

Magnesium Oxide

REV: 04.03.2021

According to Regulation (EC) N°: 1907/2006 and EC 1272/2008

SECTION 1: Identification of substance/preparation and of the company

1.1 Identification of product

Product name	Magnesium Oxide
Synonyms, trade names	Calcine Magnesite
Application:	Used for the manufacture of fertilizer, stock feeds and in tailings. And sewage treatment.
Molecular Formula	MgO
CAS N°	1309-48-4
Use of product	Feed grade

1.2 Details of the importer

Importer	SAISA CHEMICALS S.A.
Adress	C/ Juan Hurtado de Mendoza, 15, 28036 (Madrid) ESPAÑA.
Telephone number	+00 34 91 345 94 44
E-mail:	saisa@saisa.es

1.3 Emergency telephone number

Número de teléfono:	00 34 91 562 04 20
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SECTION 2: Hazards identification

Description

Not hazardous. The product is inert, so it does not form any explosive or flammable blend. As with all dusts, inhalation should be avoided.

SECTION 3: Composition, information on ingredients

3.1 Sustancias.

Appearance	White to slightly brownish Crumbly Material
Boiling point	3600°C
Melting point	2600°C – 2800°C
Vapour pressure	NA
Specific gravity	1.2
Flashpoint	NA
Lower explosive limit	NA
Upper explosive limit	Insoluble 0.001%

SECTION 4: FIRST -AID MEASURES

4.1 FIRST AID MEASURES

If swallowed	Rinse mouth out with plenty of wáter. If irritation or discomfort persists seek medical attention
Eye contact	This product is abrasive, if it comes in contact with the eyes: immediately hold the eyes open and wash continuously, for atleast 15 minutes, with fresh running wáter. Ensure irrigation under eyelids by occasionally lifting the upper and lower lids. Transport to doctor or hospital without delay. Removal of any contact lens after an eye injury should only be undertaken by skilled personnel.
Skin contact	If product comes in contact with the skin : wash affected área with wáter (and soap if available). Seek medical attention in event of irritation.
Inhalation:	If dust is inhaled, remove to fresh air. Encourage patient to blow nose to clear breathing passages. Rinse mouth with wáter. Consider drinking wáter to remove dust from throat. If irritation or discomfort persists seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Nonflammable and not explosive – no special precautions necessary

SECTION 6: ACCIDENTAL RELEASE MEASURES

Collect dry powder using a vacuum cleaner or other means where dust is not generated. Avoid powder spillage as a possible cause of slipping.

SECTION 7: Handling and storage

Handling

Appropriate controls should be used to avoid generating dust when handling dry powders. Storage powders should be stored at ambient temperature in a dry covered area. The product should be stored in sealed bags, away from humidity in a well ventilated area if possible.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory protection, use appropriate engineering controls to avoid dust generation when handling powders.

Ensure that all occupational exposure standards are observed.

Skin protection: substance may have a drying effect on the skin. Maintain Good standards of industrial hygiene.

Eye protection: eyewash should be available, eye protection is recommended.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form	Powder
Odour	Odourless
Meltingpoint	2852°C
Boilingpoint	3600°C
Explosive properties	None
Relative density	3.0
Solubility relatively	Insoluble

SECCIÓN 10: STABILITY AND REACTIVITY

Stability and reactivity	Conditions to avoid protect against is moisture Material to avoid is unknown Hazardous decomposition products are unknown.
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SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation	Temporary discomfort or mechanical irritation to the upper respiratory tract may occur due to inhalation of high dust concentrations. No acute effects expected..
Skin contact	No determined toxicological effects
Ingestion	No determined toxicological effects
Eyes high dust concentration	May cause mechanical irritation

SECTION 12: ECOLOGICAL INFORMATION

Environmental statement

Mobility solid

Product is persistent and non-biodegradable but is unlikely to have any long term effect on the environment.

Involatile. Insoluble in water

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

The product can be disposed of as inactive / non-toxic material in approved landfills in accordance with local regulations.

SECTION 14 Transport Information

General:

The product is not classified as dangerous to supply according to EU or UK national regulations. Special precautions are not required.

SECTION 15: Información regulatoria.

15.1. Información regulatoria

EU legislation

The product is not classified as dangerous to supply according to the national regulations of the EU or the United Kingdom

SECTION 16: Other information

Other informacion

Workers must be trained to handle these products without generating dust or spills in the air.

1. Regulations on the transport of dangerous goods (classification, packaging and labeling).
2. Chemicals regulations (hazard in formation and packaging for supply)
3. Control of dangerous substances for health regulations
4. Dust: general principles of protection (EH44)
1. 5. Environmental hygiene guide (EH40)