Name _____

Acids and Bases at Work: Building, Cleaning, and More!

Open-Ended Response Questions

1. Research and discuss one environmental issue related to the use of acids or bases in industrial processes. How can this issue be addressed or mitigated?

2. Imagine you are a baker creating a new recipe for a fluffy and light cake. Explain how you would use baking powder or baking soda along with acidic ingredients to achieve the desired texture and taste.

3. Investigate and describe the process of neutralizing a chemical spill using acids or bases. What safety precautions should be taken during this process?

4. Explore the role of acids in preserving food. Provide examples of acidic foods and explain how their acidity contributes to food safety and flavor.

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