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Product Name

PROPYLENE GLYCOL IG

Product Description

Propylene Glycol I.G. is a clear, colorless and sulphur free liquid. It is used as a basic raw material for unsaturated polyester resins and polyols. It is also used as a chemical intermediate for brake fluids, coupling agents, and plasticizer for adhesives, cork and paper products, low toxicity coolants, heat transfer medium, lubricants, surfactants and deicing fluids.

Specifications (as per IS: 13702-1993)

Characteristics	Unit	Specification
Appearance	----	Clear liquid
Color	APHA	10 Max
Freezing point	°C	< -60
Flash Point	°C	99
Distillation Range	°C	184- 189
Viscosity @ 25° C	cps	46
Specific Gravity@ 25° C	----	1.035 – 1.040
Water	% w/w	0.2 max.
Purity as C ₃ H ₈ O ₂ by GLC	% w/w	184 – 189
Specific Gravity@ 25° C	----	1.035 – 1.040
Purity as C ₃ H ₈ O ₂ by GLC	----	99.5 min
Suspended matter	----	Substantially free
Solubility in water	----	Complete

Packaging Size

215 Kg

Storage and Handling

- PROPYLENE GLYCOL IG is stable over long periods of storage. Store in a room temperature, well ventilated area in sealed containers. Store away from strong oxidizing agent or combustible material. Keep away from UV light as this may adversely affect the quality.
- Shelf life: 5 years

Health and Safety Advice

PROPYLENE GLYCOL IG should present no unusual health problems when used in manufacturing operations where satisfactory standards of personal and industrial hygiene are maintained. Precautions should be taken to avoid exposure to the eye or prolonged contact with the skin.

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