

TENRYU (THAILAND) CO., LTD.

149/44 Moo 7, Bang Chalong Subdistrict, Bang Phli District, Samut Prakan Province 10540

Tel : +66 2-0058388 Fax : +66 2-0058389 Mobile : +66 64-789-1461

SALES SPECIFICATIONS

Product : MIBK
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.

Note : The Company reserves the right to change the information contained herein without notice.