



# Product Specification

## Product Name: MAGNESIUM CHLORIDE Hexahydrate LR

Alternate Name(s) Magnesium Chloride

### Description

Colourless or white crystals. Deliquescent. Loses 2H<sub>2</sub>O at 100 °C; if heated rapidly melts at 116-118°C.

### Properties

Chemical Formula: MgCl<sub>2</sub>•6H<sub>2</sub>O

Molecular Weight: 203.3

Product Code: ML029

CAS No.: 7791-18-6

### General Information:

Soluble in water and alcohol. Aqueous solution is neutral. Decomposes to oxychloride. Non combustible material.

### Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH40

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Not classified as a hazardous chemical according to the criteria of Safe Work Australia.

### Quality Specification

Assay: 98.0-101.0%

### Specific Properties and Impurities [Typical levels]:

Sulfate (SO <sub>4</sub> )	0.01%
Arsenic (As)	0.0005%
Calcium (Ca)	0.1%
Iron (Fe)	0.001%

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