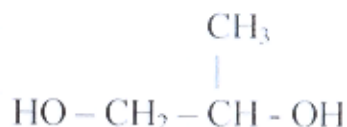




PRODUCT DATA SHEET



PROPYLENE GLYCOL - BP

DESCRIPTION

Propylene Glycol – British Pharmacopoeia Grade meets the requirement of the British Pharmacopoeia. It is a clear, colourless liquid, used as a solvent in the extraction of crude drugs. It is also used in liquid preparations in pharmaceutical industry. A solvent for flavors, extracts, drug and food anti-oxidants; a heat transfer medium; an emollient and humectant and plasticizers for tobacco products, baked foods, coconut, cellophane, adhesives and paper products. It is used as an inhibitor of fermentation and mold growth.

SALES SPECIFICATION:

S.No	Characteristics	Unit	Specification
1	Description	--	Clear, colourless, viscous hygroscopic liquid.
2	Solubility	--	Miscible with water & Alcohol
3	Identification A) relative density @ 20 °C B) refractive index @ 20 °C C) Boiling point D) Crystals Melting point	-- °C °C	1.035 to 1.040 1.431 to 1.433 184 to 189 123 to 128
4	Appearance	-	It is clear and colourless
5	Relative density at 20 °C	--	1.035 – 1.040
6	Acidity	--	NMT 0.05ml of 0.1 M Sodium hydroxide is required
7	Refractive index at 20°C	--	1.431 – 1.433
8	Heavy metals	ppm	NMT 5
9	Oxidising substances	--	NMT 0.2ml of 0.05 M sodium thiosulphate is required.
10	Reducing substances	--	The solution does not change its appearance
11	Sulphated ash	% w/w	NMT 0.01 determined on 50g
12	Water	% w/w	NMT 0.2 determined on 5g
13 *	Additional test Purity as C ₃ H ₈ O ₂	% w/w	99.5 Minimum

This specification is as per B.P.

* This is an additional requirement as per USP.

PACKING SIZE: 215 kg Nett

STORAGE AND HANDLING

PROPYLENE GLYCOL – BP is stable over long periods of storage. Store in dry cool locations. Being an hygroscopic material it should be kept air tight.

➤ Shelf life : 5 years

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