

PRODUCT SPECIFICATIONS

Product Name:	Acetone
Approved & authorized by:	

SECTION A:

Tests	Specifications	Units
Description	Clear, colourless liquid	N/A
Odour	Characteristic	N/A
Solubility	Miscible with water and other common organic solvents	N/A
Density @20°C	0.7894	g/ml
Water	NMT 0.30	%m/m
Acidity as Acetic Acid	NMT 20	ppm
Methanol and Ethanol	NMT 200	ppm
DAA (Diacetone Alcohol)	NMT120	ppm
Benzene	NMT 0.8	ppm
MEK (Methyl Ethyl Ketone)	NMT 20	ppm
Assay	NLT 99.9	%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, colourless liquid
	Chemical	Flammable liquid
Composition of formulated ingredients including additives and processing aids:	Acetone, Methanol, Ethanol, DAA, MEK, Benzene	
Origin:	Industrial acetone is usual a by-product of a petro-chemical process.	
Method of production:	Acetone is mainly manufactured from Isopropyl Alcohol or Propane-2-ol from the petroleum industry or as a by-product from Phenol production.	
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, cosmetic	
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.	

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	<ul style="list-style-type: none">-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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