



Queensland Magnesia Pty Ltd  
ABN 43 010 823 588

# EMAG<sup>®</sup> 500

## Magnesium Oxide



### Chemical Analysis

Loss Free	Typical %
MgO	94.8
SiO <sub>2</sub>	1.94
CaO	2.71
Al <sub>2</sub> O <sub>3</sub>	0.18
Fe <sub>2</sub> O <sub>3</sub>	0.23
Mn <sub>3</sub> O <sub>4</sub>	0.14

As Received	Typical
Mg (%)	56.5
As (ppm)	<5
Hg (ppm)	<0.1
Pb (ppm)	<3
Cd (ppm)	<0.5
Fluoride as F (ppm)	<500
Loss on Ignition	1.2

### Physical Properties

	Typical
% passing 500µm	100
Citric Acid Reactivity @ 30°C (seconds)	120
Specific Surface Area (m <sup>2</sup> /g)	32
Loose Fill Density (kg/m <sup>3</sup> )	630

### Product Description

EMAG<sup>®</sup> 500 is calcined natural magnesium oxide manufactured from Queensland Magnesia's high quality cryptocrystalline magnesite deposit. EMAG<sup>®</sup> 500 is a non-toxic, pale pink, fine powder. It is characterised by high magnesium content and neutralising properties.

### Typical Uses

- Water Treatment
- Fertiliser
- Animal Health

### Typical Packaging

EMAG<sup>®</sup> 500 is available:

- 1 tonne bulk bags
- Bulk loose in container or truck

### Product Storage

Store in a cool, dry, well ventilated area.

The physical and chemical properties and specifications contained herein represent typical average results obtained using industry accepted standard test methods, and are carried out under controlled conditions and are subject to normal manufacturing variations. QMAG reserves the right to modify the properties and specifications at any time without prior notice. Refer to MSDS for Caustic Calcined Magnesia.

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