

General Guidelines for Chemical Spill Clean-up

KNOW THE EMERGENCY PROTOCOLS FOR EACH CHEMICAL BEFORE USE!

- Check appropriate Standard Operating Procedure (SOP) &/or Material Safety Data Sheet (MSDS) for correct handling, storage, accidental release and first aid measures.
- Ensure appropriate materials are available for spill clean-up; e.g. spill kits.

For Spill Clean-up

- Alert other personnel in the laboratory
- Assess the spill. Is it toxic, flammable; is it a direct contact hazard? Can **YOU** clean it up with proper materials
- Are you trained? Do you have the appropriate PPE?
- If volatile material, turn off and/or remove all sources of ignition if safe to do so
- Evacuate personnel if extremely hazardous or if there is risk of immediate danger or fire
- Contact first aiders, or provide first aid measures if you are trained to do so. Dial 88 if emergency services are needed.
- **FOLLOW GUIDELINES IN MSDS**
- Ensure all personal protective equipment is available and worn for spill clean-up.
- If you are **UNABLE** to contain or clean-up the spill; Contact EOHSS at 24967 or dial 88
- If you are **ABLE**; prevent the spread of material dust or vapour and/or contain the spill with appropriate material (see MSDS or SOP).

Example

- some chemicals require special absorbents such as lime or spill pillows
- some chemicals need to be wetted down before clean up
- some chemicals require special spill kits
- If you are able to clean up the spill, place pads or absorbent material around spill, working from the outside edges towards the centre of the spill
- Place all clean-up material into a double poly bag and label the bag with a chemical waste label.
- If needed the double bagged material can be placed into a plastic 20L pail, labeled with a chemical waste label.
- Dispose of material following the Hazardous Waste Disposal Procedures
- Decontaminate equipment and area affected by the spill (see MSDS &/or SOP)
- Ventilate area if required (check with EOHSS on proper ventilation procedures) **DO NOT PROP OPEN LAB DOOR!**
- Dispose of contaminated gloves and other PPEs appropriately
- Wash hands thoroughly after clean up

EMERGENCY CONTACTS:

EOHSS: ext. 24967

Security: ext. 88