

**TECHNICAL DATA SHEET**

**PRODUCT NAME :** MAGNESIUM NITRATE 98% MIN.  
**FORMULA :**  $Mg(NO_3)_2 \cdot 6H_2O$   
**APPEARANCE :** White Crystal  
**APPLICATIONS :** Mainly used in concentrated nitric acid as dehydrator, in producing explosives, catalysts and other magnesium salts, as well as incineration agent for wheat, fertilizers. Magnesium nitrate is also used in pyrotechnics; and in the manufacture of concentrated nitric acid where it removes water and concentrates the acid vapors to 90–95%  $HNO_3$ . It is also used to aid coating and pilling in production of ammonium nitrate.

PROPERTIES	SPECIFICATION
Purity	98.00% min.
Magnesium Oxide (MgO)	15.00% min.
Nitrogen (N)	11.00% min.
Sulfate ( $SO_4^{2-}$ )	0.03% max.
Iron (Fe)	0.001% max.
Lead (Pb)	0.0003% max.
Water Insoluble	0.05% max.
pH	5.0-7.0

**PACKING :** 25 KG/BAG

**ORIGIN :** China