

METHYLCYCLOHEXANE



CAS Number: 108-87-2

Other Names: Cyclohexylmethane; Toluene hexahydride;
Hexahydroxytoluene; Sextone B; Hexahydrotoluene

Formula: C_7H_{14} or $C_6H_{11}CH_3$

PRODUCT INTRODUCTION

Methylcyclohexane is an organic compound with the molecular formula is $C_6H_{11}CH_3$. It appears as a clear colorless liquid with a petroleum-like odor. It is insoluble in water.

PHYSICAL AND CHEMICAL PROPERTIES

Color (Pt-Co Scale)	5
Appearance	Colorless
Specific Gravity 15.56/15.56°C	0.7735
Initial Boiling Point (°C)	100.8
Dry Point (°C)	101.5
Components	-
Methylcyclohexane mass (%)	99.84
Components	-
Benzene (mg/kg)	0
Toluene (mg/kg)	Free
Xylene (mg/kg)	0
Benzene + Toluene+ Xylene (mg/kg)	0
Sulfur (mg/kg)	LT 0.1
Density (15°C)	773.3

APPLICATIONS

- Methyl cyclohexane is used commercially as a solvent for cellulose derivatives particularly with other solvents,
- It is also used an organic intermediate in organic synthesis.

- It is one of the components found in jet fuel.
- Methyl cyclohexane on very large scale consumes as dye solvent in the manufacturing of optical discs, solvents in the formulation of inks, paints and coatings.

PACKING OPTIONS

Drums

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