

MATERIAL SAFETY DATA SHEET

THE HALLSTAR COMPANY

Section 1 - Identification of Substance and Company

Product Name: MARINCO® H (RX-14073)

Product Code: 3034

Chemical Name: Magnesium Hydroxide

Supplier: The HallStar Company ⁽¹⁾
120 S. Riverside Plaza, Ste 1620
Chicago, IL 60606 PH: 877-427-4255
USA

HMIS

Health: 1
Flammability: 0
Reactivity: 0
Glasses, Gloves, Dust Mask

Emergency Phone Numbers: The HallStar Company: (708) 594 - 5999
CHEMTREC: (800) 424 - 9300

Section 2 - Information on Ingredients

<u>Chemical Name:</u>	<u>CAS #</u>	<u>% By Weight</u>
Magnesium Hydroxide	1309-42-8	100

Section 3 - Hazard Identification

Appearance and Odor: White odorless powder.

Medical Conditions Which May Be Aggravated by Contact:

Pre-existing chronic lung conditions such as, but not limited to, bronchitis, emphysema, and asthma.

Target Organs: Lungs

Primary Entry Route(s): Inhalation

Acute Effects: Excessive dust (above the TLV) can cause transitory upper respiratory physical irritation.

Chronic Effect(s): Excessive inhalation (above TLV) of mineral dust, over long periods of time, may cause industrial bronchitis, reduce breathing capacity, and lead to increased susceptibility to other lung disease.

Signs & Symptoms of Overexposure:

Eye Contact: Physical irritation.

Skin Contact: Possible irritation from prolonged contact to individuals sensitive to mineral dust.

Inhalation: Upper respiratory irritation.

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Section 4 - First Aid Measures

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Skin Contact: Wash exposed areas with soap and water. Get medical advice if irritation develops.

Ingestion: If large amounts are swallowed, give water to drink and get medical advice.

Inhalation: Remove to fresh air. Get medical attention for any breathing difficulty.

Section 5 - Explosion and Fire-Fighting Measures

Flash Point (Method Used): Not flammable

Extinguishing Media: This product is not flammable.

Special Fire-Fighting Procedures: None

Section 6 - Accidental Release/Spill Procedures

Steps to be Taken in Case Material is Released or Spilled: Sweep up spilled material and repackage. Dispose of in accordance with local, state and federal regulations.

Section 7 - Storage and Handling

Keep in a tightly-closed container. Store in cool, dry & ventilated area. Protect against physical damage.

Section 8 - Personal Protection

Threshold Limit Value (TLV): ACGIH: 8M TWA, Total Dust = 10mg/m³, Respirable Dust = 5mg/m³
OSHA : PEL, Total Dust = 15 mg/m³

Protective Gloves: Rubber gloves

Eye Protection: Safety goggles

Respiratory Protection: A dust mask is recommended when dust is a nuisance. If exposure is above the TWA or PEL, a NIOSH approved respirator with particulate filters is needed.

Ventilation:

Local Exhaust: Recommended

Mechanical (General): Recommended

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Section 9 - Physical and Chemical Properties

Boiling Point (F°):	Solid	Specific Gravity (H₂O=1):	2.4
Vapor Pressure (mm-Hg):	Solid	Percent Volatile	
Vapor Density (air=1):	Solid	by Volume (%):	Nil
Solubility in Water:	Slight	pH Aq. Slurry approx.:	10
Decomposition Point:	-350°C		
Appearance and Odor:	White odorless powder		

Section 10 - Stability and Reactivity

Stability: Stable.

Incompatibilities: Acids.

Hazardous Decomposition Products: No applicable information was found.

Section 11 - Toxicological Information

Acute Toxicity: Oral LD₅₀ (rats): >5000 mg/kg
(Lab results on 100% compound)

Section 12 - Ecological Information

No information is available at this time.

Section 13 - Disposal Considerations

Waste Disposal Method: Follow all applicable local, state, and federal regulations for disposal. Contacting a waste disposal company is recommended.

Section 14 - Transport Information

Not classified as hazardous according to the Department of Transportation.

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Section 15 - Regulatory Information

Toxic Substances Control Act (TSCA): This product is listed on the TSCA Inventory of the United States.

Domestic Substance List (DSL): This product is listed on the DSL Inventory of Canada.

Australian Inventory of Chemical Substances (AICS): This product is listed on the AICS Inventory of Australia.

European Inventory of Existing Chemical Substances (EINECS): This product or its monomers are listed on the EINECS Inventory of Europe.

Korean Existing Chemicals List (ECL): This product is listed on the ECL Inventory of Korea.

Japanese Inventory of Existing & New Chemical Substances (ENCS): This product is listed on the ENCS Inventory of Japan.

Section 16 - Other Information

Prepared By: AAC

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All information is presented in good faith using available information. The HallStar Company makes no representation of the accuracy or completeness of the information. The user should consider this information as a supplement to other information that may be available. User should also determine suitability of information in their situation to determine proper use and disposal, protection of persons and the environment.

⁽¹⁾ Affiliated companies include RTD*HallStar Company, HallStar Solutions Corp., Ester Solutions Company, Memphis Solutions Company and Marine Magnesium & Minerals Company.