

Name _____

Safety First: Neutralizing Acid and Base Spills on Skin and Clothing

Multiple Choice Questions

1. What safety gear should you wear when working with acids or bases to prevent spills on your skin or clothing?
 - a) Sunglasses and sandals
 - b) Safety goggles, gloves, and a lab coat or apron
 - c) A hat and a scarf
 - d) Flip-flops and shorts

2. Why is it important to remove contaminated clothing if acids or bases spill on it?
 - a) To save the clothing
 - b) To prevent further contact and spreading of the substance
 - c) To keep the clothing clean
 - d) To make it easier to identify the substance

3. What is the recommended duration for rinsing the affected area with water after an acid or base spill?
 - a) 5 seconds
 - b) 15 minutes
 - c) 30 minutes
 - d) 1 hour

4. Which neutralizing agent is suitable for addressing acid spills on the skin or clothing?
 - a) Baking soda (sodium bicarbonate) solution
 - b) Diluted vinegar (acetic acid) solution
 - c) Lemon juice
 - d) Olive oil

5. When should you seek medical attention after a spill involving acids or bases?
 - a) Only if there are visible burns
 - b) If the spill causes any discomfort
 - c) Immediately for eye exposure or if irritation persists
 - d) After waiting for at least 24 hours

