

Name _____

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

Short Answer Key

1. Acids are used in cheese production to curdle milk and form curds, which are then processed into various types of cheese.
2. Bases like sodium hydroxide are used in detergent production to create surfactants, which help break down and remove stains and grease from fabrics and dishes.
3. Antacids provide relief from heartburn and indigestion by neutralizing excess stomach acid, reducing discomfort.
4. Phosphoric acid is used in fertilizer production to provide essential nutrients like phosphorus to plants, promoting healthy growth.
5. pH control is essential in wastewater treatment plants to ensure that pollutants can be effectively removed from wastewater before it is discharged into the environment.

