

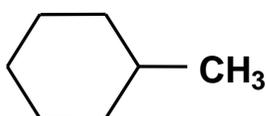
Technical Bulletin

JEFFSOL[®] MCH

PRODUCT DESCRIPTION

JEFFSOL[®] MCH (Methylcyclohexane) is a cycloaliphatic hydrocarbon. Physical properties are reminiscent of aromatic solvents such as toluene. It is less soluble in water than toluene, but miscible with many organic solvents.

STRUCTURE



TYPICAL PROPERTIES

Appearance	Clear liquid, substantially free of suspended matter
Purity, wt.% (by GC)	99.9
Water, wt.%	0.005
Boiling point, °C	101
Freezing point, °C	- 126
Flash point, PMCC, °C	- 4
Autoignition point, °C	260
Specific gravity, 20/20°C	0.77

* Current sales specifications can be obtained from any Huntsman Corporation sales office.

APPLICATIONS

- JEFFSOL[®] MCH is an environmentally friendly aliphatic solvent and is widely used for replacing more toxic aromatic solvents such as toluene.
- JEFFSOL[®] MCH may be used as purification solvent in the synthesis of many chemicals such as pharmaceutical and agrochemical actives.
- JEFFSOL[®] MCH may be used in the manufacturing of rubbers, dyes, coatings, paints, inks, varnishes, oils, fats and waxes, and also as solvent for polymerisation reactions and various extractive processes.
- JEFFSOL[®] MCH may be utilised as an inert entraining solvent for azeotropic dewatering in chemical processing. The biodegradability and the very low solubility of MCH in water gives advantages compared with toluene.

REGULATORY INFORMATION

- CAS No: 108-87-2
- EINECS: 203-624-3
- TSCA: Listed
- Classification: F (Highly flammable)

AVAILABILITY

Available in bulk and non-returnable drums of 155 kg net. Requests for samples can be made through any Huntsman Europe sales office.

STORAGE AND HANDLING

JEFFSOL[®] MCH must be stored in a dry and cool place. Direct exposure to sunlight should always be avoided, even for unclean empty drums. JEFFSOL[®] MCH is classified as a highly flammable liquid and storage must be in total compliance with appropriate fire regulations. For more information please contact any Huntsman office.

PRODUCT SAFETY POLICY

It is the policy of Huntsman to provide customers with information on the safe handling and use of our products. The Material Safety Data Sheet (MSDS) should always be read and understood thoroughly before handling the product and adequate safety procedures should be followed. Information on the toxicity, environmental and industrial hygiene aspects of our products may be found in the MSDS, which is available upon request through any Huntsman Europe sales office.

For Your Protection

JEFFSOL MCH -1107

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