

# Safety Data Sheet

**24 Hour Emergency Phone Numbers**  
**Medical/Poison Control:**  
In U.S.: Call 1-800-222-1222

**Outside U.S.: Call your local poison control center**

**Transportation/National Response Center:**

**1-800-535-5053**

**1-352-323-3500**

NOTE: The National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

IMPORTANT: Provide this information to employees, customers, and users of this product. Read this SDS before handling or disposing of this product. This product is covered by the OSHA Hazard Communication Standard and this document has been prepared in accordance with requirements of this standard. All abbreviated terms used in this SDS are further described in Section 16.

## 1. Identification

This Safety Data Sheet is available in American Spanish upon request.  
Los Datos de Seguridad pueden obtenerse en Espanol si lo requiere.

**Product Name:** Hydrated Lime

**Product UPC Number:** 070798600102

**Product Use/Class:** Repair Compound

**Manufacturer:** DAP Global Inc.  
2400 Boston Street Suite 200  
Baltimore, MD 21224-4723  
888-327-8477 (non - emergency matters)

SDS Coordinator: MSDS@dap.com

Emergency Telephone: 1-800-535-5053,  
1-352-323-3500, 1-800-222-1222

**Revision Date:** 5/22/2025

**Supersedes Date:** 4/12/2022

**SDS No:** 7971565

**Imported by:** DAP Canada  
475 Finchdene Square Unit 5  
Scarborough, Ontario M1X 1B7  
888-327-8477 (non - emergency matters)

SDS Coordinator:  
MSDS@dap.com

Emergency Telephone:  
1-800-535-5053, 1-352-323-3500

**Preparer:** Regulatory Affairs

## 2. Hazards Identification

**GHS Classification**

Carc. 1A, Eye Dam. 1, Skin Irrit. 2, STOT RE 2, STOT SE 3 RTI

**Symbol(s) of Product****Signal Word**

Danger

**Possible Hazards**

100% of the mixture consists of ingredients of unknown acute toxicity

**GHS HAZARD STATEMENTS**

|                                        |      |                                                                    |
|----------------------------------------|------|--------------------------------------------------------------------|
| Skin Irritation, category 2            | H315 | Causes skin irritation.                                            |
| Serious Eye Damage, category 1         | H318 | Causes serious eye damage.                                         |
| STOT, single exposure, category 3, RTI | H335 | May cause respiratory irritation.                                  |
| Carcinogenicity, category 1A           | H350 | May cause cancer.                                                  |
| STOT, repeated exposure, category 2    | H373 | May cause damage to organs through prolonged or repeated exposure. |

**GHS LABEL PRECAUTIONARY STATEMENTS**

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P201           | Obtain special instructions before use.                                                                                          |
| P260           | Do not breathe dust/fume/gas/mist/vapours/spray.                                                                                 |
| P264           | Wash thoroughly after handling.                                                                                                  |
| P271           | Use only outdoors or in a well-ventilated area.                                                                                  |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.                                                       |
| P302+P352      | IF ON SKIN: Wash with plenty of soap and water.                                                                                  |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.                                                       |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P308+P313      | IF exposed or concerned: Get medical advice/attention.                                                                           |
| P310           | Immediately call a POISON CENTER or doctor/physician.                                                                            |
| P321           | Specific treatment (see ... on this label).                                                                                      |
| P332+P313      | If skin irritation occurs: Get medical advice/attention.                                                                         |
| P362           | Take off contaminated clothing.                                                                                                  |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.                                                                 |
| P405           | Store locked up.                                                                                                                 |
| P501           | Dispose of contents/container.                                                                                                   |

**3. Composition/Information on Ingredients**

| <u>Chemical Name</u>             | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|----------------------------------|----------------|--------------|--------------------|-----------------------|
| calcium magnesium tetrahydroxide | 39445-23-3     | 80-100       | GHS05-GHS07        | H315-318-335          |
| Silica, crystalline              | 14808-60-7     | 0.5-1.5      | GHS08              | H350-372              |

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

**4. First-aid Measures****FIRST AID - INHALATION:** If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.**FIRST AID - SKIN CONTACT:** Wash thoroughly with soap and water. If skin irritation persists, call a physician.**FIRST AID - EYE CONTACT:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.**FIRST AID - INGESTION:** If swallowed, DO NOT INDUCE VOMITING. Get medical attention immediately.**5. Fire-fighting Measures****UNUSUAL FIRE AND EXPLOSION HAZARDS:** Material will not burn.**SPECIAL FIREFIGHTING PROCEDURES:** No Information**EXTINGUISHING MEDIA:** Alcohol Foam, Carbon Dioxide, Dry Chemical, Foam, Water Spray or Fog

## 6. Accidental Release Measures

**ENVIRONMENTAL MEASURES:** No Information

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations. Sweep up excess powder. Place remaining powder into containers.

## 7. Handling and Storage

**HANDLING:** KEEP OUT OF REACH OF CHILDREN! Use in well ventilated area. Ensure fresh air entry during application and drying. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Do not breathe dust. Prevent build up of dust by providing fresh air such that dust cannot be detected during use of this product or while sanding this product. While dry sanding, use of a NIOSH-approved dust mask is recommended.

**STORAGE:** Store containers away from excessive heat and freezing. Store away from caustics and oxidizers. Keep containers dry and tightly closed to avoid moisture absorption and contamination.

## 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

| <u>Chemical Name</u>             | <u>ACGIH TLV-TWA</u>                                | <u>ACGIH-TLV STEL</u> | <u>OSHA PEL-TWA</u>                              | <u>OSHA PEL-CEILING</u> |
|----------------------------------|-----------------------------------------------------|-----------------------|--------------------------------------------------|-------------------------|
| calcium magnesium tetrahydroxide | N.E.                                                | N.E.                  | N.E.                                             | N.E.                    |
| Silica, crystalline              | 0.025 mg/m3 TWA<br>respirable<br>particulate matter | N.E.                  | 50 µg/m3 TWA<br>Respirable<br>crystalline silica | N.E.                    |

**Further Advice:** MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation Sk = Skin Sensitizer N.E. = Not Established

### Notes

14808-60-7 Crystalline silica is a specially regulated substance for which an OSHA chemical-specific exposure standard exists. Detailed information regarding this substance may be found in 29 CFR 1910.1053. Medical surveillance information regarding this substance may be found in Appendix C to 29 CFR 1910.1053.

### Personal Protection



**RESPIRATORY PROTECTION:** When concentrations exceed the exposure limits specified, use of a NIOSH-approved dust, mist and fume respirator is recommended. Where the protection factor of the respirator may be exceeded, use of a full facepiece, supplied air, or Self Contained Breathing Apparatus (SCBA) may be necessary. National Institute for Occupational Safety and Health (NIOSH) has recommended that the permissible exposure limit be changed to 50 micrograms respirable free silica per cubic meter of air (0.05 mg/m3) as determined by a full shift sample up to 10-hour work shift.



**SKIN PROTECTION:** Wear gloves with repeated or prolonged use. Wear protective gloves.



**EYE PROTECTION:** Goggles or safety glasses with side shields.



**OTHER PROTECTIVE EQUIPMENT:** Provide eyewash. Provide coveralls if body contact may occur.



**HYGIENIC PRACTICES:** Remove and wash contaminated clothing before re-use.

## 9. Physical and Chemical Properties

|                                       |                                  |                                           |                 |
|---------------------------------------|----------------------------------|-------------------------------------------|-----------------|
| <b>Color:</b>                         | No Information                   | <b>Appearance:</b>                        | No Information  |
| <b>Odor:</b>                          | Slight                           | <b>Physical State:</b>                    | Powder          |
| <b>Density, g/cm<sup>3</sup>:</b>     | 2.34                             | <b>Odor Threshold:</b>                    | No Information  |
| <b>Freeze Point, °C:</b>              | Not Established                  | <b>pH:</b>                                | Not Applicable  |
| <b>Solubility in Water:</b>           | Not Established                  | <b>Viscosity (mPa.s):</b>                 | Not Applicable  |
| <b>Decomposition Temperature, °C:</b> | Not Established                  | <b>Partition Coeff., n-octanol/water:</b> | Not Established |
| <b>Boiling Range, °C:</b>             | N.A. Solid.                      | <b>Explosive Limits, %:</b>               | N.A.            |
| <b>Minimum Flash Point, °C:</b>       | Powder or solid, not applicable. | <b>Auto-Ignition Temperature, °C</b>      | Not Established |
| <b>Evaporation Rate:</b>              | No Information                   | <b>Vapor Pressure, mmHg:</b>              | Not Established |
| <b>Vapor Density:</b>                 | Not Applicable                   | <b>Flash Method:</b>                      | Not Applicable  |
| <b>Combustible Dust:</b>              | Does not support combustion      |                                           |                 |

(See "Other information" Section for abbreviation legend)

(If product is an aerosol, the flash point stated above is that of the propellant.)

## 10. Stability and Reactivity

**STABILITY:** Stable under recommended storage conditions.

**CONDITIONS TO AVOID:** Do not breathe dust. Avoid dust formation in confined areas. Excessive heat and freezing.

**INCOMPATIBILITY:** Incompatible with strong bases and oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Normal decomposition products, i.e., CO<sub>x</sub>, NO<sub>x</sub>.

## 11. Toxicological Information

**EFFECT OF OVEREXPOSURE - INHALATION:** Prolonged, repeated, or high exposures may cause irritation to the respiratory tract (nose, mouth, mucous membranes).

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** May cause dry skin. May be corrosive on prolonged contact.

**EFFECT OF OVEREXPOSURE - EYE CONTACT:** May cause eye irritation. Signs and symptoms may include: pain, tears, swelling, redness and blurred vision. May cause eye irritation.

**EFFECT OF OVEREXPOSURE - INGESTION:** Ingestion may result in obstruction when material hardens. Irritating to mouth, throat and stomach.

**CARCINOGENICITY:** No Information

**EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS:** The International Agency for Research on Cancer (IARC) has determined that crystalline silica in the form of quartz or cristobalite that is inhaled from occupational sources is carcinogenic to humans (Group 1- carcinogenic to humans). Refer to IARC Monograph 68, Silica, Some Silicates and Organic Fibres (published in June 1997) in conjunction with the use of these materials. The National Toxicology Program (NTP) classifies respirable crystalline silica as "known to be a human carcinogen". Refer to the 9th Report on Carcinogens (2000). The American Conference of Governmental Industrial Hygienists (ACGIH) classifies crystalline silica, quartz, as a suspected human carcinogen (Group A2). Breathing dust containing respirable crystalline silica may not cause noticeable injury or illness even though permanent lung damage may be occurring. Inhalation of dust may have the following serious chronic health effects: Excessive inhalation of respirable dust can cause pneumoconiosis, a respiratory disease, which can result in delayed, progressive, disabling and sometimes fatal lung injury. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function. Smoking exacerbates this disease. Individuals with pneumoconiosis are predisposed to develop tuberculosis. There is some evidence that breathing respirable crystalline silica or the disease silicosis is associated with an increased incidence of significant disease endpoints such as scleroderma (an immune system disorder manifested by fibrosis of the lungs, skin and other internal organs) and kidney disease. Prolonged or repeated inhalation of dust may cause lung damage. Constituents of this product include crystalline silica which, if inhalable, may cause silicosis, a form of progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group I carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. Constituents may also contain asbestiform or non-asbestiform tremolite or other silicates as impurities, and above de minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

**PRIMARY ROUTE(S) OF ENTRY:** Skin Contact, Inhalation, Eye Contact

**Acute Toxicity Values**

The acute effects of this product have not been tested. Data on individual components are tabulated below

| <u>CAS-No.</u> | <u>Chemical Name</u>             | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|----------------------------------|------------------|--------------------|-------------------|
| 39445-23-3     | calcium magnesium tetrahydroxide | N.I.             | N.I.               | N.I.              |
| 14808-60-7     | Silica, crystalline              | N.I.             | N.I.               | N.I.              |

N.I. = No Information

**12. Ecological Information**

**ECOLOGICAL INFORMATION:** Ecological injuries are not known or expected under normal use.

**13. Disposal Information**

**DISPOSAL INFORMATION:** This product does not meet the definition of a hazardous waste according to U.S. EPA Hazardous Waste Management Regulation, 40 CFR Section 261. Dispose as hazardous waste according to all local, state, federal and provincial regulations. State and Local regulations/restrictions are complex and may differ from Federal regulations. Responsibility for proper waste disposal is with the owner of the waste.

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations. Sweep up excess powder. Place remaining powder into containers.

**14. Transport Information**

**SPECIAL TRANSPORT PRECAUTIONS:** No Information

|                           |                |
|---------------------------|----------------|
| DOT UN/NA Number:         | No Information |
| DOT Proper Shipping Name: | No Information |
| DOT Technical Name:       | N.A.           |
| DOT Hazard Class:         | No Information |
| Hazard SubClass:          | N.A.           |
| Packing Group:            | No Information |

**15. Regulatory Information****SARA SECTION 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

**TOXIC SUBSTANCES CONTROL ACT:**

All ingredients in this product are either on TSCA inventory list, or otherwise exempt.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(b) components exist in this product.

**16. Other Information**

**Revision Date:** 5/22/2025 **Supersedes Date:** 4/12/2022

**Reason for revision:** Substance Chemical Name Changed  
 Substance and/or Product Properties Changed in Section(s):  
 02 - Hazards Identification  
 05 - Flammability Information  
 09 - Physical & Chemical Information  
 11 - Toxicological Information  
 13 - Disposal Information  
 14 - Transportation Information  
 15 - Regulatory Information  
 Revision Statement(s) Changed

**Datasheet produced by:** Regulatory Department

**HMIS Ratings:**

| <b>Health:</b> | <b>Flammability:</b> | <b>Reactivity:</b> | <b>Personal Protection:</b> |
|----------------|----------------------|--------------------|-----------------------------|
| 2*             | 0                    | 0                  | X                           |

VOC Less Water Less Exempt Solvent, g/L: 0.0

VOC Material, g/L: 0

VOC as Defined by California Consumer Product Regulation, Wt/Wt%: 0.00

VOC Actual, Wt/Wt%: 0.0

**Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

|      |                                                                 |
|------|-----------------------------------------------------------------|
| H315 | Causes skin irritation.                                         |
| H318 | Causes serious eye damage.                                      |
| H335 | May cause respiratory irritation.                               |
| H350 | May cause cancer.                                               |
| H372 | Causes damage to organs through prolonged or repeated exposure. |

**Icons for GHS Pictograms shown in Section 3 describing each ingredient:**

GHS05



GHS07



GHS08



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

We believe the data and statements contained herein are accurate as of the date hereof. They are offered in good faith as typical values and not as a product specification. NO WARRANTY OF MERCHANTABILITY, WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE WITH REGARD TO THE INFORMATION HEREIN PROVIDED OR THE PRODUCT TO WHICH THE INFORMATION REFERS. Since this document is intended only as a guide to the appropriate use and precautionary handling of the referenced product by a properly trained person, it is therefore the responsibility of the user to (i) review the recommendations with due consideration for the specific context of the intended use and (ii) determine if they are appropriate.