

METHYL ISOBUTYL KETONE

CAS NO. 108-10-1

Product Description	Key Features	Application
<ul style="list-style-type: none"> Methyl isobutyl ketone (MIBK) is a clear, colorless organic liquid compound. MIBK is used as a chemical intermediate, a solvent for manufacturing paints, rubbers, other chemicals, and industrial cleaners. It is used in the semiconductor industry. MIBK is very efficient at dissolving resins used in paints, inks, lacquers, and other types of surface coatings. MIBK is classified as a flammable liquid, can cause serious eye irritation, and is harmful if inhaled. Keep the material away from heat sources, hot surfaces, open flames, and sparks. Use only in a well ventilated area. 	<ul style="list-style-type: none"> Strong polar solvents High solvency Excellent stability Adhesives Active solvent High compatibility Colourless liquid Stable chemical Low density 	<ul style="list-style-type: none"> Paints Rubbers Semiconductor Dissolving resins Lacquers Surface coatings.

***	Typical Value	Unit	Test Based On
Physical state	liquid	-	-
Odour	Characteristic	-	-
Odour threshold	0.5	ppm	
Acidity as Acetic acid	0.005 Max	wt %	SALF METHOD
Auto-ignitation temperature	460	°C	-
	C ₆ H ₁₂ O	-	-
Boiling Point / Boiling range	117-118	°C	-
Color (APHA)	10 Max	-	JIS K0071-1
Distillation test			
BP	114 Min	-	JIS K 0066
DP	117 Max	-	JIS K 0066
Empirical Formula	C ₆ H ₁₂ O	-	-
Flash Point	14	°C	Close cup
Melting point	-84.7	°C	-
PH	Not determine	-	-
Partition coefficient: n-octanol/water (log pow)	1.38	-	-
Purity	99.8 Min	%	SELF METHOD
Relative vapour density (air = 1.0)	3.45	-	-
Specific Gravity @ 20°C/20°C	0.800 – 0.804	-	JIS K 0061
Thermal decomposition	not determined	-	-
Vapour pressure @ 20 °C	2.1	kPa	-
Water	0.1 Max	vol%	JIS K 0068
Water solubility @ 20 °C	19.1	g/l	-

Notes

Typical properties: these are not to be construed as specifications.

¹Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

For additional technical, sales and order assistance please contact our sales representative

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