

## Major Chemical Spill

1. Evacuate the laboratory area and close the door.
2. Call **96222** or **1222**. In case of injury call emergency line **144**.
3. State your name, location, chemical(s) involved, and the amount spilled.
4. Attend to any persons who may have been contaminated. Consult the Material Safety Data Sheet for first aid information.
5. Wait in a safe area for the response team. Your knowledge of the area will assist the team.
6. Do not allow unauthorized personnel to enter the contaminated area.
7. Report the incident to your supervisor and the lab manager.

## Minor Chemical Spill

1. **STOP & THINK!** Do not rush. Carefully plan clean-up. Get material safety data sheets (MSDS) and determine appropriate clean-up procedure for the material. The effects of a spill can be minimized with proper planning. The size, as well as the resultant hazard from a spill, partially determine the extent of the required precautions. Planning for emergencies such as spills must be an integral part of preparation for all experimental work.
2. Decide if you can safely handle the spill; if unsure, call 96222, 1222 or 079/258.32.16 for assistance.
3. If malodorous/hazardous vapours are generated from the chemical spill which can be spread outside the local area, call: 96222 or 1222.
4. Eliminate all ignition sources if flammable material is involved.
5. Turn on fumehoods to capture or direct flow of vapours.
6. Confine the spill to a small area. Do not allow the material to spread. Dike, block or contain the size of spread of liquid spill by using appropriate absorbing material (absorbent in the bottle next to the door). Appropriate protective equipment and clean-up materials (e.g. neutralizers, absorbent, etc.) must be used. Follow instructions carefully for clean-up materials and required protective equipment to safely and effectively decontaminate a minor chemical spill. It is recommended to call 1222 or 96222 if any uncertainty about the clean-up occurs.
7. Carefully remove other materials, containers, equipment from path of the spill.
8. Sweep solids of low toxicity into a dust pan and place into container for disposal.
9. Dispose of all clean-up materials as hazardous waste. Call 96222 or 1222 for disposal.
10. After removal of spilled material, if the chemical is soluble in water, the area should be washed with warm, soapy water to remove any remaining residue.
11. Report the incident to your supervisor and the lab manager.

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