

ANHYDROUS

Meaning: Anhydrous refers to a substance that contains no water or water of crystallization.

1. The anhydrous form of the compound is often preferred in laboratory settings for its stability.
2. When mixed with water, the anhydrous salt readily dissolves, forming a hydrated compound.
3. Anhydrous ammonia is commonly used as a nitrogen fertilizer in agriculture.
4. In the production of pharmaceuticals, anhydrous solvents are crucial for certain chemical reactions.
5. The anhydrous state of the material allows for precise measurements in scientific experiments.
6. Chemists often need to ensure that their reagents are anhydrous to avoid unwanted reactions.
7. The anhydrous environment helped preserve the sensitive materials during the experiment.
8. In food processing, anhydrous milk fat is valued for its long shelf life and rich flavor.
9. The laboratory technician carefully handled the anhydrous powder to prevent moisture contamination.
10. Anhydrous magnesium sulfate is frequently employed as a drying agent in organic synthesis.

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