



Di Propylene Glycol (DPG)

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Catalog Nr. Q177

Definition is the name given to a mixture of two isomeric chemical compounds, 4-oxa-2,6-heptandiol and 4-oxa-1,7-heptandiol. It is a colorless, nearly odorless liquid with a high boiling point and low toxicity

Other names: 1,1'-Oxybis(1-propanol) and 1,1'-Oxybis(2-propanol)

CAS Number 25265-71-8

Application Solvent for vinyl resins and acetylene, butadiene, acid gases; polyacrylic fibers; catalyst in carbonylation reactions; organic synthesis; carrier for gases.

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

Technical Data

Appearance	colorless liquid
Density	1.0206 g/cm ³ at 20°C
Boiling point	230.5°C[1]
Solubility in water	miscible with water, soluble in ethanol
Related compounds	Ethylene glycol, Propylene glycol
Flash Point:	138 deg C (280.40 deg F)
Vapor Pressure:	0.03 mm Hg @ 25 deg C
Vapor Density:	4.63
Solubility:	Miscible.
Specific Gravity/Density:	1.020
Molecular Formula:	C ₆ H ₁₄ O ₃
Molecular Weight:	134.18

Packaging & Handling 215 kg drums; 80drums per 20' FCL

UN Number	Class	Packaging Group
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Remarks