

METHYL ISOBUTYL KETONE (MIBK)



CAS Number: 108-10-1

Other Names: 4-Methylpentan-2-one; Isopropylacetone, Hexone,
Isobutyl methyl ketone, 2-Methylpropyl methyl ketone, MIBK,
4-Methyl-2-oxopentane, MIK, Isobutylmethyl ketone, Isohexanone

Formula: C₆H₁₂O

PRODUCT INTRODUCTION

Methyl isobutyl ketone (MIBK) is a clear, colourless liquid with a characteristic ketone odour. It has the chemical formula C₆H₁₂O and is slightly soluble in water and is miscible with most organic solvents.

PHYSICAL AND CHEMICAL PROPERTIES

MIBK Purity	99.71 Wt.%
Water	0.02 wt. %
Color	5 APHA
Initial Boiling Point	115.4°C
Dry Point	116.4°C
Acidity	0.001 Wt.%
Density at 20°C	0.801g/mL

APPLICATIONS

- MIBK is primarily used as a solvent in cellulose-based and resin-based coatings and adhesives.
- It is also an extraction solvent for antibiotics and other pharmaceuticals, and is employed in rare-metal extraction as a solvent for metal separation.
- MIBK is also a chemical intermediate that is used to produce target molecules such as rubber anti-ozonants (used in the production of tyres) and acetylenic diol compounds.
- MIBK is used in home products like hard surface cleaners, dyes and tints, laundry starches, paints and varnish products.
- MIBK is also used in insecticides that control garden insects, greases and oil used as lubricants, automotive chemicals, pet flea and tick products, shoe polish, wood office furniture, and clear finishes, undercoats and primers.
- Consumer products containing MIBK include aerosol paints, coatings used in construction, and automobile and machinery paints and primers

PACKING OPTIONS

Tanks

Drums

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