

## Laboratory Safety Rules

- A more comprehensive guide for creating a safe laboratory environment is "Safety in Academic Chemistry Laboratories: Accident Prevention for College and University Students Vol. 1, 7th Ed.", published by the American Chemical Society. A link to this manual can be found on the class website.
- A copy of this document can be found on the class website.
- A review of additional safety precautions will be required as a part of each weekly laboratory exercise. This review must be completed before coming to the lab.
- Any faculty member, teaching assistant or stockroom staff member can enforce the safety rules of the Chemistry Department. They can also require that additional safety rules be followed.

### The Following Safety Rules must be Observed:

1. Safety goggles/glasses must be worn at all times; no exceptions. It is strongly suggested contact lens not be worn in the laboratory. If they must be worn, please notify your laboratory instructor.
2. Clothing worn in the laboratory should offer protection from splashes and spills. Shorts, cutoffs, and miniskirts unnecessarily expose your skin to potential corrosives and are not safe. You should wear pants, a long skirt or a long lab coat in the lab. (Lab aprons are available upon request.)
3. Shoes must be worn at all times. These should be with uppers made of leather or polymeric leather substitute. Do not go barefoot or wear sandals. Do not wear shoes that have high heels or open toes, uppers made of cloth, woven leather strips, or other woven material.
4. Do not wear jewelry such as rings, bracelets, and wristwatches in the laboratory.
5. Long hair must be tied back.
6. No eating or drinking the laboratory.
7. No headphones for listening to music are allowed.
8. Cellphone use is prohibited in the laboratory. All electronic devices should be "silenced" during the lab exercise.
9. Unauthorized experiments are prohibited.

### Know the Location of the Following Safety Equipment:

1. Fire Extinguisher
2. Fire Blanket
3. Eye Wash Station
4. Safety Shower
5. First Aid Kit
6. Fume Hood

Follow these Safety Guidelines:

1. Notify your instructor of any spills or accidents.
2. Dispose of waste chemicals as instructed.
3. Keep your work area as clean as possible.
4. Clean up your work area at the end of the laboratory period.
5. Clean up broken glassware using a broom and dust pan. Do not handle broken glass directly.
6. Read the label on each reagent bottle.
7. No sitting on the laboratory benches.
8. Be prepared for each laboratory exercise.
9. Notify your instructor if you observe unsafe working conditions in the lab.

Signature\_\_\_\_\_

Date\_\_\_\_\_

Name\_\_\_\_\_

(Print Legibly)