

DIPROPYLENE GLYCOL



CAS Number: 25265-71-8

Other Names: 1,1'-Oxybis(2-propanol); 4-Oxa-2,6-heptandiol; Oxybispropanol

Formula: C₆H₁₄O₃

PRODUCT INTRODUCTION

Dipropylene glycol is a mixture of three isomeric chemical compounds, 4-oxa-2,6-heptandiol, 2-(2-hydroxy-propoxy)-propan-1-ol, and 2-(2-hydroxy-1-methyl-ethoxy)-propan-1-ol. It is a colorless, nearly odorless liquid with a high boiling point and low toxicity.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Viscous Liquid
Moisture	0.12 %w/w
MPG	0.40 %w/w
DPG	99.60 %w/w
TPG + Residue	NT
Odor	Pass
Color	10 APHA
Iron (Fe)	NT

APPLICATIONS

- Dipropylene glycol finds many uses as a plasticizer, an intermediate in industrial chemical reactions, as a polymerization initiator or monomer, and as a solvent.
- Its low toxicity and solvent properties make it an ideal additive for perfumes and skin and hair care products.
- It is also a common ingredient in commercial fog fluid, used in entertainment industry fog machines

PACKAGING OPTIONS

Drums

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