

Section 1 Chemical Product and Company Identification

Page 1 of 2



Nasco
901 Janesville Ave.
Fort Atkinson, WI 53538-0901
Phone: 920-563-2446

CHEMTREC 24 Hour Emergency USA
Phone Number (800) 424-9300
1 703-741-5500 (from anywhere in the world).
For laboratory and industrial use only.
Not for drug, food or household use.

Product: **CALCIUM CARBONATE**

Synonyms: Precipitated Chalk / Natural Chalk / Powdered Chalk

Section 2 Hazards Identification

Signal word: WARNING
Pictograms: GHS08
Target organs: None known



GHS Classification:
*STOT-RE (Category 2)

GHS Label information: Hazard statement:
*H373: May cause damage to organs (lungs) through prolonged or repeated exposure (inhalation).

* Respirable dust particles containing crystalline silica may be generated by crushing. There are no known hazards associated with this material when used as recommended.

Precautionary statement:

P260: Do not breathe dust.
P314: Get medical advice/attention if you feel unwell.
P501: Dispose of contents/container to a licensed chemical disposal agency in accordance with local/regional/national regulations.

Ca Prop 65 - This product contains a chemical known to the State of California to cause cancer (Silica, crystalline - airborne particles of respirable size).

Section 3 Composition / Information on Ingredients

Chemical Name	CAS #	%	ENECB
Calcium carbonate	1317-65-3	>97.00%	215-279-6
May contain: Quartz	14808-60-7	0.1-1.0%	239-878-4

Section 4 First Aid Measures

INGESTION: Call physician or Poison Control Center immediately. Induce vomiting only if advised by appropriate medical personnel. Never give anything by mouth to an unconscious person.

INHALATION: PROLONGED INHALATION OF PARTICULATE DUST MAY BE HARMFUL. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

EYE CONTACT: MAY CAUSE IRRITATION. Check for and remove contact lenses. Flush thoroughly with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

SKIN ABSORPTION: MAY CAUSE ABRASIONS. Remove contaminated clothing. Flush thoroughly with mild soap and water. If irritation occurs, get medical attention.

Section 5 Fire Fighting Measures

Suitable Extinguishing Media: Product will not burn or support fire. Use any media suitable for extinguishing supporting fire.

Protective Actions for Fire-fighters: In fire conditions, wear a NIOSH/MSHA-approved self-contained breathing apparatus and full protective gear. Use water spray to keep fire-exposed containers cool.

Specific Hazards: Limestone reacts with acids to release carbon dioxide.

Section 6 Accidental Release Measures

Personal Precautions: Evacuate personnel to safe area. Use proper personal protective equipment as indicated in Section 8. Provide adequate ventilation.

Environmental Precautions: Avoid runoff into storm sewers and ditches which lead to waterways.

Containment and Cleanup: Sweep or vacuum up and place in a suitable container for proper disposal. Wash spill area with soap and water.

Conditions for Safe Storage: Store in a cool, dry, well-ventilated area.

Exposure Limits:	Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)
	Particles not otherwise classified	TWA: 5 mg/m ³ respirable fraction	None established	None established

Respiratory protection: None should be needed in normal laboratory handling at room temperatures. If dusty conditions prevail, work in fume hood or wear a NIOSH/MSHA-approved respirator.

Appearance: Solid, White powder.	Evaporation rate (# 1): Not applicable	Partition coefficient: Not applicable
Odor: No odor.	Flammability (solid/gas): Data not available.	Auto-ignition temperature: Not applicable
Odor threshold: Data not available.	Explosion limits: Lower / Upper: Not flammable	Decomposition temperature: 826°C (1617°F)
pH: Data not available.	Vapor pressure (mm Hg): Data not available	Viscosity: Data not available.
Melting / Freezing point: Data not available	Vapor density (Air = 1): Data not available	Molecular formula: CaCO_3
Boiling point: Data not available	Relative density (Specific gravity): 2.71	Molecular weight: 100.08
Flash point: Not flammable	Solubility (wt%): 0.001% @ 0°C in water.	

Chemical stability: Stable Conditions to avoid: Avoid contact with acids. Incompatible materials: Calcium carbonate ignites on contact with fluorine. It is incompatible with acids, alum, ammonium salts, and mercury-hydrogen mixtures. Hazardous decomposition products: Carbon dioxide.	Hazardous polymerization: Will not occur.
---	---

Acute toxicity: Data not available
Skin corrosion/irritation: Data not available
Serious eye damage/irritation: Data not available
Respiratory or skin sensitization: Data not available
Geno cell mutagenicity: Data not available
Carcinogenicity: Data not available
 NTP: Known to be a human carcinogen (respirable), [crystalline silica]^{*}
 IARC classified: Group 1: Carcinogenic to humans, [crystalline silica]^{*}
 OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive toxicity: Data not available
STOT-single exposure: Data not available
STOT-repeated exposure: Inhalation - May cause damage to organs through prolonged or repeated exposure. [crystalline silica]^{*}
Aspiration hazard: Data not available
Potential health effects:
 Inhalation: Dust may cause congestion and irritation in nasal and respiratory passages.
 Ingestion: Ingestion may cause gastrointestinal irritation and blockage.
 Skin: May cause abrasions.
 Eyes: May cause mild to severe irritation by abrasion with dust or chips.
Signs and symptoms of exposure: Prolonged inhalation of particulate dust, may result in silicosis, a disabling pulmonary fibrosis characterized by fibrotic changes and milary nodules in the lungs, a dry cough, shortness of breath, emphysema, decreased chest expansion, and increased susceptibility to tuberculosis.
Additional information: RTECS #: FF9335000
^{*} Respirable dust particles containing crystalline silica may be generated by crushing. There are no known hazards associated with this material when used as recommended.

* Respirable dust particles containing crystalline silica may be generated by crushing. There are no known hazards associated with this material when used as recommended.

Toxicity to fish: No data available
Toxicity to daphnia and other aquatic invertebrates: No data available
Toxicity to algae: No data available
Persistence and degradability: No data available **Bioaccumulative potential:** No data available
Mobility in soil: No data available **PBT and vPvB assessment:** No data available
Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

These disposal guidelines are intended for the disposal of catalog-size quantities only. Federal regulations may apply to empty container. State and/or local regulations may be different. Dispose of in accordance with all local, state and federal regulations or contract with a licensed chemical disposal agency.

UN/NA number: Not applicable	Shipping name: Not Regulated	Reportable Quantity: No	Marine pollutant: No
Hazard class: Not applicable	Packing group: Not applicable		
Exceptions: Not applicable	2016 ERG Guide # Not applicable		

Component	TSCA	CERCLA (RC)	RCRA code	DSL	NDSL
Calcium carbonate	Listed	Not listed	Not listed	Not listed	Listed

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. NTP: National Toxicology Program; IARC: International Agency for Research on Cancer; OSHA: Occupational Safety and Health Administration; STOT: Specific Target Organ Toxicity; SE: Single Exposure; RE: Repeated Exposure; ERG: Emergency Response Guidebook.