

1. F_____ is extremely beneficial for plants because it supplies essential nutrients like nitric acid and mineral salts.
2. V_____ is commonly used to keep food fresh longer since it contains natural acids that prevent spoilage.
3. Before you use it, detergent must always be d_____ to reduce its harmful effects on human skin and hands.
4. Salt has a salty taste; it is white and classified as a t_____ substance because light passes through it.
5. Certain fruits such as lemons, limes, and grapes are s____ due to their high concentration of natural acids.
6. When you wash your hands with soap, you feel them s_____ because of the basic substances present in the soap.
7. Bases found within the human body help to n_____ acidic conditions, preventing several health-related problems.
8. CH_3COOH is considered a weak acid since it is only partially i_____ when dissolved in water.
9. Sulfuric acid is widely used in industry to r_____ crude oil into petrol and to clean metal surfaces effectively.
10. Acid plays an important role in the food industry as it helps to p_____ food for longer storage periods.
11. To do the color changing milk experiment, you need milk, dish soap, and f____ c_____ like red, yellow, green, and blue colors.
12. G____ is a very sticky substance that people often use for joining objects or materials together securely in projects.
13. The purpose of this experiment is to explore the chemical reaction between vinegar and b____ s____, a white powder used for baking.
14. J____ are durable containers made of either glass or plastic, usually sealed with lids or stoppers to store lab chemicals safely.
15. In laboratory experiments, we frequently use a m_____ c____ to measure the precise volume of vinegar or similar liquids.
16. Inside the chemistry laboratory, r_____ s_____ are needed to securely plug the mouths of test tubes, flasks, and other glass containers.
17. An e_____ reaction is a special chemical process that gives off energy, often observed through the release of heat or light.
18. When you mix hydrogen peroxide, dish soap, and yeast together, you will see lots of small bubbles forming a mass called f_____.
19. Methanol is known to be a highly f_____ substance in laboratories, which can ignite easily, requiring careful labeling and storage.
20. To perform this experiment, I used a piece of zinc metal along with concentrated h_____ acid (HCl) found on that laboratory table.