

LAB SAFETY:-

Training:

- Attendance is required at a presentation on laboratory safety that will be shown during your first scheduled laboratory. Each student must give the instructor a signed form indicating that the presentation was attended and that any associated training materials were examined.
- The laboratory is equipped with fire blanket, showers, eye wash, and first aid supplies. Learn the locations and proper use of these items.

Safety Rules

At all times when you are working in the chemistry laboratory you should use prudent practices. Recognize that safety is, ultimately, everyone's individual responsibility.

- Never work alone in any laboratory. .

Avoid the most common causes of accidents:

- Exercise care when picking up potentially hot objects.
- Insert glass objects into rubber stoppers and corks with extreme care.

Avoid contact with laboratory chemicals:

- Wear clothing that protects as much of your body as possible. Closed-toe shoes are required. All skin below the waist must be covered.
- Use department-approved eye-protection at all times. (Goggles are available for purchase from the College Bookstore.)
- Keep the laboratory bench and work area orderly, clean, and free of items not related to the experiment at all times. Specifically, electronic devices are not allowed on the bench.
- Never sit on or lean against the laboratory bench.
- Use a fume hood when directed to do so.
- Food or drink should only be consumed in the lecture area of the room. Do not chew gum during laboratory sessions.
- Dispose of waste materials and excess chemicals in the appropriate containers as indicated by your instructor.

When emergencies do occur:

- Always keep in mind that the first response to the exposure of the eyes or skin to a chemical is immediate, thorough irrigation with water.
- Report all accidents, however minor, to the laboratory instructor immediately.
- Know the exact location of all safety equipment and how to use it.

Preparation is important:

- Perform only assigned experiments. Do not attempt to modify the written procedures unless instructed to do so.
- When conducting experiments ask yourself, "What are the worst possible things that could go wrong?" and "How will I deal with them?" Don't do the experiment until you are certain of your answers.
- Read the label on the container to be certain it contains the required chemical.