



SPILL RESPONSE

For biological, chemical, or radiological spills

Call UMBC Police (410) 455-5555 OR 911 FOR ANY LIFE THREATENING EMERGENCY

IF EXPOSED, FOLLOW THE EXPOSURE RESPONSE POSTER

ALL SPILLS

FOLLOW ALL LABORATORY/FACILITY SPECIFIC SPILL SOPs

Step 1: Minimize your exposure by utilizing PPE, engineering controls, and avoiding contact, inhalation or ingestion. Vacate the area if necessary.

Step 2: Stop the spill. Cover with absorbent material.

Step 3: Isolate the spill and secure the area. Close doors if possible.

Step 4: Warn others. Alert people in the immediate area of the spill.

Step 5: Wash hands after handling spill materials.

RADIOLOGICAL SPILLS

- Utilize time, distance, and shielding to prevent exposure.
- Cover with absorbent material.
- Wear gloves and use tongs/scoop to collect contaminated material as radioactive waste.
- Call UMB Radiation Safety at **(410) 706-7055** and UMBC ESH **(410) 455-2918**. If both offices are closed, **call 911**.
- Notify your supervisor.

CHEMICAL SPILLS

- **Major spills:** Evacuate area and adjacent areas. Notify UMBC Police **(410) 455-5555**. ESH can assist with hazardous spill cleanup.
- **Minor spills:** Trained personnel familiar with the chemical should use the lab's spill kit and abide by any laboratory/facility specific spill SOP.
- Staff must protect themselves from skin, eye, and respiratory hazards by using personal protective equipment (PPE) during cleanup.
- Collect all spill debris for pick up by ESH

BIOHAZARDOUS SPILLS

- Allow aerosols to settle prior to initiating cleanup.
- Cover the spill with paper towels or absorbent material.
- Pour freshly prepared 10% bleach or appropriate disinfectant around the outside of the spill and slowly work toward the center of the spill.
- After 30 minutes of contact time, collect and dispose materials as biohazard waste.

If spill contains recombinant nucleic acids, notify ESH as soon as possible at **(410) 455-2918**.

Immediately report all spills to your supervisor, facility manager, and ESH