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# KOH SDS Activity Assessment

## Participant Guide

### Introduction

The purpose of this assessment is to test your knowledge of the information provided in a SDS for the chemical compound KOH. This assessment should be taken after completing the KOH SDS Activity.

**Below are ten questions.**

1. What is does the chemical compound, KOH stand for?
  - a. Sodium peroxide
  - b. Hydroxide
  - c. Potassium hydroxide
  - d. Peroxide
2. If KOH gets in the eyes, what steps should be followed?
  - a. Nothing, KOH does not harm the eyes
  - b. Briefly rinse eyes with water
  - c. Contact lab manager and wait for his/her response
  - d. Get medical aid at once and immediately flush eyes with water for 15-20 minutes.
3. Which of the following statements is TRUE about KOH?
  - a. Highly reactive
  - b. Incompatible with water
  - c. Has a low flashpoint
  - d. Stable under normal condition
4. In case of skin contact with KOH, which of the following is NOT recommended.
  - a. Immediately flush skin with water for at least 15 minutes.
  - b. DO NOT flush irritated skin. Cover immediately with an emollient.
  - c. Get medical attention immediately.
  - d. All of the above.
5. Which of the following properties do NOT apply to KOH.
  - a. Flammable
  - b. Caustic
  - c. Toxic if swallowed
  - d. Non-combustible

6. Which of the following lists of Personal Protective Equipment (PPE) is required when working
- Safety glasses and nitrile gloves
  - Chemical splash goggles and nitrile gloves
  - Chemical splash goggles, face shield, rubber apron, chemical gloves
  - Chemical splash goggles, face shield, rubber apron, chemical gloves and respirator
7. What odor would one smell when working around KOH?
- Citrus
  - Rotting eggs
  - Sulphuric
  - No odor
8. What are the routes of entry for KOH?
- Absorbed through skin
  - Inhalation
  - Ingestion
  - All of the above
9. What is the “chemical family” of KOH?
- Alkali metal
  - Transition metal
  - Halogen gas
  - Noble gas
10. What section of the SDS would you find the information needed if KOH were ingested?

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