



ILLOVO SUGAR (SOUTH AFRICA) (PTY) LTD MREBANK

PRODUCT SPECIFICATION – ANHYDROUS ALCOHOL

REVISION:

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TESTS	SPECIFICATION						
Description	A clear, colourless, volatile liquid, free from foreign particles.						
Odour	Characteristic and spirituous.						
Solubility	Miscible with water, ether and chloroform.						
Identification	Yellow precipitate is produced.						
Density @ 20°C	NMT 0.7900 g/ml						
Acidity	NMT 30 ppm						
Water Content	NMT 0.08 % m/v						
Non-volatile impurities	NMT 25 ppm						
Aldehydes	NMT 5 ppm						
Esters	NMT 30 ppm						
Methanol	NMT 50 ppm						
Higher Alcohols	NMT 5 ppm						
Cyclohexane	NMT 5 ppm						
Benzene	For information only						
UV Absorbance	WAVELENGTH ABSORBANCE: <table><tr><td>240 nm</td><td>0.40 Maximum</td></tr><tr><td>250 – 260 nm</td><td>0.30 Maximum</td></tr><tr><td>270 – 340 nm</td><td>0.10 Maximum</td></tr></table> <p>The curve should be smooth between 235 & 340nm.</p>	240 nm	0.40 Maximum	250 – 260 nm	0.30 Maximum	270 – 340 nm	0.10 Maximum
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Assay	NLT 99.9 % v/v						

PRODUCT SPECIFICATIONS

1. METHOD OF PRODUCTION	Fermentation and Distillation of Sugarcane molasses
2. PACKAGING MATERIAL AND METHOD	Bulk and drums (road and sea transport)
3. STORAGE CONDITIONS	a) Store in a well ventilated area and in a closed system. Keep away from heat, sparks, open flames, hot surfaces and no smoking allowed near the Product. b) Storage temperature >40°C should be avoided.
4. SHELF LIFE	One year from the date of manufacture

5. PREPARATION AND HANDLING BEFORE USE OF PROCESSING	a) Take measures to prevent electrostatic charges (eg. Grounding when transferring/filling). b) Containers must be labelled properly. c) Storage tanks should have equipotential electrical bonding and be earthed. d) Keep away from strong oxidising agents, acids and alkali metals.
6. INTENDED USE	Applications and use in Pharmaceuticals, chemical/solvent extractions, intermediate and formulations, fuels, functional fluids, coatings, de-icing and anti-icing applications, industrial applications and consumer applications. This product is not intended for direct consumption by the user.

Please refer to the Safety Data Sheet for further information.