

Principal Investigator: (Please type the name of the PI and the email).

Lab Advisor/Technician: (Please type the name of the lab technician and the email).

Department: (Please type the name of the department).

Contact information:

Phone: +962 6 5355000

Ext: (Please type the extension number of the department).

Email: (Please type the email of the department).

In case of emergency please call civil defense (911), the safety and environment office (21315), and university security (54).

في حالات الطوارئ يرجى ابلاغ الدفاع المدني على الرقم 911 ومكتب السلامة العامة والبيئة (21315) والامن الجامعي (54).

On lab doors



Don't wear lab coats or gloves outside the lab



Wearing PPE (like gloves and lab coats) is not allowed in public areas like offices, elevators, hallways, and restrooms.

On lab doors

**Lab Authorized
Trained
Personnel
Only**

Above the sink in each lab

Wash Your Hands Before Leaving the Lab



On a wall where lab personnel can see it clearly

Label Containers Properly

Labels should include the following:

- Full name of the chemical.
- Concentration.
- Chemical hazard.
- Chemical formula (optional).



On a wall where lab personnel can see it clearly

General Lab Safety

- No food or drink in the lab.
- No smoking.
- Handle broken glassware carefully.
- Hands should be washed with soap and water frequently throughout the day.
- Hands should be washed after handling any hazardous materials, after the removal of gloves, and before leaving the laboratory.
- Emergency exit should be clear.
- Avoid mouth pipetting and use mechanical pipettes instead.
- Place different lab wastes in their containers. Do not place them in the regular trash.
- Pay attention to sharps in the lab. Do not place them in the regular trash.
- Autoclave biological hazards before getting rid of them in the regular trash.
- All containers should be labeled properly (even water should be labeled).

Proper Use of Fume Hood

Do

- Make sure the fume hood is functioning properly.
- Notify the lab technician if the fume hood is not functioning properly.
- Keep the sash closed while not working.
- Keep chemicals at least 6 inches (~5cm) inside the fume hood.
- Notify the lab technician if the fume hood is not functioning properly.
- Keep sash at 18 inches or less while working in the hood to protect from chemical splashes/fire/explosion.
- Close the sash immediately after you finish your experiment. It will save energy and increase safety.
- Remove spark sources or electrical units from the hood while working with flammable liquids or gases.
- Perform routine maintenance.

Proper Use of Fume Hood

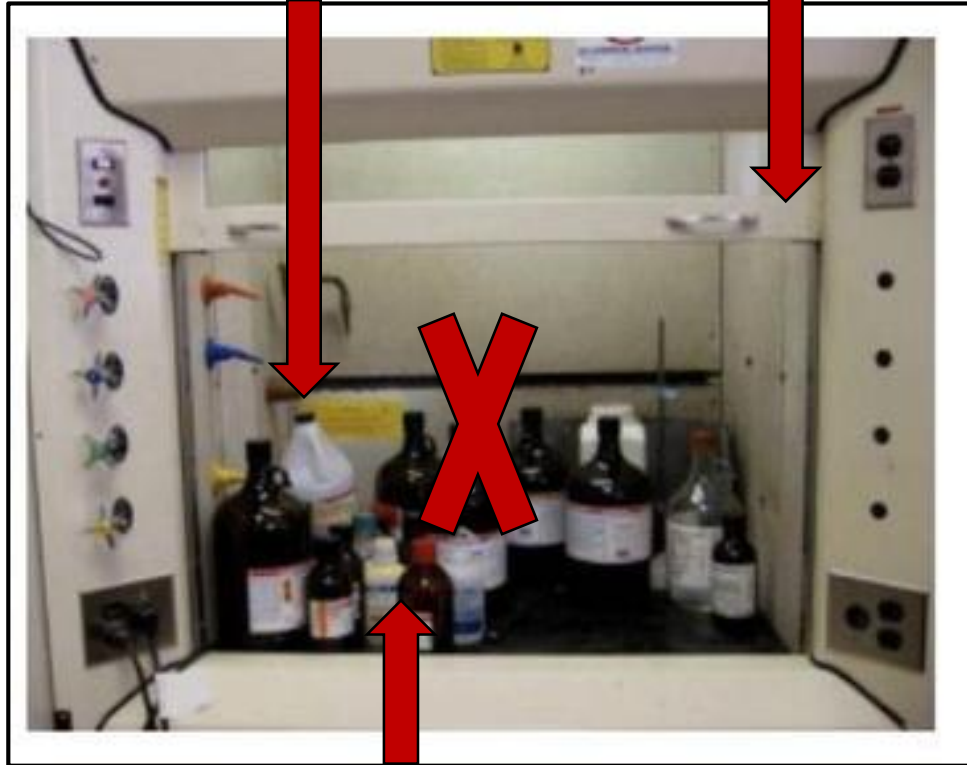
Don't

- Don't block the airflow.
- Don't store chemicals and equipment inside the fume hood.
- Don't place your head inside the fume hood while working.
- Avoid fast movements of your hands inside the fume hood.
- Avoid the traffic and fast movements in front of the fume hood.
- Don't remove the airfoil or the baffles.
- Don't use the fume hood sink for disposing of wastes.
- Don't open the sash completely while the experiment is in progress.
- Don't block the exhaust slot at the back of the fume hood.
- Don't allow excess chemicals to evaporate in the fume hood.

Near the fume hood

Don't block the exhaust slot.

Don't open the sash completely.



Don't store chemicals inside the fume hood.

Keep sash at 18 inches or less while working in the hood.



Near the fume hood



Don't place your head inside the hood.

Near the eye wash station and the safety shower



Keep Area Clear

Test all emergency equipment weekly

Eyewash Station

What to do in case your eyes are exposed to corrosive or injurious substances?

- Immediately go to the eyewash station (the first 10-15 seconds postexposure are very critical).
- Push the pedal to activate the eyewash.
- Flush your eyes with the water.
- Keep your eyes open using your fingers.
- Gently roll your eyes in all directions to flush out chemicals.
- Flush your eyes thoroughly for **15 minutes**.
- Notify your lab supervisor.
- Seek medical help.

Maintaining Emergency Equipment:

- Weekly activation of plumbed eyewashes is a must to make sure it is functional and have enough flushing fluid.
- Annual testing of plumbed eyewashes is a must.

Safety Shower

What to do when your face and/or your body is exposed to corrosive or injurious substances?

- Immediately go to the closest safety shower.
- Pull the lever to allow the flow of water from the shower.
- Stay under the water stream for **at least 15 minutes** or as long as possible until the arrival of the medical help.
- Be careful not to allow the water stream from the safety shower to get into your eyes. It may cause damage to your eyes.
- Notify the lab supervisor.
- Seek medical help.

Careful: Don't use the safety shower to wash your eyes.

- The water stream from the safety shower can cause damage to your eyes.
- In case your eyes and your body are exposed to corrosive or injurious substances, then use the eyewash station to thoroughly wash your eyes, and at the same time use the safety shower to wash your body.

Maintaining Emergency Equipment:

- Periodically check the safety shower to ensure that access to the shower is not blocked.
- Periodically inspect the safety shower visually to ensure that there are no broken parts or leakage

On a wall where lab personnel can see it clearly

