

## MAGNESIUM NITRATE HEXAHYDRATE [Mg (NO<sub>3</sub>)<sub>2</sub> 6H<sub>2</sub>O]

<b>H.S CODE</b>	<b>28342920</b>
<b>CAS CODE</b>	<b>13446-18-9.</b>
<b>MOLECULAR WEIGHT</b>	<b>256.41</b>
<b>Solubility</b>	<b>Highly hygroscopic in nature</b>
<b>MIN ASSAY</b>	<b>98%</b>
<b>Assay as Mg</b>	<b>9 - 9.5 %</b>
<b>Assay as MgO</b>	<b>15.50%</b>
<b>N (Nitrogen)</b>	<b>10.50%</b>
<b>APPEARANCE</b>	<b>White crystalline powder/ white crystals</b>
<b>Max Limits of Impurities %</b>	
<b>Chlorides</b>	<b>0.01</b>
<b>Sulphates</b>	<b>0.01</b>
<b>Ca</b>	<b>0.05</b>
<b>Fe</b>	<b>0.02</b>
<b>Heavy metals</b>	<b>0.01</b>
<b>pH of 5% solution</b>	<b>5 to 7</b>
<b>Solubility in water</b>	<b>Highly Soluble</b>
<b>Insolubal in water</b>	<b>0.05%</b>
<b>Packing:</b>	<b>25/ 50 kgs Polythelined HDPE bags</b>
<b>Shipment Class</b>	<b>Hazardous- Oxidiser label.</b>
<b>UN NO Class</b>	<b>5.1</b>
<b>UN NO</b>	<b>1474</b>
<b>Packing Group</b>	<b>III</b>
<b>IMDG No</b>	<b>5159</b>

### Uses

- Dehydrantion Of Making Nitrate
- Incineration And Chemical Experimentation
- Concentrated Nitric Acid As Dehydrator,
- Producing Explosives

- Catalysts And Other Magnesium Salts
- In Floriculture Soil Additive
- Foiler Spray
- Mixing with concrete to get special effect
- Additive To Make Speciality Chemicals