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 Revision No : 4

Product Name

DIPROPYLENE GLYCOL (Technical Grade)	$ \begin{array}{c} \text{CH}_3 \qquad \qquad \text{CH}_3 \\ \qquad \qquad \qquad \\ \text{HO}-\text{CH}-\text{CH}_2-\text{O}-\text{CH}_2-\text{CH}-\text{OH} \end{array} $	MOL.Wt. 134.157 g
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Product Description

A clear, hygroscopic liquid having characteristic odour and low volatility.

Applications

DIPROPYLENE GLYCOL is a solvent used in steam set printing inks and in processes to extract aromatics from hydrocarbon mixtures, a raw material in the preparation of plasticizers and polyester resins and a solvent and coupling agent in hydraulic fluids and textile lubricants.

Specifications (as per IS: 13702-1993)

Characteristics	Unit	Specification
Colour & Appearance	---	Clear, colourless liquid
Moisture	%w/w	0.2 Max
Assay by GLC as Dipropylene glycol	%w/w	98.0 Min.
Odour	---	To pass the test

Properties

Specific gravity, 20/20 °C 1.020 – 1.025 ; Boiling Range 222 – 240 °C; Flash point PMCC 127 °C ; Viscosity at 20 °C 100 cps

Packaging Size

215 kg Nett

Storage and Handling

- DIPROPYLENE GLYCOL (TECHNICAL GRADE) is stable over long periods of storage.
- Store in dry, cool locations.
- Being a hygroscopic material must be kept air tight containers
- Shelf life : 2 years

Health and Safety Advice

DIPROPYLENE GLYCOL (TECHNICAL GRADE) should present no unusual health problems when used in manufacturing operations. Precautions should be taken to avoid exposure to the eye or prolonged contact with the skin.

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