



PRODUCT SPECIFICATIONS

Product name:	Organic Ethanol 96.4% Denatured
Approved & authorized by:	

SECTION A:		
Tests	Specifications	Units
Description	Clear, colourless, volatile liquid.	N/A
Odour	Typical.	N/A
Solubility	Miscible with water, ether and chloroform.	N/A
Density @20°C	NMT 0.8056	g/ml
Aldehydes as Acetaldehyde	NMT 4	ppm
Esters as ethyl acetate	NMT 30	ppm
Methanol	NMT 30	ppm
Higher Alcohols	NMT 5	ppm
Denatonium Benzoate	NMT 10	ppm
Tertiary Butyl Alcohol	NMT 0.01	%v/v
Assay	NLT 96.4	%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:	Aldehydes, Ethanol, Methanol, Esters and Higher Alcohols, Denatonium Benzoate, Tertiary Butyl Alcohol	
Origin:	Agricultural by-product	
Method of production:	Fermentation	
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:	-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	
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