Lab safety

Lab labeling and storage should be kept free of clutter and floors should be kept dry.

Do not store chemical or waste in funnels.

Chemical and personal protective equipment should be designed and located.

Avoid touching any container if you do not know what the container contains or how to handle it.

Follow chemical storage guidelines and keep incompatible chemicals apart.

Know the location of the alarm, the emergency eyewash/safety shower(s), first aid kit and safety data sheets.

Use eye protection. Do not remove protective glasses.

Use personal protective equipment while in the lab, but do not wear it outside the lab.

Check all chemical labels twice to ensure accuracy. Know your hazard classifications.

Report all lab accidents to EHSRM and your department head immediately.

Do not wear jewelry or loose clothing.

Do not work alone in the lab.

Do not leave experiments unattended.

Do not mix waste streams. Dangerous reactions can occur, or it may be more expensive to dispose of the waste.

Do not exceed allowable quantities of chemicals. Contact EHSRM if you have questions.

Inspect all equipment before use and flag if needs repair. Clean equipment regularly.

Inspect compressed gas cylinders and personnel protective equipment to ensure they are in good working order.

Inspect gas and water supplies and turn them off before leaving the lab.

Inspect gas supplies and make sure gas is turned on for all experiments.

Inspect all equipment before use and flag if needs repair. Clean equipment regularly.

Before you start work in the lab, review the following procedures and equipment.

Immediately report any unsafe conditions to the appropriate authority.

Determine the appropriate mixtures.

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