

CUMENE

Meaning: Cumene is an aromatic hydrocarbon with the chemical formula C₉H₁₀, used primarily in the production of phenol and acetone.

1. Cumene is commonly used in the production of phenol and acetone through the cumene process.
2. The chemical structure of cumene consists of a benzene ring attached to a propylene group.
3. In industrial applications, cumene serves as a solvent and a precursor for various chemical syntheses.
4. Safety measures are crucial when handling cumene due to its flammable nature and potential health risks.
5. Research into alternative methods for producing cumene aims to improve efficiency and reduce environmental impact.

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