



$\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ Magnesium Sulfate Heptahydrate

CAS Number: 10034-99-8

DESCRIPTION

Magnesium Sulfate Heptahydrate is a high-purity magnesium fertiliser and industrial chemical providing an excellent source of magnesium and sulphur. The product offers excellent water solubility and is widely used in fertiliser blends, agricultural formulations, industrial processing, and specialty chemical applications.

KEY FEATURES

- High magnesium content
- Excellent sulphur source
- High purity crystalline grade
- Excellent water solubility
- Low impurity levels
- Suitable for fertiliser and industrial applications

APPLICATIONS

- Fertiliser blends
- Agricultural formulations
- Crop nutrition programmes
- Water-soluble fertilisers
- Industrial processing
- Paper and textile applications
- Chemical manufacturing

TYPICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Appearance	White Crystal
Main Content, %	≥99.0
Magnesium (Mg), %	≥9.5
Sulphur (S), %	≥12.8
Magnesium Oxide (MgO), %	≥16.0
pH	4.5 – 6.5
Chloride (Cl ⁻), ppm	≤150
Iron (Fe), ppm	≤15
Heavy Metals (Pb), ppm	≤8
Arsenic (As), ppm	≤2
Water Insoluble Matter, ppm	≤10
Moisture, %	≤3.0
Particle Size, mm	0.1 – 1.0





**LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.**

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This document is subject to revision without notice as new data becomes available.

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PACKAGING

Available in 25 kg bags, 500 kg bags, 1000 kg jumbo bags, and customised bulk packaging upon request.

STORAGE & HANDLING

Store in a cool, dry, and well-ventilated environment away from moisture and direct sunlight. Keep packaging tightly sealed when not in use.

SAFETY

Refer to the Safety Data Sheet (SDS) for detailed safety, handling, and regulatory information.