



Product Specification

Product Name: MAGNESIUM HYDROXIDE LR

Alternate Name(s) Milk of magnesia; Magnesia magma; Magnesium hydrate.

Description

White powder. Odourless.

Properties

Chemical Formula: $Mg(OH)_2$

Molecular Weight: 58.32

Product Code: ML010

CAS No.: 1309-42-8

General Information:

Almost insoluble in water. Soluble in solution of ammonium salts and dilute acids.
Almost insoluble in alcohol. Incompatible with strong acids, strong oxidizing agents.
Non combustible.

Quality Specification

Assay: 96.0% min

Specific Properties and Impurities [Typical levels]:

Calcium (Ca)	0.3%
Iron (Fe)	0.01%
Sulfate (SO ₄)	0.1%
Chloride (Cl)	0.1%
Acetic acid insolubles	0.1%

Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	1CH41
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	N/A

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