

Name _____

Acids and Bases: Everyday Heroes You Didn't Know About

Short Answer Key

1. Acids in household cleaners break down stains and grime by chemically reacting with their components, making them easier to remove.
2. Bases in toothpaste and mouthwash help remove plaque and stains from teeth and maintain a healthy pH in the mouth, promoting oral health.
3. Neutralization in chemical spill cleanup involves adding an appropriate acid or base to the spill to counteract the hazardous substance, reducing its harmful effects.
4. Lemon juice is commonly used to flavor beverages. The acidity of lemon juice enhances the overall taste by providing a refreshing and tangy flavor.
5. Maintaining a specific pH level in bodily fluids is crucial for overall health because it ensures that enzymes and cellular processes function correctly. Deviations from the optimal pH range can lead to health problems.

