



PRODUCT DESCRIPTION

A tan coloured, viscous, non-diastatic liquid with a sweet malty flavour manufactured from pure barley & malt.

PRODUCT SPECIFICATION

Soluble Solids (% Brix)	78 – 80	Total Count (cfu / g)	< 10 000
Colour (EBC)	7 – 12	Yeast (cfu / g)	< 100
pH	5.0 – 6.0	Mould (cfu / g)	< 100
Reducing Sugars	40 – 65	Coliforms (cfu / g)	< 10
Maltose (% Total Sugars)	35 – 45		

TYPICAL ANALYSIS

PHYSICAL

Refractive Index	1.38 – 1.49
Specific Gravity	1.39 – 1.41
Water Activity	0.70 – 0.75
Viscosity (cps at 25°C)	35 000 – 40 000

MICROBIOLOGICAL

E. Coli	Negative in 10g
Salmonella	Negative in 100g
S. aureus	Negative in 100g

NUTRIENTS

	<u>Per 100g</u>
Protein (N x5.70)	5 g
Carbohydrates	75 g
Moisture	20 - 22 g
Ash	2 g
Energy	1 300 kJ

VITAMINS

	<u>Per 100g</u>
B1	0.51 mg
B2	0.40 mg
B6	0.85 mg
B12	6.90 µg
Niacin	9.80 mg
Pantothenic Acid	0.42 mg
Folic Acid	58.00 µg

SUGAR PROFILE

	<u>% TOTAL SUGARS</u>
Maltose	35 – 45
Maltotriose	10 – 15
Glucose	5 – 10
Oligosaccharides	25 – 30
Other Saccharides	10 – 15

MINERALS

	<u>Per 100g</u>
Magnesium	93.00 mg
Iron	0.65 mg
Calcium	162.00 mg
Zinc	0.13mg
Heavy Metals	< 1 ppm

SHELF LIFE AND STORAGE

Stored under normal ambient conditions (typically not more than 30°C), product packed in drums will remain stable for at least 12 months. Avoid exposure to sunlight and excessive temperature changes which may lead to condensation and product damage. The product contains no preservatives and may be susceptible to contamination once the container is opened.

Cereal and Malt

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PACKAGING

38 kg Plastic Drums, 300 kg Steel Drums, Bulk (on request)

LABELLING

Each package carries a label indicating the product name, the production batch number, the date of manufacture and the expiry date.

CERTIFICATIONS

The product is certified Halaal and Kosher and is GMO free

DISTRIBUTION

The product does not require specialized distribution conditions and may be distributed through normal distribution channels.

REGULATORY REQUIREMENTS

The product conforms to Food Chemicals Codex CAS [8002-48-0] and complies with the requirements of the Foodstuffs, Cosmetics and Disinfectants Act no. 54 of 1972 and regulations promulgated under the Food, Drug and Disinfectants Act no. 13 of 1929.

INTENDED USE

Although the product has a pleasant taste and may be consumed directly, it is used primarily by food manufacturers as an ingredient in their recipes and formulations. The product is also used by pharmaceutical manufacturers as a carrier for medications.

ALLERGENS

The product contains Gluten

Country of Origin

The product is of South African Origin

For further information, contact mail@cerealandmalt.com

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