



Product Specification

Product Name: **MAGNESIUM CARBONATE Heavy LR**

Alternate Name(s) Magnesium hydroxide carbonate heavy; Magnesite.

Description

White, odourless powder.

Properties

Chemical Formula: ~ 3.2MgCO₃ • Mg(OH)₂ • 3.2H₂O

Molecular Weight: 383.32

Product Code: ML038

CAS No. 39409-82-0

General Information:

Very slightly soluble in water. Insoluble in alcohol, acetone and ammonia. Soluble in, but incompatible with acids. May cause discomfort and diarrhoea if swallowed. Non combustible material.

Quality Specification

Assay: (MgO, %) 40.0 - 43.5 %

Specific Properties and Impurities [Typical levels]:

Decomposition Temp.	350 °C
Specific Gravity	2.958
Soluble salts	≤ 1.0%
Acid Insoluble Substances	≤ 0.05%
Heavy metals	≤ 0.003%
Arsenic	≤ 0.0004%
Iron	≤ 0.02%
Calcium	≤ 0.45%
Microbial limit	negative
Bulk density	0.50 g/ml

Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	1CH3Z
Poison schedule:	Not Scheduled
Emergency	
Procedure Guide No.:	N/A

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