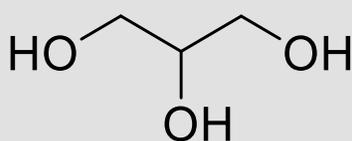


FutureSol[®] Refined Glycerin



Product Description:

FutureSol[®] Refined Glycerin is a high purity, water white, viscous liquid prepared from renewable sources.

Applications:

- Polyurethane foam manufacturing
- Humectant
- DfE approved solvent
- Lubricant/Plasticizer

Product Availability:

- Rail Cars
- Bulk Trucks
- Totes
- Drums

Property, Unit	Value
Formula	C ₃ H ₈ O ₃
Molecular Weight, g/mol	92.09
CAS Number	[56-81-5]
Appearance	Water white, viscous liquid
Density @ 25°C, g/mL	1.2568
Boiling Point, °C (760 mm)	290
Flash Point—Closed Cup, °C	>195°C
Surface Tension @ 20°C, dynes/cm	63
Vapor Pressure @ 50°C and 100°C, mm Hg	0.0025 and 0.195
Viscosity, cP 20°C	1215
Refractive Index, 20°C	1.473

Specifications:

Property, Unit	Value
Glycerin, assay %	≥ 99.5
Water, weight %	≤ 0.5
Chloride, ppm	≤ 10
Sulfate, ppm	≤ 20
Residual on Ignition, ppm (Ash)	< 100
APHA Color	< 20
Specific Gravity, 25°C	≥ 1.26

For More Information:

FutureFuel Chemical Company

Attention: Customer Service
 2800 Gap Road/P.O. Box 2357
 Batesville, AR 72501
 Phone: 870-698-3000
 Email: info@ffmail.com
www.futurefuelcorporation.com

This document, or any answers or information provided herein by FutureFuel Chemical Company, do not constitute a legally binding obligation of FutureFuel Chemical Company. While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, they are provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. It does not relieve our customers from obligation to perform a full inspection of the products upon delivery or any other obligation. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION OR THAT ANY OF THE FOREGOING MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE.