



## SALES SPECIFICATIONS

**APC Product** : MIBK  
**APC Spec. No.** : 02-003-0  
**Effective Date** : 1 April 2018

### Description

Methyl Isobutyl Ketone, MIBK, a medium boiling ketone is a stable water-white liquid. Like acetone and MEK, it displays strong solvent power for cellulose esters, vinyl polymers and copolymers, and most natural and synthetic resins. MIBK is a medium evaporating solvent with excellent solvency characteristics and with a high tolerance for hydrocarbon diluents.

### Specification

<u>Properties</u>	<u>Unit</u>	<u>Test Method</u>	<u>Value</u>
Purity	% m/m	GC	98.5 min
Colour (Pt-Cobalt)		ASTM D1209	10 max
Density @ 20 °C	g/ml	ASTM D4052	0.799 - 0.803
Water Content	% m/m	ASTM D1364	0.10 max
Distillation, IBP	°C	ASTM D1078	114.0 min
Distillation, DP	°C	ASTM D1078	117.0 max
Acidity as acetic acid	% m/m	ASTM D1613	0.01 max

### Application

MIBK is a natural choice in formulating nitrocellulose lacquer, acrylic, epoxy, polyurethane and vinyl resin coatings. MIBK may be used as a universal thinner for e.g. spray applications. As an extractant, this medium-boiling ketone finds use in the manufacture of antibiotics and in the dewaxing and deoiling of petroleum products.

Other application in clued its use as a component of synthetic rubber cements, adhesives, printing inks, as a carrier for crop protection formulations and as an ethyl alcohol denaturant. It is widely used in the manufacture of dry cleaning preparations, germicides, fungicides, textile coating, leather finishes, electroplating solutions, pharmaceuticals, cosmetics and magnetic tapes.