

LABORATORY SAFETY RULES

Complete required EHS training prior to beginning work. Training courses can be found at www.yale.edu/training

Familiarize yourself with the University's Chemical Hygiene Plan, Biosafety Manual, and Radiation Safety Manual (ehs.yale.edu).

Incorporate risk assessments when planning out experiments, and write Standard Operating Procedures before beginning new processes/operations.

Plan for emergencies and know the location of emergency eyewashes and showers, spill kits, fire extinguishers, and fire pull stations.

Do not work alone with highly hazardous materials or operations.

Wear PPE and appropriate apparel, including clothing that covers the legs, closed toe solid top shoes, and safety glasses; wear gloves and a lab coat when working with hazardous materials.

Follow additional PPE requirements based on the PPE hazard assessment tool.

Label all chemical containers, including oil/water baths, squirt bottles, etc.

Label all hazardous waste containers with the full chemical names of the contents and the words "hazardous waste". Ensure these containers are capped when waste is not being added.

Keep aisle ways clear. Do not block access to emergency equipment or exits.

Store chemicals in appropriate storage locations. Do not store chemicals on floors and keep storage outside chemical cabinets to a minimum.

Remember: Food and Beverages are not allowed in the laboratory!

EMERGENCY CONTACTS:

911 MEDICAL, POLICE, OR FIRE EMERGENCIES

203-785-3555 YALE ENVIRONMENTAL HEALTH & SAFETY

203-432-0123 YALE HEALTH – MINOR MEDICAL ISSUES

Minimum Laboratory PPE

When working in a laboratory where hazardous materials are used, wear:

- Safety glasses or other eye protection
- Long pants
- Closed toe, solid top shoes

When directly handling hazardous materials, add:

- Safety glasses
- Lab coat
- Gloves, if touching potentially contaminated or hazardous materials

Travel safely on your path to discovery.

Scan for video



Start Off on the Right Foot

Wearing proper protective clothing is an important way to protect your feet while working in the laboratory.



Put Your Best Foot Forward

Scan here for more information on laboratory safety



Yale *Environmental Health & Safety*
ehs.yale.edu 203-785-3550

Danger can rise... In the blink of an eye...

Prevent splattering solutions, chemicals, particles, and broken glass from going directly into your eyes.

Using safety glasses is the best way to protect your eyes while working in the laboratory.

Save your sight
Do it right ...



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information on
laboratory safety

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Dress for Success... Not Distress!

Always wear long pants, safety glasses, and a lab coat when working with hazardous materials in the laboratory.

Wearing the proper protective clothing is the best way to protect yourself while working in the laboratory.



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information on
laboratory safety

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Stuff on your hands... Can end up in your mouth . . .

Don't eat something unwanted.
Stuff on your hands can end up on your sandwich, soda can or piece of fruit

Always wash your hands thoroughly when leaving the lab. Remember, food and drink, including water bottles, are not allowed in the laboratory.



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information on
laboratory safety



Protect Your Eyes

Safety
glasses
can be
fashionable



Travel safely on your path to discovery.

Spread the Word ... Not the Germs ...

Remove personal protective
equipment and wash your
hands before leaving
the laboratory.



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Stay Protected

When directly handling hazardous materials, wear your safety glasses, long pants, lab coat, gloves and closed toe shoes.



Travel Safely on Your Journey of Discovery

Wear your required Personal Protective Equipment (PPE)



Be Alert Accidents Hurt !

Accidents are more likely to occur if you are working when tired.

Help may not be readily available if you are working alone. Do not work alone with high hazard materials.

Always be alert to unsafe conditions and actions and bring them to the attention of your supervisor or lab manager immediately so that corrections can be made as soon as possible.



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Turn your attention
To accident prevention

