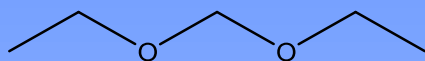


Product Literature



FUTURE SOL[®] DEM

Diethoxymethane

Product Description:

FutureSol[®] DEM is a high purity, clear liquid with an ethereal aroma. Its preparation from renewable resources and the ease of recovery provide for a "green" solvent.

Applications:

- Solvent
- Carrier for Organo-metallics
- Formaldehyde Equivalent
- Ethoxy Transfer Agent

Availability:

- 55 gallon Drums
- Bulk

For More Information:

FutureFuel Chemical Company
Attention: Customer Service
P.O. Box 2357
2800 Gap Road
Batesville, Arkansas 72503
Telephone (870) 698-3000
Fax (870) 698-3095
<http://www.futurefuelcorporation.com>

Physical Properties

Property, Unit	Value
Formula	C ₅ H ₁₂ O ₂
Molecular Weight, g/mol	104.15
CAS Number	[462-95-3]
Appearance	Clear, colorless liquid
Specific Gravity @ 20°/20°C	0.831
Refractive Index	1.3732
Boiling Point, °C	88
Freezing Point, °C	-66.5
Flash Point — Closed Cup, °C	-6
Autoignition Temp., °C	174
Vapor Pressure @ 25°C, mm Hg	60
Evaporation Rate (n-butyl acetate =1)	0.25
Vapor density (air =1)	3.6
Surface Tension @ 20° C, dynes/cm	21.18
Water Solubility @ 25° C, %	4.2
Dielectric Constant @ 20°C	2.53
Viscosity @ 20°C	0.4

Typical Specifications

(Data is representative of average lots; data taken from specific lots may vary.)

Assay, % DEM	≥99.65
Water, %	≤0.05
Ethanol, %	≤0.03
Specific Gravity @ 20°/20°C	0.829 to 0.832
BHT, ppm	50 to 150

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