

DIISOPROPYL ETHER (DIPE)

CAS Number: 108-20-3

Other Names: Isopropyl ether, 2-Isopropoxypropane,
Propane, 2,2'-oxybis-diisopropylether, 2,2'-oxydipropene

Formula: C₆H₁₄O

PRODUCT INTRODUCTION

Diisopropyl ether is secondary ether that is used as a solvent. It is a colorless liquid that is slightly soluble in water, but miscible with organic solvents. It is used as an extractant and an oxygenate gasoline additive. It is obtained industrially as a byproduct in the production of isopropanol by hydration of propene.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear and Free from Suspended Matter
Refractive Index (n _D 20)	1.368
Water	0.003 %
Color (Pt/Co)	5
Acid Content (as Acetic Acid)	0.0001 %
Diisopropyl Ether	99.6 %

APPLICATIONS

- Diisopropyl ether is used as a solvent in the Mining Industries acid cleaning process for extraction of cationic impurities and anionic impurities to a much lesser extent.
- Diisopropyl ether is used as a solvent to separate polonium from lead and bismuth.
- It is also used as solvent base for paints, waxes, dyes and resins.
- Paint thinners and stain removers also contain Diisopropyl ether

PACKAGING OPTIONS

Drums
