

Product Specification

Product Name: **MAGNESIUM OXIDE Light AR**

Alternate Name(s) Magnesium (II) oxide; magnesia.

Description

Light fluffy white powder.

Properties

Chemical Formula: MgO

Molecular Weight: 40.3

Product Code: MA030

CAS No. 1309-48-4

General Information:

Slightly soluble in water. Soluble in acids and ammonium salt solution. Incompatible with acids and interhalogens; reacts violently with chlorine trifluoride and PCl₅. Non combustible.

Quality Specification

Assay: 98.0% min.

Specific Properties and Impurities [Typical levels]:

Acid insolubles	≤ 0.1%
Sulfate (SO ₄)	≤ 1.0%
Chloride (Cl)	≤ 0.15%
Iron (Fe)	≤ 0.1%
Arsenic (As)	≤ 0.0003%
Loss on ignition	≤ 5.0%

Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	1CH43
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	N/A

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**38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au**

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