

## Basic Safety Rules for the Chemistry Laboratory

1. Safety glasses must be worn at all times.
2. Do not perform unauthorized or unsupervised experiments. Obtain your instructor's approval before making any change in the given procedure.
3. Notify the instructor or teaching assistant immediately in case of fire or accident.
4. Do not taste anything in the laboratory. This applies to chemicals as well as food. Do not use the laboratory as an eating place and do not eat or drink from laboratory glassware.
5. Exercise great care in noting the odor of fumes and avoid unnecessary breathing of fumes of any kind. If you must note the odor of a substance, waft the vapors toward your nose by waving your hand.
6. Never use mouth suction to fill pipets with chemical reagents. Always use a suction bulb.
7. Do not force glass tubing into rubber stoppers. Lubricate the tubing and protect your hands with a towel when inserting glass into stoppers.
8. Confine long hair and loose clothing when in the laboratory.
9. Shorts and open-toed shoes are strongly discouraged in the laboratory.
10. Do not remove any chemicals or equipment from the laboratory.
11. Wearing contact lenses in the lab is strongly discouraged. If something should get in your eye, contact lenses serve to trap the material next to the cornea and no amount of flushing with the eyewash bottle will immediately penetrate below the contact lens. However, if contact lenses are the only practical option available, inform your instructor.
12. Be considerate of others. Clean up any spills or broken glass immediately. Never point the mouth of a test tube toward yourself or others. Horseplay and careless acts will not be tolerated.
13. Wearing older clothing to the laboratory is encouraged.
14. Maintain your working area in a reasonable degree of neatness. At the end of the period, clean your glassware, remove any items from the sinks and benchtop and wash the benchtop.
15. Know the location of the following safety equipment, know how to use them properly:
  - Safety Shower
  - Fire Extinguisher
  - Fire Blanket
  - Fume Hoods
  - Eyewash Fountain
  - First-Aid Kit

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**I have read the above safety rules. I understand and will abide by them while working in the laboratory.**

Student's name (print) \_\_\_\_\_ Signature \_\_\_\_\_

Course and Section \_\_\_\_\_ Date \_\_\_\_\_

**(Return one signed copy to the instructor and retain one in your lab manual.)**