

## ENVIRONMENTAL HEALTH AND SAFETY

---

### **CHEMICAL LAB SAFETY TRAINING CONTENT**

Instructors of introductory level labs are often the first leaders who teach students to follow proper lab chemical safety practices.

These are the topics covered during the EHS Chemical Lab Safety training. Some items are required for employees but may not be necessary for students (E):

1. Description of the OSHA laboratory standard (29 CFR 1910.1450) (E)
2. University of Connecticut Chemical Hygiene Plan
3. Chemical Inventory
4. Safety Data Sheets
5. Workplace Hazard Assessment (E)
6. Personal Protective Equipment, PPE
7. Safety Information Cards
8. Hazard Identification and Types
9. Laboratory Practices:
  - Labeling,
  - Chemical Segregation,
  - Fume Hoods,
  - Gas Storage,
  - Housekeeping
10. Hazardous Waste
11. Emergency Response Procedures
12. First Aid