

ACROLEIN

Meaning: Acrolein is a colorless, pungent liquid used primarily in chemical synthesis, produced by the oxidation of propylene.

1. Acrolein is a colorless liquid with a pungent odor often used in chemical synthesis.
2. The production of acrolein involves the oxidation of propylene in the presence of air.
3. Exposure to acrolein can lead to irritation of the respiratory system and skin.
4. Acrolein is commonly utilized as a precursor for the manufacture of various plastics and resins.
5. In laboratory settings, acrolein is frequently employed as a reagent in organic chemistry.
6. The presence of acrolein in tobacco smoke contributes to the harmful effects of smoking.
7. Safety precautions are essential when handling acrolein due to its toxic nature.
8. Acrolein can be formed as a byproduct during the combustion of organic matter.
9. Researchers are studying acrolein's role in the development of certain diseases, including cancer.
10. The environmental impact of acrolein is an area of concern due to its potential toxicity to aquatic life.

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