



Queensland Magnesia Pty Ltd
 ABN 43 010 823 588

EMAG[®] 45



Chemical Analysis

	Typical %
MgO (by difference)	95.5
SiO ₂	1.30
CaO	2.70
Al ₂ O ₃	0.15
Fe ₂ O ₃	0.18
Mn ₃ O ₄	0.12

Physical Properties

Sizing	Typical
d90	35 µm
+ 45 µm	5 %
*Reactivity @ 30°C (Citric Acid Neutralization)	< 40 seconds
Neutralising Value (g/g) (Pure CaCO ₃ = 100)	240

* Citric acid reactivity - Internal test method

Product Description

EMAG[®] 45 is calcined natural magnesium oxide manufactured from Queensland Magnesia's high quality cryptocrystalline magnesite deposit. **EMAG[®] 45** is a non-toxic, pink, free flowing, fine powder. It is characterised by good reactivity, tightly controlled sizing, high magnesium content and strong neutralising properties.

Typical Uses

- Hydrometallurgical applications
- Water Treatment
- Fertiliser
- Animal Health
- Paper Bleaching

Typical Packaging

EMAG[®] 45 is available:

- 20kg bags
- 1 tonne bulk bags
- Bulk loose in container or truck

Product Storage

Store in a cool, dry, well ventilated area.

Queensland Magnesia Pty Ltd

9 Sherwood Road
 Toowong, Queensland 4066
 AUSTRALIA

Telephone: +61 7 3331 3400
 Email: cbougoure@qmag.com.au

Australia and New Zealand
 Americas
 Japan, India and Malaysia
 Africa (CCM only)

Q MAG Europe GmbH

Koenigstrasse 84-96
 23552 Lübeck
 GERMANY

Telephone: +49 451 2927 4250
 Email: gmw@qmag.com.au

Europe
 Middle East
 Africa (DBM and EFM only)

Q MAG (Shanghai) Trading Co., Ltd.

Suite 2408-10 CITIC Square
 1168 Nanjing West Road Shanghai 200041
 CHINA

Telephone: +86 21 5292 5210
 Email: brucexu@qmag.com.au

Asia (excl Japan, India and Malaysia)



Quality
 ISO 9001



This data contains typical properties only and should not be used for specification purposes. Refer to MSDS for Caustic Calcined Magnesia.