

Spill Response and Clean-up Procedures

In the event of a chemical spill, the individual(s) who caused the spill is responsible for prompt and proper clean-up. It is also their responsibility to have spill control and personal protective equipment appropriate for the chemicals being handled readily available. See [TAU Chemical Safety](#) for more information.

Guidelines to handle a small spill

The following are general guidelines to be followed for a small chemical Spill. ([Source](#))



To handle a small spill, please follow the instructions below:

1. Notify other people in the area that a spill has occurred. Prevent others from coming in contact with the spill.
2. Evacuate all non-essential persons from the spill area.
3. Know the name of the chemical or substance involved. Have the Safety Data Sheet (SDS) available. Read and prepare yourselves according to **section 6 of the SDS- "Accidental release measures"**.
4. Work with another person to clean-up the spill. Do not clean-up a spill alone.
5. Protect yourselves with PPE according to **section 8.2 of the SDS**, including a laboratory coat, splash goggles, and appropriate chemically resistant gloves from the emergency spill cabinet.
6. Prevent spill spread with sorbent pads (snake sleeves).
7. Add vermiculite from outside to inside the spill.
8. Collect broken glass with tongs.
9. Clean the spill/vermiculite with dustpan brush into a clear plastic bag to be used as a waste bag.
10. Collect the residue and place it in waste bag
11. Double bag the waste and label the bag with the contents
12. Clean the area.
13. Please watch the [Video](#) that clearly explains the procedure.

Chemical spill simulation was performed at the Faculty of Medicine by Dr. Debora Rapaport (Safety officer, Faculty of Medicine, Tel Aviv University) for all Faculty members, students and workers.

Full procedure is documented on Safety Sackler Faculty of Medicine [website https://en-med.tau.ac.il/chemical_spill_2020](https://en-med.tau.ac.il/chemical_spill_2020)



**Fig 1- Protect with PPE before taking care of the spill.
Pick up vermiculite from the Emergency Spill Safety cabinet**



Fig 2- Spread vermiculite to the spill in a circle manner in order to absorb the spill

Fig 3- Collect broken glass with tongs

A Thankful Embouchement- All the pictures and the [video](#) are courtesy of Dr. Debora Rapaport

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<https://safety.tau.ac.il/chemical-safety-lobby>

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