

TECHNICAL DATA SHEET

MAGNESIUM NITRATE HEXAHYDRATE HP

Chemical & Physical Properties

Chemical Formula	$\text{Mg}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$
CAS Number	13446-18-9
Specific Gravity @ 68°F (20°C)	1.350 - 1.365
Salt-Out Temp	21°F (-6.1°C)
Color	Clear, colorless to slight yellow
Odor	Odorless
Weight per Gallon	11.26 lbs/gal
pH	2.7 - 3.5
Viscosity	9-13 cP @ 20°C

Typical Analysis

Magnesium Nitrate ($\text{Mg}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$)	65 - 68.5%
Magnesium	6.3%
Iron (Fe)	< 20 PPM
Insolubles	<0.01%
Heavy Metals (as Pb)	<20 ppm



Description

Magnesium Nitrate Solution, $\text{Mg}(\text{NO}_3)_2$, is a colorless to slightly yellow, odorless liquid. This high-purity solution can be utilized in various applications.

Availability

Magnesium Nitrate Hexahydrate HP is available for shipment via:

- Bulk Tanker
- 275 Gallon IBC: 3,000 lbs.
- Poly drum: 600 lbs.

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