**LABORATORY SPILL RESPONSE PROCEDURES**

**FOR EMERGENCY - DIAL 2000**

### CHEMICAL SPILL

1. Assess the spill.

   - Evacuate lab, restrict area and notify others in the area of the spill.
   - If there is immediate risk to the safety of other people in the building, activate the emergency alarm and evacuate.
   - Dial 2000 and provide campus dispatch with all relevant information.
   - If safe to do so:
     - Attend to injured/contaminated personnel
     - Turn off ignition sources if flammable material involved
     - Restrict/contain spill

*Note that certain materials such as pyrophorics, mercury, and hydrofluoric acid require specific neutralizers and/or modified spill response procedures. Specific response procedures should be developed based on the identity and quantity of material being handled.*

### BIOLOGICAL SPILL

For Level 1 or 2 biohazards:

- Attend to injured/contaminated personnel.
- Restrict area and notify others of the spill.
- Don appropriate PPE.
- Contain the spill.
- Decontaminate the area with appropriate disinfectant allowing for sufficient contact time.
- Soak up spilt material using appropriate absorbents as applicable.
- Transfer to appropriate container and treat as hazardous waste.

**THE DISINFECTANT FOR THIS LAB IS:**


### RADIOLOGICAL SPILL

See RSOPROC-010 for detailed procedure.

1. Assess the spill.

   - Evacuate lab, restrict area and notify others in the area of the spill.
   - Contact the RSO at x54888 (out of hours dial 2000).

   - Is the volume more than 2L? Is the activity more than 10 x ALI?

   - Attend to injured/contaminated personnel.
   - Restrict the area and notify others of the spill
   - Don appropriate PPE
   - Contain spill.
   - Use survey meter to establish “hot zones”
   - Absorb from the outside in as applicable, transferring used absorbents into disposal containers and treat as radioactive waste.
   - Decontaminate area with cleaning agent such as DeCon until radiation counts return to background levels.

Note that this poster reinforces but does not replace the requirement to post CNSC Info-0743: “Spill Procedures”