

# Chemical Spill Kit Stored Here

## Small Spill Clean-up Instructions

Report all spills to the lab/facility supervisor.

If you find spills of highly toxic materials or large volume spills evacuate the area and, from a safe location, call 911 immediately.

### **Spill Kit Contents:**

SlikWik, spill pillows, or other organic material absorption compounds

Sodium bicarbonate (baking soda) – for acid (except HF) or base spills

Calcium carbonate or HF specific spill pillow– for HF spills

Hazardous waste labels

Heavy nitrile gloves

Zip lock bags or plastic bags and tape to close

Dust pan and brush

**Wear gloves, ANSI approved eye protection, and a lab coat or apron when cleaning up a spill.**

### **Spills of Oils, Organic liquids, and/or Solvents:**

- Cover spilled material with enough SlikWik or use Spill pillows to contain all liquid
- Start from the outer edge of the spill and work towards center
- Use a brush and dust pan to sweep up saturated SlikWik: avoid creating dust.
- Or, while wearing gloves, pick up saturated Spill Pillows
- Place material in zip lock bag and seal the bag
- If the material is hazardous, affix a hazardous waste label to the bag and hold for a hazardous waste pickup
- Small amounts of oils mixed with an absorbent may be bagged and placed in the dumpster if there are no hazardous materials present

### **Spills of Acids (except HF) or Bases**

- Apply enough sodium bicarbonate to cover the spill
- Start from the outer edges of the spill and move toward the center
- Wait until the bubbling action has stopped
- Check the pH of the mixture, slowly add sodium bicarbonate until the pH is between 5.5 and 9.0
- Materials with a pH of 5.5-9.0 may be drain disposed with plenty of water

### **Spills of HF**

- **Avoid all skin, eyes, or respiratory contact with the vapor or liquid**
- Cover spill completely with calcium carbonate (or an HF-compatible spill pillow) working from the outer edge toward the center of the spill
- Cover spill and calcium carbonate mixture with absorbent material
- Place saturated material in zip lock bag and seal the bag
- Affix a hazardous waste label to the bag and hold for a hazardous waste pickup