



Product Specification

Product Name: MAGNESIUM NITRATE Hexahydrate LR

Alternate Name(s) MAGNESIUM NITRATE

Description

Colourless or white crystals.

Properties

Chemical Formula: $Mg(NO_3)_2 \cdot 6H_2O$

Molecular Weight: 256.41

Product Code: ML041

CAS No.: 13446-18-9

General Information:

Soluble in water. Freely soluble in alcohol. Incompatible with reducing agents, acids and metal powders. May be harmful.

Hazard and Safety Data

UN Group:

Class:

UN Number:

Hazchem code:

CS MSDS Code: 1CH42

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.:

Quality Specification

Assay: 97.0% min.

Specific Properties and Impurities [Typical levels]:

Decomposition Temp.	330 °C
Specific Gravity	1.6363 @ 20 °C
Chloride (Cl)	0.005%
Sulfate (SO4)	0.2%
Heavy metals (as Pb)	0.002%
Iron (Fe)	0.005%

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