



PRODUCT SPECIFICATIONS

Product Name:	Propylene Glycol USP
Approved & authorized by:	

SECTION A:

Tests	Specifications	Units
Description	Clear, colourless and viscous liquid.	N/A
Odour	Odourless	N/A
Solubility	Completely soluble in water	N/A
Density @20°C	1.038	mg/ml
Refractive Index	1.433	N/A
Water	NMT 0.2	% m/m
Acidity as Acetic Acid	NMT 0.01	% m/m
Assay	NLT 99.8	%m/m

NMT: not more than	NLT: not less than	ND: not detected	N/A: not applicable
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SECTION B:

Characteristics:	Biological	N/A
	Physical	Clear, viscous liquid
	Chemical	Clear, colourless, very low toxicity liquid
Composition of formulated ingredients including additives and processing aids:	Propylene glycol	
Origin:	Petrochemical industry	
Method of production:	Reaction of Propylene Oxide and Water using an acid catalyst.	
Packaging material and method:	1l,5l,25l – HDPE packaging	
Storage conditions:	Should be stored in well closed containers away from sources of UV light.	
Shelf life:	12 months from opening of sealed package.	
Product specification:	Refer to Section A – product specifications	
Intended use:	Pharmaceutical, Food, Cosmetic, Personal Care	
Statutory and Regulatory Requirements:	-Foodstuffs, Cosmetics and Disinfectant Act 54 of 1972 (as amended) --Occupational Health and Safety Act 85 of 1993 (Hazardous Substances Regulations) -United Nations -Globally Harmonised System of Classification and Labelling of Chemicals (GHS) -Applicable legislation that may apply in the country receiving the final product	

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