

 $MgSO_4$

Magnesium Sulfate



PRODUCT DESCRIPTION

Magnesium sulfate delivers two nutrients crops frequently run short on, in a form that dissolves readily and is immediately plant-available. Magnesium sits at the center of the chlorophyll molecule, so deficiency shows up fast as interveinal yellowing — and sulfur demand has risen as atmospheric deposition has fallen.

TYPICAL SPECIFICATIONS

PROPERTY	VALUE	BASIS
Chemical formula	MgSO ₄ (heptahydrate typical)	Per standard
Purity	99% minimum typical	Typical
Magnesium as MgO	16% typical (heptahydrate)	Typical
Sulfur as S	13% typical (heptahydrate)	Typical
Appearance	White crystalline granular	Typical
Grades available	Granular · Fine crystal	Typical

PRINCIPAL INDUSTRIAL APPLICATIONS

-  **Agriculture**
Corrects magnesium and sulfur deficiency in row crops, vegetables, and citrus — applied to soil or as a foliar spray for rapid uptake.
-  **Fertigation & Specialty**
High solubility makes it well suited to drip and pivot fertigation systems and to greenhouse nutrient programs.
-  **Industrial Processing**
Feedstock across pharmaceutical, textile dyeing, and general chemical manufacturing where soluble magnesium is required.

PACKAGING & AVAILABILITY

- 50 lb bags

HANDLING & STORAGE

Low hazard. Store dry and sealed to prevent caking and moisture loss from the hydrate.

A Safety Data Sheet (SDS) is available for this product on request and should be reviewed before handling.

ORDERING & TECHNICAL SUPPORT

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IMPORTANT NOTICE

The information in this data sheet is provided in good faith and is believed accurate at the date of issue. Values marked "Typical" represent commercial norms and are not a specification; the certificate of analysis for your specific shipment governs. Values marked "Per standard" are requirements of the cited standard. Mix Minerals makes no warranty, express or implied, regarding suitability for any particular application. The user is responsible for determining suitability and for safe handling in accordance with the applicable Safety Data Sheet.