

CHEMICAL SPILL RESPONSE PROCEDURE

Minor Spill Moderately Toxic, Non-Reactive Chemical ≤500 ml (1 pt)

In the event of a spill involving the release of a type or quantity (typically less than 1 liter) of a chemical which does not pose an immediate risk to health and does not involve chemical contamination to the body:

1. Notify lab personnel and neighbors of the incident.
2. Isolate the area. Close lab doors and evacuate the immediate area if necessary.
3. Remove ignition sources and unplug nearby electrical equipment.
4. Establish exhaust ventilation. Vent vapors to outside of building only (i.e. turn on fume hoods).
5. Locate spill kit.
6. Choose appropriate personal protective equipment (goggles, face shield, impervious gloves, lab coat, apron, etc.)



7. Confine and contain spill. Encircle spill at perimeter with appropriate absorbent material, then continue inward. Cover spillage evenly and completely. Take care to avoid splashing.
8. Allow a few minutes for spillage to absorb into absorbent material.
9. Using plastic scoop or tongs collect solid material into a large plastic bag. With damp paper towels or pads decontaminate affected area. Discard towels and/or pads and other contaminated items (gloves, apron, etc) into plastic bag. Seal bag closed.
10. Mark or label bag with the words “Hazardous Waste – Spill Clean Up Debris from “insert appropriate chemical name” spill – and inherent hazard of waste i.e. Toxic, Corrosive, etc”.
11. Follow DEHS procedures to submit waste for chemical waste pick up by DEHS .

Major Spill Highly Toxic, Reactive Chemical; >500 ml Moderately Toxic, Non-Reactive Chemical

If spill is...

- Moderately toxic > 500 ml (1 pt)
- Any quantity highly toxic ($LD_{50} < 50$ mg/l) or reactive (air- or water-)
- Any quantity spilled material begins to emit acid, corrosive, or toxic fumes
- Any quantity that poses imminent fire hazard
- You need additional assistance

CALL ULPD at 852-6111.

PLEASE NOTE: Regardless of size, all chemical spills, even spills cleaned up internally, must be promptly reported to DEHS at 852-6670.