

2-METHYL TETRAHYDROFURAN

Introduction

2-Methyl Tetrahydrofuran (MeTHF) is a versatile solvent and can be used to replace solvents such as Tetrahydrofuran (THF) and Diethyl Ether (DEE) in a number of applications including:

- Grignard Reactions
- Organometallic Reactions
- Biphasic Reactions
- Lithiation

Advantages of MeTHF over THF:

- MeTHF is derived from a renewable resource (corn) and is therefore not linked to the price of oil.
- Easier product extraction due to MeTHF having limited water miscibility (MeTHF creates a water azeotrope).
- Less steps required during extraction resulting in improved extraction yields.
- Solvent recovery and recycling is simple.
- MeTHF has a higher flash point and lower volatility than THF making it safer to use.
- MeTHF reduces VOC emissions due to the higher boiling point (77-79°C).
- MeTHF allows for reaction temperatures to be increased.
- MeTHF has a higher stability in acidic and basic conditions.
- Promptly available in 160kg drums and 18mt bulk isotanks.

Specification for 2-Methyltetrahydrofuran

Appearance:	Colourless clear liquid
Assay (GC):	99.0% Min
Water (KF):	0.03% Max
Antioxidant (BHT):	0.015%-0.040%

FOR A FREE SAMPLE OR QUOTATION
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