

# Product Data Sheet

## (4N) 99.99% Magnesium Sulfate Solution

Product Code: MG-SAT-04-SOL

Formula: MgSO<sub>4</sub>  
CAS No.: 7487-88-9  
EC No.: 231-298-2  
MDL: MFCD00011110

### Chemical Identifiers

Linear Formula	MgSO <sub>4</sub>
MDL Number	MFCD00011110
EC No.	231-298-2
Beilstein Registry No.	N/A
Pubchem CID	24083
IUPAC Name	magnesium sulfate
SMILES	[Mg+2].[O-]S([O-])(=O)=O
InChI Identifier	InChI=1S/Mg.H2O 4S/c;1-5(2,3)4/h;(H 2,1,2,3,4)/q+2;/p-2
InChI Key	CSNNHWWHGAXBCP-UHFFFAOYSA-L

**Total Metal Impurities:** 0.01% max.

### Packaging Specifications

Typical bulk packaging includes palletized plastic 5 gallon/25 kg. pails, fiber and steel drums to 1 ton super sacks in full container (FCL) or truck load (T/L) quantities. Research and sample quantities and hygroscopic, oxidizing or other air sensitive materials may be packaged under argon or vacuum. Shipping documentation includes a Certificate of Analysis and Safety Data Sheet (SDS). Solutions are packaged in polypropylene, plastic or glass jars up to palletized 440 gallon liquid totes, and 36,000 lb. tanker trucks.

**Documentation**

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.