

Name _____

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

Short Answer Key

1. Rinsing the affected area with water for an extended duration is essential to thoroughly dilute and wash away the acid or base, preventing further harm.
2. To neutralize a base spill on the skin or clothing, rinse with water, remove contaminated clothing, and apply a weak acid solution, such as diluted vinegar.
3. Knowing the location of emergency eyewash stations and safety showers is crucial for quick access in case of a spill, allowing immediate response to minimize harm.
4. If a spill involves both an acid and a base, first rinse with water to dilute the substances separately. Then, follow the appropriate neutralization steps for each.
5. Seeking medical attention after a spill involving acids or bases is essential if the spill causes any discomfort or irritation, even if there are no visible burns.

