

# SPILLS

- ❖ Determine the potential hazards you are dealing with.
- ❖ Take care of injuries requiring immediate treatment.
- ❖ Evacuate the area, if necessary.
- ❖ Notify Campus Safety or call 911. (Fill out incident report.)
- ❖ Keep any spilled chemicals from flowing into drainage systems (e.g. the shower drain, sinks, troughs).
- ❖ If the spilled materials are flammable or combustible, be sure to remove sources of heat or ignition from the area. (Use the Emergency Utility Shut Off, if necessary).
- ❖ Make sure to wear your gloves, apron/labcoat, and goggles.
- ❖ Don't use tools that create sparks, heat, or flames.
- ❖ Soak up liquid spills with the Safety Sorbent.
- ❖ Inform the Laboratory Manager and Associate Dean about the spill.

# SPILLS CONTINUED

## **Chemical Spill – Use the Spill Kit in the labeled cabinet in the lab or prep room.**

- ❖ Put drain cover over shower drain, if necessary.
- ❖ Sprinkle Safety Sorbent (use on acids, caustics, oils, solvents, and toxic liquids) on and around spill.
- ❖ Rub in with polypropylene brush.
- ❖ Immediately sweep up the saturated product using the polypropylene scraper and scoop.
- ❖ Place in yellow Hazardous Waste bag, close bag with tie, and label the tag with the contents.
- ❖ Place the yellow bag into the red labeled Hazardous Waste container, snap the lid securely in place and put in the prep room.
- ❖ Notify Campus Safety, Associate Dean, and Laboratory Manager.
- ❖ Clean the polypropylene tools and replace in cabinet. Clean the drain cover with soap and water and let air dry.

# SPIILLS CONTINUED

**Biological Spill – use the kit in the labeled Spill Kit cabinet located in the lab or prep room.**

- ❖ PPE (Personal Protective Equipment) kits used for bloodborne pathogens should be used to clean up any body fluid. Mouth pieces for use with CPR are also contained in the kit. Package all items that have been exposed in the provided red biohazard bag. The bag will then be taken to the Microbiology Lab (Room 172) for proper disposal.



# **EMERGENCY SPILL RESPONSE EQUIPMENT**

Drain Cover for Spill Containment

Safety Sorbent

MercSorb

Polypropylene Brush

Polypropylene Scoop

Polypropylene Scraper

Yellow Hazardous Waste Bag

Hazard Bag Tie and Tag

Red Hazardous Waste Container

PPE Kit

(Bloodborne Pathogen Kit)

# SPILL CLEAN UP PROCEDURES

## **Chemical Spill**

- Put drain cover over shower drain, if necessary.
- Sprinkle Safety Sorbent (use on acids, caustics, oils, solvents, and toxic liquids) on and around spill.
- Rub in with polypropylene brush.
- Immediately sweep up the saturated product using the polypropylene scraper and scoop.
- Place in yellow Hazardous Waste bag, close bag with tie, and label the tag with the contents.
- Place the yellow bag into the red labeled Hazardous Waste container, snap the lid securely in place and put in the prep room.
- Notify Campus Safety, Associate Dean, and Laboratory Manager.
- Clean the polypropylene tools and replace in cabinet. Clean the drain cover with soap and water and let air dry.

## **Mercury Spill**

- Put drain cover over shower drain, if necessary.
- Sprinkle MercSorb powder over spilled mercury.
- Wet powder with water – to form amalgam.
- Wipe wetted powder over all cracks and hard to reach locations.
- Clean up with the polypropylene scraper and scoop.
- Place in yellow Hazardous Waste bag, close bag with tie, and label the tag with the contents.
- Place the yellow bag into the red labeled Hazardous Waste container, snap the lid securely in place and put in the prep room.
- Notify Campus Safety, Associate Dean, and Laboratory Manager.
- Clean the polypropylene tools and replace in cabinet. Clean the drain cover with soap and water and let air dry.