



MAGNESIUM HYDROXIDE TECHNICAL GRADE TECHNICAL DATA SHEET

SYNONYMS

Milk of Magnesium, magma of magnesia, Magnesium Hydrate

CHEMICAL STRUCTURE AND IDENTITY

Molecular formula	Mg(OH) ₂
Molecular weight	58.3197 g/mol
CAS number	1309-48-8
EINECES number	215-170-3
HS code	28161010

SPECIFICATIONS

Assay	94.00 to 99.00%
Tapped Bulk Density	0.40 to 0.60 (g/ml)
MgO	63.00 to 67.00%
Iron	0.8% Max
Calcium Oxide	1.5% to 2.5%
pH	Alkaline
Loss on Ignition	29% to 33%
Moisture	0.5% to 1.5%
Mesh Size	200-300

PHYSICAL PROPERTIES

Boiling Point	NA
Melting Point	350°C
Density	2.34 g/cm ³

DESCRIPTION

Magnesium hydroxide is characterized by white fine powder appearance and odorless smell. It is white solid with low solubility water.

PACKAGING

Available in 25kg and 50kg bags. Other packaging may be considered on request.

STORAGE AND HANDLING

Store away from incompatible materials. Protect from freezing and physical damage. Keep away from food and beverages. Provide ventilation for container. Store in cool, dry, conditions in well -sealed containers. Follow good Hygiene when handling chemical materials. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing.



JIVIKA
THE SOURCE OF LIFE

SAFETY

Perform routine housekeeping. Wash hands before and at the end of work. Avoid contact with skin, eyes and clothing. Before wearing wash contaminated clothing.

FIRST AID MEASURES

Inhalation: Loosen clothing as necessary and position individual in comfortable position. Move exposed to fresh air. Give artificial respiration if necessary. If breathing is difficult give oxygen. Get medical assistance if cough or other symptoms appear.

Skin contact: Rinse/flush exposed skin gently using soap and water for 15-20 minutes. Seek medical advice if discomfort or irritation persists.

Eye contact: Protect exposed eye. Rinse/flush exposed eyes gently using water for 15-20 minutes. Seek medical attention if irritation persists or if concerned

Ingestion: Rinse mouth thoroughly. Do not induce vomiting. Have exposed individual drink sips of water. Seek medical attention if irritation, discomfort or vomiting persists, never give anything by mouth to an unconscious person.

SPILL AND DISPOSAL

Ventilate area of leak or spill. Wear appropriate personal protective equipment. It must not be disposed with household garbage. It disposed as per local, regional and national hazardous waste regulation.

CONTACT

E-mail Info@jivikachem.com
Website www.jivikachem.com

JIVIKA CHEM INTERNATIONAL LLP

📍 **Corporate Office** : 709, Shivalik Shilp, Iskcon Cross Road, Ahmedabad - 380015, Gujarat, India.

📍 **Factory** : At Kidi, Halvad - 363330, Gujarat, India

☎ 079 48997541 ✉ info@jivikachem.com 🌐 www.jivikachem.com



Disclaimer: The information contained herein is for information purpose only. While enough care is taken in disclosing the information, users of this information are advised to cross-check the same depending upon use | application. Jivika chem international LLP does not give any assurance or warranty or guarantee in regard to the accuracy or completeness of the information and no claim or liability will be accepted or entertained in regard thereto. Jivika chem international LLP makes no warranty of any kind, expressed or implied, including, but not limited to, any implied of merchantability or fitness for a particular purpose or performance or usage of trade.