll pH paper
- 1 pack universal hazard absorbent pads
- 2 pair safety glasses
- 2 pair chemical resistant arm sleeves
- 2 pair chemical resistant shoe covers
- 2 chemical resistant aprons
- 1 box heavy gauge, long cuff nitrile gloves
- 1 roll paper towels
- 5 heavy duty large trash bags
- 5 Ziploc bags (quart size or larger)
- 1 bundle heavy duty work rags
- 1 roll duct tape
- 1 small hand broom
- 1 dust broom
- 1 dust pan

### **Typical mercury spill kit contents include:**

- 3 canisters Hg Absorb (95% zinc, 5% citric acid)
- 2 Hg absorb sponges
- 2 Flashlights

- 1 Brush
- 5 spatulas
- 5 pair large nitrile gloves
- 1 roll duct tape
- 2 hand-operated mercury vacuum pump
- 6 quart size Zip-Loc bags
- 2 large trash bags

**Typical biological spill kit contents include:**

- 3 pair nitrile gloves
- 1 550 mL spray bottle
- 1 bleach tablets (or 55 mL of household bleach)
- 3 absorbent pad
- 12 paper towels
- 1 tongs
- 6 alcohol based hand wipe sanitizer
- 2 medium biohazardous waste bags

**Typical radiological spill kit contents include:**

- 6 pair nitrile gloves
- 1 pint Radiacwash decontamination soap
- 1 spray can Rad-Con foaming decontamination spray
- 1 pint 95% ethanol
- 1 roll 2" wide masking tape
- 2 dozen paper towels
- 3 Tyvek suits
- 6 pair Tyvek booties
- 4 large trash bags
- 6 small trash bags
- 1 roll caution RAM tape
- 4 small scrub pads