



Data Sheet

**OPTIMAG 93 (TM)
MAGNESIUM OXIDE**

DESCRIPTION :-

Caustic Magnesia produced from lightly calcined magnesite.

CHEMICAL ANALYSIS % :-

		Typical			
MgO	:	94,8	>93	BaO	Nil
SiO ₂	:	0,64	< 1	SO ₄	Nil
Fe ₂ O ₃	:	0,32	< 0,25		
CaO	:	2,20	< 2.8		
LOI	:	2,90	< 5		
Al ₂ O ₃	:	0,03	< 0,04		
Chlorides	:	Trace	< 0,5		

PHYSICAL PROPERTIES :-

Grading	:	Powder 100% passing 90 um d50= 10um
Specific surface area	:	20-100 m ² /g
Registration number	:	V10846
pH	:	9,3
Tap density	:	0.7 g/cc
Citric Acid Reactivity	:	40-60 secs @ 30 deg C
Magnesium content	:	56% minimum
Colour	:	White / Off-white
Packing	:	1mt /25 kg bags

USES :-

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

OPTIMAG 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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