

MATERIAL SAFETY DATA SHEET

THE HALLSTAR COMPANY

Section 1 - Identification of Substance and Company

Product Name: Calcium Hydroxide HP-XL

Product Code: 0943

Chemical Name: Calcium Hydroxide

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

HMIS

Health: 2

Flammability: 0

Reactivity: 0

Gloves & Safety Glasses,
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>
Calcium Hydroxide	1305-62-0
Crystalline Silica (<0.10%)	14808-60-7

Section 3 - Hazard Identification

Appearance/Odor: White powder; no odor.

Potential Health Effects

Skin Contact: Corrosive. May cause severe burns and blistering depending upon duration of contact.

Eye Contact: Corrosive. May produce severe irritation, pain, and damage.

Ingestion: Substance may be harmful if swallowed. May irritate or damage mouth, throat and stomach.

Inhalation: May cause irritation or damage to mucous membrane and respiratory passages.

Section 4 - First Aid Measures

Skin Contact: Wash affected skin with soap and water. Seek medical attention if symptoms persist.

Eye Contact: Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, consult a physician.

Ingestion: Rinse mouth and seek medical attention.

Inhalation: Person should be moved to a fresh air environment.

Section 5 - Explosion and Fire-Fighting Measures

Extinguishing Media: Not flammable or explosive.

Special Fire-Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: None

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Section 6 - Accidental Release/Spill Procedures

Steps to be Taken in Case Material is Released or Spilled: Sweep up the material and transfer to separate containers for recovery or disposal. Care should be taken to avoid creation of dust during disposal. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

Section 7 - Handling and Storage

Containers should be kept tightly closed and stored in a dry well-ventilated place. Avoid getting in eyes, mouth, and lungs. Avoid prolonged contact with skin.

Section 8 - Personal Protection

OSHA Permissible Exposure Limit (PEL): 15 mg/m³ total dust, 5 mg/m³ respirable fraction (calcium hydroxide); 0.1 mg/m³ (crystalline silica)

ACGIH Threshold Limit Value (TLV): 5 mg/m³ (calcium hydroxide); 0.05 mg/m³ (crystalline silica)

Hand Protection: Neoprene or Viton gloves

Respiratory Protection: If the exposure limits are exceeded, a NIOSH approved respirator must be worn. If exposure does not exceed these levels, a dust mask is recommended.

Eye Protection: Safety Glasses

Engineering Measures: General or local exhaust ventilation sufficient to maintain employee exposure below PEL's and TLV's.

Other: Eyewash facility in vicinity.

Section 9 - Physical and Chemical Properties

Melting Point: 1076°F

Flash Point (COC): N/A

Vapor Density: N/A

Vapor Pressure (25° C): N/A

Appearance and Odor: White powder; no odor.

Specific Gravity: 2.2

Evaporation Rate: N/A

Solubility in Water: 0.185% @0°C

Section 10 - Stability and Reactivity

Stability: This product is stable in airtight containers.

Conditions to Avoid: Excessive heat, humidity. Substance decomposes upon heating, producing calcium oxide.

Hazardous Polymerization: Will not occur under normal circumstances; oxides of carbon when burned.

Incompatibility: Acids, Fluorine

Section 11 - Toxicological Information

Calcium Hydroxide is not listed on the NTP, IARC, or OSHA list of carcinogens.

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Section 12 - Ecological Information

This product does not contain any ozone depleting compounds (ODC's).

Section 13 - Disposal Considerations

Waste Disposal Methods: Material should be disposed of in accordance to current local and national regulations. Contacting a waste disposal service is recommended.

Section 14 - Transport Information

Not classified as hazardous according to the Department of Transportation.

Section 15 - Regulatory Information

Toxic Substances Control Act (TSCA): This product is in compliance with the TSCA regulation 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 is listed on the EINECS inventory of Europe. #215-137-3

Superfund Amendments and Reauthorization Act (SARA): This product has the following hazards as defined in Section 311/312 of 40 CFR part 372:

Hazards

Acute

This product contains the following chemicals subject to the reporting requirements of Section 313 or Title III of SARA and 40 CFR Part 372:

Ingredients

None

California Proposition 65: This product contains the following substances known to the state of California to cause cancer, birth defects, or other reproductive harm per the Safe Drinking Water and Toxic Enforcement Act of 1986.

Ingredients

Crystalline silica (airborne particles of respirable size); weight % in product <0.10%

Section 16 - Other Information

Prepared By: AAC

Revision Date: 06/07

Company Name Change

Supersedes: 12/05

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.

