
KOH SDS Activity Assessment

Instructor Guide

Note to Instructor

The KOH Activity Assessment tests the learner's knowledge and skill on extracting and interpreting the information on a KOH Safety Data Sheets. It is recommended that this assessment be used as a post-test after the KOH activity

This KOH Activity Assessment is one of two assessments of the Safety Data Sheets Learning Module.

- SDS Knowledge Probe
- SDS Primary Knowledge
- SDS Activity
- SDS Activity for KOH
- **SDS Assessment for KOH Activity**
- SDS Final Assessment (assesses knowledge and skill in locating, interpreting and applying the information on a SDS)

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

*c. KOH is the chemical compound **Potassium Hydroxide**, or sometimes referred to as potash.*

2. If KOH gets in the eyes, what steps should be followed?
- Nothing, KOH does not harm the eyes
 - Briefly rinse eyes with water
 - Contact lab manager and wait for his/her response
 - Get medical aid at once and immediately flush eyes with water for 15-20 minutes.

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?
- Highly reactive
 - Incompatible with water
 - Has a low flashpoint
 - Stable under normal condition

d. Stable under normal condition

4. In case of skin contact with KOH, which of the following is NOT recommended.
- Immediately flush skin with water for at least 15 minutes.
 - DO NOT flush irritated skin. Cover immediately with an emollient.
 - Get medical attention immediately.
 - All of the above.

b. DO NOT flush...

5. Which of the following properties do NOT apply to KOH.
- Flammable
 - Caustic
 - Toxic if swallowed
 - Non-combustible

a. Flammable (KOH is NOT flammable)

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

c. Chemical splash goggles, face shield, rubber apron, chemical gloves

7. What odor would one smell when working around KOH?
- Citrus
 - Rotting eggs
 - Sulphuric
 - No odor

d. KOH is odorless

8. What are the routes of entry for KOH?
- Absorbed through skin
 - Inhalation
 - Ingestion
 - All of the above

d. KOH can enter the body through all of the above routes of entry.

9. What is the “chemical family” of KOH?
- Alkali metal
 - Transition metal
 - Halogen gas
 - Noble gas

a. KOH is an alkali metal

10. What section of the SDS would you find the information needed if KOH were ingested?

First Aid Measures

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