

PURETECH

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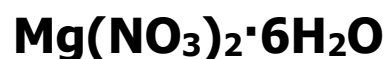
High purity chemicals for various industrial and analytical applications

<http://www.chemelements.life>

GENERAL QUALITY DATA SHEET

Magnesium Nitrate 6-hydrate [PureTech] ChemElements™

CAS No.	13446-18-9
EC No.	233-826-7
Tariff No.	2834 29 80 00
Material number:	90451010*



Typical properties

Molecular weight:	256,40
Melting point:	89°C
Solubility in water:	2320 g/l (15°C)
Specific gravity:	1,46 g/cm ³ (20°C)
Appearance:	Colorless crystals

Quality: GOST 11088-75 [Pure]

1. Assay (Mg (NO ₃) ₂ ·6H ₂ O):	≥98%
2. Water-insoluble matter:	≤0,01%
3. Sulfates (SO ₄):	≤0,01%
4. Chlorides (Cl):	≤0,001%
5. Iron (Fe):	≤0,001%
6. Sum of potassium and sodium (K+Na):	≤0,1%
7. Calcium (Ca):	≤0,05%
8. Arsenic (As):	≤0,0001%
9. Heavy metals (Pb):	≤0,002%
10. pH 5% solution:	3,9-7

Standard packing

*25 kg polypropylene bag (60 g/m²) with polyethylene inliner (50 µm)

Available on request

*Other customer-specific packing, quality parameters



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ChemElements – the alternative producer of high purity mineral salts located in Europe. Raw materials for food, pharmaceutical, feed, agriculture, and technical applications

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Shelf life

1 year

Storage recommendation

Store in a dry warehouse in the original tightly closed packaging. Avoid exposure to moisture.

Application

- Analytical Chemistry: Reagent;
- Fertilizer (drip irrigation, leaf fertilizing).

Certification

FSSC 22000:2013, ISO 9001:2015

Hazards Identification

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

Transport Information

UN number:	Not dangerous goods
UN proper shipping name:	Not dangerous goods
Transport hazard class(es)	
Land transport (ADR/RID):	Not classified as dangerous in the meaning of transport regulations
Air transport (IATA):	Not classified as dangerous in the meaning of transport regulations
Sea transport (IMDG):	Not classified as dangerous in the meaning of transport regulations
Packaging group:	Not dangerous goods

Production

CHEMICAL ELEMENTS UKRAINE, LLC
Khimikov avenue, 74, Cherkassy, 18028, Ukraine
+38 0472 59 02 28
hello@chemelements.life
www.chemelements.life

Sales

Chemelements Germany	Chemelements Ukraine	Chemelements Russia
Colonnaden, 5, Hamburg, 20354, Germany +49 40 333 13 237 hello@chemelements.life www.chemelements.life/en	Khimikov avenue, 74, Cherkassy, 18028, Ukraine +38 0472 59 02 28 hello@chemelements.life www.chemelements.life/ua	Kirova street, 26, Staraya Kupavna, 142450, Russia +7 495 662 95 25 hello@chemelements.life www.chemelements.life/ru



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Revision Date: May, 2020

This data sheet is for information purposes only and is based on observations of our standard product. It does not release the user from any obligation to test the material and determine suitability for each application.