



Methyl Isobutyl Ketone (MIBK)

Product Data Sheet - typical properties and specifications

Methyl Isobutyl Ketone (MIBK) is a stable, colorless liquid with a pleasant odor. It is both a medium boiling and medium evaporating solvent commonly used by the industrial paints and coatings industry in the production of traffic paints and automotive coatings, nitrocellulose lacquers, and vinyl-acrylic resins for adhesives. MIBK is also used as an extraction solvent for tall oil soap purification.

Methyl Isobutyl Ketone is also referred to as 4-methylpentan-2-one.

Health and safety information and safe handling suggestions are available through the appropriate Safety Data Sheet (SDS).

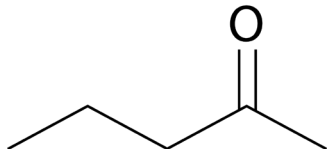
Specifications

Characteristic	Sales Specifications
Appearance	Colorless
Color, Pt-Co	8 Max
Purity, Wt. %	99.0 Min
Water, Wt. %	0.04 Max
Acidity, Wt. %	0.01 Max

For more information on acetone or other chemicals in our product line, call us today at (713) 658-9000.

ALTIVIA Ketones & Additives, LLC
250 Carbide Rd.
Dunbar, WV 25064

Typical Physical Properties

Typical Properties	Typical Value
Structural Formula	
Empirical Formula	C ₆ H ₁₂ O
Molecular Weight	100.16 g/mol <i>calculated</i>
Physical State	Liquid
Color	Colorless
Odor	characteristic
Explosive Limits (by volume in air)	1.2% - 8.0% <i>Literature</i>
Flash Point	Closed cup >15 °C (59 °F) <i>ASTM D 56</i>
Autoignition Temperature	448-460°C (838-860°F) <i>Literature</i>
Boiling Point (760 mm)	116.1°C (241.0°F) <i>Literature</i>
Density at 20°C, 68°F	0.80 g/cm ³ (6.67 lb/gal) <i>Literature</i>
Melting Point	-84°C (-119 °F) <i>Literature</i>
Vapor Density (Air = 1.0)	3.5 <i>Literature</i>
Vapor Pressure at 25°C, 77°F	2.64 kPa <i>Literature</i>
Viscosity Kinematic at 20°C, 68°F	(0.73 mm ² /s) <i>Literature</i>
Water Solubility at 20°C, 68°F at 1 atm	14.1 g/L <i>Literature</i>

Information contained herein is considered accurate to our best knowledge. It is offered for your consideration and investigation, and is not to be construed as a representation or warranty, expressed or implied, for which ALTIVIA Ketones & Additives, LLC assumes legal responsibility. Our warranties are limited to those expressly stated in formal contracts or in conditions of sale on our invoices and order acceptances. Conditions and methods of use vary and are beyond the control of ALTIVIA Ketones & Additives, LLC. ALTIVIA Ketones & Additives, LLC, therefore, disclaims any liability incurred as a result of the use of its products in accordance with the data contained herein. No information herein shall be construed as an offer of indemnity for infringement or as a recommendation to use these products in such a manner as to infringe any patent, domestic or foreign.

Revised 08/10/2021