

General Guidelines for Biohazard Waste Spill: Campus

All approved bio hazardous waste containers must be properly packaged to minimize potential for leaks or spills. This information is provided to assist in the cleanup of minor Level 1 and Level 2 Biohazardous waste material. These are guidelines only; please follow your site- specific Standard Operating Procedure (SOP).

Typical materials in a Biohazardous spills kit:

Rubber mat or absorbent socks to place over any floor or sink drain

Paper towels

Forceps, scraper and flat surface

Yellow Biohazardous approved and labeled waste bags

Approved disinfectant cleaner and appropriate MSDS (e.g. a ratio of 10% bleach to water)

Mop and bucket / wet floor sign (obtain from Custodian if required)

Personal protective equipment (PPE):

1 coverall/lab coat

N 95 dust mask (must be fit tested first)

Hand protection (appropriate gloves)

Eye protection (goggles / face shield)

Standard Operating Procedure (SOP): For Minor Spills

- 1. Put on Personal Protective Equipment**
- 2. Protect any drain from contamination by dyking with absorbent sock and/or by placing rubber mat over drain**
- 3. Prepare Biohazardous waste box. Double line the box with the yellow approved bio hazardous liners**
- 4. Read material safety data sheets (MSDS) of disinfectant**
- 5. Cover spill with a single layer of paper towel**
- 6. Pour disinfectant solution until spill and paper towels are well soaked**
- 7. Leave spill for 30 minutes which should be sufficient time for disinfecting**
- 8. Remove spill by using forceps or scraper, discarding into biohazardous waste bag**
- 9. Clean area with a disinfectant (e.g. 10% bleach to water mixture)**
- 10. Damp mop area or damp wipe with paper towels, placing material into the biohazardous waste bag. Rinse surface with fresh water**

11. Remove PPE, and drain protector and dispose of in Biohazardous waste bag
12. Tie or tape bag closed and prepare box by following “how to prepare biowaste box”
13. Biowaste boxes shall be labeled and transferred to the appropriate biowaste storage area.
On Campus contact Monica Curtis at ext. 20335 or Materials Handling and Trucking at ext. 27721.
14. Notify Supervisor and Biosafety Office (ext. 24956)
15. Complete incident report and forward to EOHSS or where applicable, FHSc Safety Office
16. Replenish spill kit

McMaster University Resources:

Risk Management Manuals (RMM): www.workingatmcmaster.ca/eohss

309 Lab Safety Handbook

310: Eye Protection Program

312: Foot Protection Program

320: Personal Protective Equipment Program

501: Hazardous Materials Management System (WHMIS)

502: Hazardous Waste Management Program

600: Biosafety Program

ON CAMPUS EMERGENCY ext. 88

EOHSS ext. 24352

FHSC Safety Office ext. 23453