

DIISOPROPYL ETHER (DIPE)



CAS Number: 108-20-3

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

Formula: $C_6H_{14}O$

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 (nD20)	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
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PACKAGING OPTIONS

Drums

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