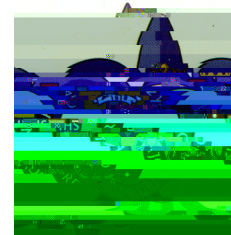


Guide to Basic Laboratory Safety Chemistry Department Saint Louis University



This guide has been prepared by the Department of Chemistry. Faculty and staff are responsible for the safety of students and for the proper use of laboratory facilities. It is the responsibility of the student to read and understand this guide and to follow the instructions given. No person should attempt any procedure unless they have been properly instructed and have read the appropriate procedure in the laboratory manual.

Rules to be followed without exception:

Eye protection is required in the laboratory. Safety glasses must be worn at all times. Contact lenses should not be worn in the laboratory. The use of contact lenses is prohibited.

Proper use of laboratory equipment is required. All equipment should be used in accordance with the instructions provided by the manufacturer.

Unauthorized persons are not allowed in the laboratory. Only authorized personnel should be present in the laboratory at all times.

Liquids and solids have a definite shape and volume under most conditions.
 Molecules are held together by attractive forces. The strength of these forces depends on the nature of the molecules.
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Reactivity (instability)

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Chemicals spilled on a person over a large area

Quickly remove contaminated clothing and decontaminate the person on the scene. If necessary, the person should be removed to a safe area. If a person is contaminated, they should be removed to a safe area. If a person is contaminated, they should be removed to a safe area.

Fire

The following information depends on the severity of the exposure. If there is no injury and the fire is small, the person should be removed to a safe area. If there is injury, the person should be removed to a safe area. If there is injury, the person should be removed to a safe area.

Burning Clothing

The following information depends on the severity of the exposure. If there is no injury and the fire is small, the person should be removed to a safe area. If there is injury, the person should be removed to a safe area. If there is injury, the person should be removed to a safe area.

Explosions

The following information depends on the severity of the exposure. If there is no injury and the fire is small, the person should be removed to a safe area. If there is injury, the person should be removed to a safe area. If there is injury, the person should be removed to a safe area.

Medical

Earthquake

- Move against an error if necessary and cover the head with the soles of the feet. If possible, get under a sturdy desk or table. If no desk or table is available, crouch in a corner of the room, away from windows, glass doors, and heavy furniture.

Other emergencies

- For other emergencies when the danger is imminent, follow the instructions of the person in charge. If you are in a room with a fire alarm, follow the instructions of the fire warden.

As dden r se n e per e re of e q d e ng d s ed se v dence of deco pos on h ch y eco e
o en v ed e y re o e he e r persons ne e y nd q c y o e e y Do no re rn n yo
e cer n he e per e re h e e y dropped
Be e re of h e yo r ne gh ors e do ng s yo y e e c of he r e c den s Do no hes e o
e f y co en o ne gh or ho yo o ser e eng g ng n n ns e pr e ce or oper e on v f hey
con n e he ns e pr e ce e he ns r c or

