

MATERIAL SAFETY DATA SHEET
MAGNESIUM HYDROXIDE



1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Magnesium Hydroxide	Supplier:	ASES CHEMICAL WORKS.
Synonyms:	Not available	Address:	Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India
INCI Name:	Magnesium Hydroxide	Phone:	+91-9636889954
CAS Number:	1309-42-8	Web:	www.ases.in
Product Form:	Solid Powder	Email :	ecom@ases.in
Product Use:	Cosmetic Use		

2 HAZARDS IDENTIFICATION

GHS Classification	Product is not subject to classification according to GHS. No labels elements required
GHS Labeling:	Not a dangerous substance according to GHS
Other Hazard Pictograms:	Not Applicable.
GHS Precautionary Statements:	Not Applicable.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No	Molecular Formula	Molecular Weight	Concentration
Magnesium Hydroxide	1309-42-8	Mg(OH) ₂	58.3197 g/mol	100%

4 FIRST AID MEASURES

Eye contact	Immediately flush eyes with plenty of cool water. Get medical attention.
Skin contact	Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.
Inhalation	If inhaled, removed to fresh air. Get medical attention if symptoms appear.
Ingestion	Seek medical attention or contact local poison control centre.

5 FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water Foam Carbon dioxide (CO ₂) Dry powder
Unsuitable extinguishing media	Do not use a heavy water stream.
Hazards arising from the substance	Closed containers may build up pressure when exposed to heat and should be cooled with water spray.
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions :	Wear respirator, chemical safety goggles, rubber gloves and boots.
Environmental Precautions:	No special environmental precautions required.
Clean up procedure :	Scoop up and place in a suitable container for waste disposal or possible reuse. Avoid raising dust.

7 HANDLING & STORAGE

Handling:	Keep containers tightly closed. Avoid bodily contact.
Storage:	Store in a dry, well-ventilated area away from incompatible materials.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Eyes:	Use equipment for eye protection tested and approved under appropriate government standards.
Body:	Wear suitable protective clothing
Respiratory:	Respiratory protection necessary at: Dust formation.
Ingestion:	Handle in accordance with good industrial hygiene and safety practice.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White free flowing powder	Vapor Density:	Not available
Odor:	Not available	Evaporation Rate:	Not available
Taste:	Not available	Flammability:	Not available
Color:	Not available	Explosive Limit:	Not available
pH (slurry):	9.5~10.5	Flash Point:	Not available
Boiling Point:	Not available	Specific Gravity:	2.36
Melting Point:	350°C	Solubility in Water:	1.78mg/l at 20°C
Vapor Pressure:	Not available		

10 STABILITY AND REACTIVITY

Reactivity:	Not reactive hazards known/expected.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Heating above decomposition temperature.
Incompatible Materials:	Not available
Hazardous Decomposition Products:	None

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Rat oral LD50> 2000mg/kg (female), Rat inhalation LC50 >2.1 mg/L		
Skin:	Not available	Teratogenicity:	Not available
Eyes:	Not available	Germ Cell Mutagenicity:	Not available
Respiratory:	Not available	Embryotoxicity:	Not available
Ingestion:	No available	Specific Target Organ Toxicity:	Not available
Carcinogenicity:	Not available	Reproductive Toxicity:	Not available

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No available	Mobility in soil:	No available
Persistence and degradability:	No available	Other adverse effects:	No available
Bioaccumulative potential:	No available		

13 DISPOSAL CONSIDERATIONS

Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary.

Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations.

14 TRANSPORT INFORMATION

US DOT Shipping Description (Land)	Non-hazardous for transport..
IMO-IMDG Shipping Description (Sea)	Non-hazardous for transport..
IATA Shipping Description (Air)	Non-hazardous for transport..

15 REGULATORY INFORMATION

TSCA Inventory Status:	Not available
DSCL (EEC):	This product is not classified according to the EU regulations. Not applicable.
Chemical safety assessment	For this product a chemical safety assessment was not carried out.

16 OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.