



Product Specification

Product Name: **MAGNESIUM CITRATE Nonahydrate LR**

Alternate Name(s) Magnesium citrate tribasic; tri magnesium citrate nonahydrate.

Description

White or off-white fine granular. Practically odorless. Water soluble.

Properties

Chemical Formula: $Mg_3(C_6H_5O_7)_2 \cdot 9H_2O$

Molecular Weight: 613.28

Product Code: ML133

CAS No. 153531-96-5

General Information:

May be harmful if swallowed. Irritating to eyes, respiratory system and skin.
Hazardous decomposition products: toxic fumes of carbon monoxide and carbon dioxide, magnesium oxide. Store in cool, dry place in well-closed containers.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: N/A

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: (as Mg) on dried basis: 14.5-16.4%

Specific Properties and Impurities [Typical levels]:

pH Value	5.0 - 9.0
Heavy Metals (as Pb)	≤ 0.005 %
LOD	≤ 29 %
Chlorides	≤ 0.05%
Sulfates	≤ 0.2%
Arsenic	≤ 0.0003%
Iron	≤ 0.02%
Calcium	≤ 1.0%

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