



Product Specification

Product Name: MAGNESIUM SULFATE, Dried, Powder LR

Alternate Name(s) Epsom salts; bitter salts.

Description

Colourless, crystals or white powder; almost odourless. Hygroscopic.

Properties

Chemical Formula:

Molecular Weight: 120.37

Product Code: ML073

CAS No. 7487-88-9

General Information:

Freely soluble in water more rapidly soluble in hot water. Soluble in glycerol. Sparingly soluble in alcohol. Incompatible with strong oxidising agents, ethoxy ethyl alcohols, arsenates, phosphates, tartrates, lead, barium, strontium and calcium.

Quality Specification

Assay: 62.0 - 70.0%w/w (as MgSO₄)

Specific Properties and Impurities [Typical levels]:

Insoluble matter	Passes test
Chloride (Cl)	≤ 0.04%
Arsenic (As)	≤ 0.0003%
Iron (Fe)	≤ 0.003%

Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	1CH44
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	N/A

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