# Chemical Management Safety Quiz

Name: 

Date: 

Study the Lawson Chemical Safety Presentation before completing this quiz. Carefully read each question and then click the box located beside the correct answer(s). Please submit the completed quiz to [**hien.nguyen@lawsonresearch.com**](mailto:hien.nguyen@lawsonresearch.com)

1. Toxicity is a measure of:

a. The rate at which a chemical makes you sick

b. The poisoning strength of a chemical

c. The environmental contamination the chemical can cause

1. In the laboratory, Personal Protective Equipment (PPE) must only be used when working with toxic or corrosive chemicals

a. True

b. False

1. Skin contact with chemicals can be avoided with the use of:

(Check all that apply)

a. Soap and water

b. gloves

c. lab coat

d. closed-toe shoes

e. long pants

f. all of the above

1. Contact with a chemical on an open wound or cut would be considered:

a. injection

b. inhalation

c. a contact burn

d. ingestion

1. Fume hoods can be used to safely work with biological agents: True or False?

a. True: because the fume hood will safely remove the biological agent

b. False: the biological agent will contaminate the fume hood and HVAC system

1. Liquids stored on lab shelves:

a. Can be stored at any height

b. Can be stored with solid compounds and elements

c. Should be stored no higher than the shoulder height of the shortest person in the lab

d. Should be stored at eye height of the tallest person in the lab

1. Glacial Acetic Acid is listed as a Class 3/Class 8 flammable-corrosive liquid. It should be stored:

a. Under the sink

b. In an approved flammable cabinet

c. In an approved corrosive cabinet

d. On the shelf with the general lab chemicals

1. When working with non-volatile toxic chemicals, the following PPE should be used:

(Check all that apply)

a. Goggles

b. Safety Glasses

c. Gloves

d. Lab coat

e. Safety boots

f. A surgical mask

g. A face shield

1. Is this statement correct? Solutions of Sulphuric Acid and Sodium Hydroxide can be safely stored together.

a. Yes, they are compatible

b. Yes, because they are both liquids

c. Yes, because nothing will happen if they mix

d. No, they can violently react depending on their concentration

1. Which of the following are Physical Hazards? (Check all that apply)

a. Flammable

b. Carcinogen

c. Irritant

d. Oxidizer

e. Organic Peroxide

f. Toxic Agent