



Data Sheet

MAGOX^R
MAGNESIUM OXIDE

DESCRIPTION :-

Caustic Magnesia produced from lightly calcined magnesite.

CHEMICAL ANALYSIS % :-

	Typical	
MgO	: 90,60%	Min 85%
SiO ₂	: 2,70%	Max 5%
Fe ₂ O ₃	: 0,40%	Max 1,8%
CaO	: 1,40%	Max 2,5%
LOI	: 2,90%	Max 6%
Al ₂ O ₃	: 0,01%	Max 1%

PHYSICAL PROPERTIES :-

Grading	:	Powder >95% passing 75um (200#) Fine +0,1- 1.0 mm (De-dusted) Lump +5 - 20mm
Registration number	:	V10846 / B2841
pH	:	9,3
Tap density	:	0.9 g/cc
Reactivity	:	80% converted to MgOH in 3 hours @ 90°C
Magnesium content	:	50% minimum
Colour	:	Off-white, beige
Packing	:	25 kg bags

USES :-

Refractories, fertilizer, feed supplement, water treatment, paper manufacture, industrial chemicals, brake linings.

MAGOX IS A REGISTERED TRADE MARK OF OPTIMIN (SA)

Completed :	T Carolin	Approved By _____	Approved :	S. Gregory
Title:	Quality Manager		Title :	Director
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