

PRODUCT SPECIFICATIONS

Product name:	Synthetic Ethanol 99.9 % Undenatured
Approved & authorized by:	

SECTION A:		
Tests	Specifications	Units
Description	Clear and bright	N/A
Odour	Typical. No extraneous odour	N/A
Solubility	Miscible with water, ether and chloroform.	N/A
Density @20°C	NMT 0.789	g/ml
Aldehydes	NMT 10	ppm
Esters as ethyl acetate	NMT 50	ppm
Methanol	NMT 20	ppm
Higher Alcohols as iso-butanol	NMT 10	ppm
Assay	NLT 99.99	%v/v

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, colourless liquid, free from foreign particles
	Chemical	Flammable liquid
Composition of formulated ingredients including additives and processing aids:	Ethanol, Methanol, Esters and Higher Alcohols	
Origin:	Synthetic	
Method of production:	Distillation/ Synthesis from gas, coal or petroleum.	
Packaging material and method:	1l,5l,25l HDPE packaging	
Storage conditions:	Store in a well -ventilated place. Keep away from oxidants and strong acids. Store away from sources of heat or ignition. Storage tanks should have electrical bonding.	
Shelf life:	12 Months from date of manufacture	
Product specification:	Refer to Section A – product specifications	
Intended use:	Industrial, Pharmaceuticals, Cosmetics.	
Statutory and Regulatory Requirements:	<ul style="list-style-type: none"> -Foodstuffs, Cosmetics and Disinfectant Act 54 of 1972 (as amended) -South African National Standard 10229, 10231,1518 -Hazardous Substances Act 15 of 1973 -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 	