



POLY FERT
— FOR INDUSTRY & TRADE —

MAGNESIUM NITRATE

Mg(NO₃)₂ Specification

<i>Trade Name</i>	MAGNESIUM NITRATE
<i>Shape and Form</i>	<i>Crystalline powder</i>
<i>Molecular Formula</i>	<i>Mg(NO₃)₂</i>
<i>USE</i>	<i>Agriculture Fertilizer</i>
<i>Physical and Chemical Properties</i>	
<i>Appearance</i>	<i>White crystals</i>
<i>Assay</i>	<i>99.8%</i>
<i>PH Value</i>	<i>7.2%</i>
<i>Humidity</i>	<i>Max 0.10 %</i>
<i>Total nitrogen (N)</i>	<i>11%</i>
<i>Nitrate-nitrogen(N-NO₃)</i>	<i>11%</i>
<i>Magnesium oxide (MgO)</i>	<i>16.00 %</i>
<i>Magnesium (Mg)</i>	<i>9.6%</i>
<i>Cl-</i>	<i>Max 38 ppm</i>
<i>Fe</i>	<i>0.00035%</i>
<i>Na+</i>	<i>Max 0.014 %</i>
<i>ClO₄-</i>	<i>pass</i>
<i>Heavy Metal</i>	<i>0.00016%</i>
<i>Insoluble matters</i>	<i>200 ppm</i>
<i>Bulk density</i>	<i>0.7 g/cm³ - 0.4 Oz/lb.³</i>

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