



ANDREA GALLO DI LUIGI S.r.l.u.

Company founded in 1892

Via Erzelli 9, 16152 Genova, Italy Tel. +39 (0)10 6502941

www.andreagallo.it

16-point Sheet

According to Regulation (EC) No. 1907/2006
(REACH)

Edition 5 – Version 1

(to Annex II, without obligation for non-hazardous materials)

Emission: 14/05/2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product name : MAGNESIUM HYDROXIDE PH.EUR
Product code : 071910 - 11625430
CAS number : 1309-42-8
EC number : 215-170-3
REACH registration : 01-2119488756-18-XXXX

Relevant uses:

Use in pharmaceuticals and food products, magnesium source for magnesium compounds, viscosity modifier for polymers.

Details of the supplier of the safety data sheet

Company Name : Andrea Gallo di Luigi Srlu
Address : Via Erzelli 9
City and Country : 16152 Genova - Italy -
Telephone : +39 (0)10 6502941

E-mail of the competent person
responsible for the safety data sheet: **regulatory@andreagallo.it**

SECTION 2: Hazards identification

The product is not classified as hazardous in accordance with Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adjustments).

Other hazards:

As with all powders, abrasive effects may occur, causing:

- irritation on contact with eyes;
- irritation to the respiratory tract if inhaled;
- irritation on contact with skin with prolonged exposure;
- gastrointestinal discomfort if ingested in large quantities.

SECTION 3: Composition/information on ingredients

MAGNESIUM HYDROXIDE – $Mg(OH)_2$

CAS N. : 1309-42-8
EINECS N. : 215-170-3
REACH N. : 01-2119488756-18-XXXX

SECTION 4: First aid measures

In all cases of doubt or if symptoms of illness appear, seek medical attention.

In case of inhalation:

Provide fresh air. If breathing is difficult, consult a doctor.

In case of skin contact:

Remove contaminated clothing and shoes. Rinse contaminated skin with plenty of soap and water.

In case of eye contact:

Immediately flush eyes with plenty of water for at least 10 minutes, lifting the upper and lower eyelids. Check whether the victim is wearing contact lenses and, if so, remove them. Consult a doctor if irritation occurs.



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In case of ingestion:

Drink plenty of water. If symptoms persist, consult a doctor.

SECTION 5: Firefighting measures

Suitable extinguishing media:

Use the most suitable extinguishing media available.

Unsuitable extinguishing media for safety reasons:

None known.

Special hazards arising from the substance or mixture:

No specific fire or explosion hazard.

The product itself is not flammable, but if exposed to a fire, it may develop magnesium oxide vapors. Do not inhale vapors/combustion gases.

Other information:

Cool containers with water jets to prevent product decomposition. Always wear full fire-fighting protective equipment. Collect fire-fighting water, which must not be discharged into sewers. Dispose of contaminated fire-fighting water and fire residues in accordance with applicable regulations. Wear fire-fighting clothing (including helmets, protective boots, and gloves) compliant with European standard EN 469.

SECTION 6: Accidental release measures

Personal precautions:

Avoid dust formation. Wear appropriate protective clothing. Provide good ventilation. Keep unprotected people away.

Environmental precautions:

Avoid dispersal and runoff of spilled material and contact with soil, waterways, drains, and sewers. Not considered hazardous to the environment.

Cleanup methods:

Collect mechanically or vacuum using a suitable vacuum cleaner, avoiding dust formation, and place in a suitable container for disposal.

SECTION 7: Handling and storage

No special measures are required. Provide adequate ventilation. Take the precautionary measures required when handling any chemical product.

Wear appropriate protective equipment. Eating, drinking, and smoking are prohibited in areas where the material is handled, stored, or processed. People using the product should wash hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective equipment before entering dining areas.

Storage:

Store in the original container in a dry, cool, and well-ventilated area. Keep away from acids.

SECTION 8: Exposure controls/personal protection

Observe standard safety precautions when handling chemicals and good workplace hygiene and safety practices. Do not eat, drink, or smoke while handling.



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Wash hands after handling and before eating, smoking, using the restroom, and at the end of work.

Respiratory Protection:

If ventilation is insufficient, use a dust mask.

Skin Protection:

Wear appropriate work clothing.

Hand Protection:

Wear protective gloves.

Eye Protection:

Safety goggles are recommended.

SECTION 9: Physical and chemical properties

Physical State	: Solid
Color	: White
Odor	: Odorless
pH	: NA (not available)
Melting Point / Freezing Point	: NA (not available)
Boiling Point	: NA (not available)
Flammability	: Non-flammable
Lower and Upper Explosive Limits	: NA (not available)
Flash Point	: NA (not available)
Ignition Temperature	: NA (not available)
Decomposition Temperature	: NA (not available)
Viscosity	: NA (not available)
Solubility in Water	: 1,78 mg/l (at 20 °C)
Solubility in Other Solvents	: Soluble in diluted acids (exothermic reaction)
Coeff. n-octanol/water partition	: NA (not available)
Vapor pressure	: NA (not available)
Density	: 2,41 kg/cm ³ (at 20 °C)
Relative density	: NA (not available)
Particle characteristics	: NA (not available)
Autoignition temperature	: NA (not available)
Explosive properties	: Product is not explosive
Oxidizing properties	: No oxidizing properties

SECTION 10: Stability and reactivity

The product is stable under normal storage, handling, and use conditions.

Thermal decomposition or fire may release potentially harmful gases and vapors. Keep away from acids and anhydrides.

SECTION 11: Toxicological information

The product does not present any particular risks to human health.



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SECTION 12: Ecological information

The product does not present any particular environmental hazard.

Use according to good working practices, avoiding dispersing the product into the environment.

SECTION 13: Disposal considerations

Dispose in accordance with administrative regulations. Containers and packaging contaminated with substances or mixtures should be treated as products.

SECTION 14: Transport information

The product is not to be considered dangerous according to the provisions in force concerning the transport of dangerous substances on the road (A.D.R.), on the railway (RID), by sea (IMDG Code) and by air (IATA).

SECTION 15: Regulatory information

Category Seveso:

NONE

Restrictions on the product or substances contained in Annex XVII Regulation (EC) 1907/2006:

NONE

Substances in Candidate List (Art. 59 REACH):

NONE

Substances subject to authorization (Annex XIV REACH):

NONE

SECTION 16: Other information

No information available.

Note for users:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.