

## Chemistry Lab Safety Quiz PDF

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### What should you do before leaving the lab?

- Leave your equipment on the bench
- Clean your workspace and wash your hands
- Take off your lab coat and leave it in the lab
- Turn off the lights

### What is the first step in using a fire extinguisher?

- Aim at the base of the fire
- Pull the pin
- Squeeze the handle
- Sweep side to side

### What is the primary purpose of wearing goggles in the chemistry lab?

- To look stylish
- To protect eyes from chemical splashes
- To see better in dim light
- To prevent dust from entering the eyes

### Why is it crucial to report all incidents and near-misses in the laboratory?

**Discuss the environmental impact of improper chemical waste disposal and how it can be mitigated.**

**What should be included in a risk assessment before starting an experiment? (Select all that apply)**

- Identification of potential hazards
- Steps to minimize risks
- Estimated time to complete the experiment
- Emergency contact numbers

**Which PPE items are necessary when handling corrosives? (Select all that apply)**

- Safety goggles
- Lab coat
- Open-toe shoes
- Gloves

**Which document provides detailed information about chemical properties and hazards?**

- Lab manual
- Material Safety Data Sheet (MSDS)
- Experiment protocol
- Safety sign

**Which of the following is a common lab hazard?**

- Biological risk
- Physical risk
- Chemical risk
- All of the above

**Explain why it is important to conduct a risk assessment before starting any laboratory experiment.**

**What are the correct steps for disposing of chemical waste? (Select all that apply)**

- Pour it down the sink
- Follow lab-specific disposal procedures
- Label the waste container clearly
- Mix different types of waste together

**What should you do if a chemical spill occurs on your skin?**

- Wipe it off with a paper towel
- Ignore it if it doesn't hurt
- Rinse immediately with plenty of water
- Cover it with a bandage

**Which of the following is NOT considered personal protective equipment (PPE)?**

- Lab coat
- Safety goggles
- Open-toe sandals
- Gloves

**How can you identify a chemical hazard in the lab, and what symbols might indicate these hazards?**

**What actions should you take if you notice a chemical spill? (Select all that apply)**

- Report it to the supervisor
- Clean it up immediately without protective gear
- Evacuate the area if necessary
- Use the appropriate spill kit

**Describe the steps you would take if you accidentally spill a chemical on the lab bench.**

**Where should you dispose of broken glassware in the lab?**

- Regular trash bin
- Recycling bin
- Designated glass disposal container
- Chemical waste container

**What are the potential consequences of not wearing appropriate PPE in the lab?**

**Which of the following are essential items in a lab's emergency equipment? (Select all that apply)**

- Eyewash station
- Fire extinguisher
- Bunsen burner
- Safety shower

**Which of the following are considered proper lab conduct? (Select all that apply)**

- Eating lunch in the lab
- Keeping your workspace organized
- Wearing PPE at all times
- Listening to music with headphones