

CYCLOHEXANOL



Cas Number: 108-93-0

Other Names: Cyclohexyl alcohol, Hexahydrophenol, Hydrophenol, Hydroxycyclohexane, Hexalin, 1-Cyclohexanol, Hydralin

Formula: $C_6H_{12}O$

PRODUCT INTRODUCTION

Cyclohexanol is an alcohol that consists of cyclohexane bearing a single hydroxy substituent and having chemical formula $C_6H_{12}O$. Cyclohexanol appears as a colorless liquid with a camphor-like odor. Soluble in most organic liquids. Vapors are narcotic in high concentrations. Billions of kilograms are produced annually, mainly as a precursor to nylon

PHYSICAL AND CHEMICAL PROPERTIES

Cyclohexanol %	99.97
Cyclohexanone %	0.01
Water %	0.02
Color APHA (Pt-Co) units	<1

APPLICATIONS

- Cyclohexanol may be used in the preparation of ϵ -caprolactam and adipic acid, important precursors for the industrial synthesis of nylon-6 and nylon-6.6, respectively.
- It is used as solvent for alkyd resins, alcohol-soluble phenolic resins, and ethyl cellulose.
- Cyclohexanol is used as stabilizer and homogenizer for soaps and synthetic detergent emulsions.

- Leather degreasing, polishes, plasticizers, plastics, germicides are some other common uses of cyclohexanol

PACKAGING OPTIONS

Drums

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