

Safety and Emergency Equipment for the Laboratory

Checklists for safety and emergency equipment for the laboratory.

Personal Protective Equipment (PPE)

Chemical Splash Goggles

Lab Coats

Lab aprons

Gloves (selected based on the material being handled and the hazard involved)

Need help deciding which safety equipment is right for your class? Use this guide for PPE.

Safety and Emergency Equipment

- ✓ Hands-free eyewash station (not eyewash bottles) that conform to the ANSI Z358.1—2014 standard
- ✓ Safety shields
- ✓ Sand bucket
- ✓ Fire blanket
- ✓ Emergency lights and signs
- ✓ Fire detection or alarm system with pull stations
- ✓ First aid kit
- ✓ Spill control kit (absorbent and neutralizing agents) Acids and Bases
- ✓ Chemical storage cabinet (preferably with an explosion proof ventilation system)
- ✓ Litre/Gallon-size carrying buckets for chemical bottle.
- ✓ Laboratory chemical hood (60—100 ft/minute capture velocity, vented outside)
- ✓ Ground-fault interrupter electrical outlets
- ✓ Disposal box for broken glass and other sharps
- ✓ Safety Data Sheets (SDS/MSDS)
- ✓ Emergency Action Plan for the institution

This information is from the School Chemistry Laboratory Safety Guide created by the U.S. Consumer Safety Product Commission (CPSC), Department of Health and Human Services, Centers for Disease Control and Prevention (CDC), and the National Institute for Occupational Safety and Health (NIOSH).