

METHYL TERTIARY BUTYL ETHER (MTBE)



CAS Number: 1634-04-4

Other Names: 2-Methoxy-2-methylpropane; tert-Butyl methyl ether;
tBME; tert-BuOMe

Formula: C₅H₁₂O

PRODUCT INTRODUCTION

Methyl tertiary butyl ether (MTBE) is a volatile, flammable, and colorless liquid that is sparingly soluble in water. It has a minty smell vaguely reminiscent of diethyl ether. It has a role as a non-polar solvent, a fuel additive and a metabolite.

PHYSICAL AND CHEMICAL PROPERTIES

Purity by GC (% w/w)	99.98 %
Other Organics	0.0122 %
Colour (Pt-Co Scale) (APHA)	2
Water	0.0075 %
Residue on Evaporation	0.0003 %

APPLICATIONS

- Over 90% of methyl tertiary butyl ether (MTBE) production is used in gasoline as an octane booster and oxygenate.
- Methyl t-butyl ether has been used to dissolve gallstones and as a cholesterol control agent in people.
- MTBE can also be used to make high purity isobutylene which is further processed to produce butyl rubber, highly reactive polyisobutylene, methyl methacrylate (MMA) and some smaller derivatives.

PACKING OPTIONS

Drums

To Get a Quote, Email On marketing@sanjaychemindia.com