

P312 Call a POISON CENTER or doctor/physician if you feel unwell
P314 Get Medical advice/attention if you feel unwell
P304+P340 IF INHALED: Remove victim to fresh air. Keep at comfortable position.
P305+P351
+P338 IF IN EYES: Rinse continuously 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
P337+P313 If eye irritation persists, get medical advice/attention
P405 Store secured out of reach of children and pets or locked up
P403+P233 Store in a well-ventilated place. Keep container tightly closed
P501 Dispose contents/containers in accordance with local, state, and federal regulations.

No Fire Hazard: Product does not pose a fire hazard.

SECTION 3: Composition and Information on Ingredients

This material is regulated as a mixture.

Ingredients / Components	CAS #	WT%
CALCIUM CARBONATE	117-65-3	10-50%
CRYSTALLINE SILICA-QUARTZ	14808-60-7	Less than 2%
PROPRIETARY COMPONENTS		Up 50%

SECTION 4: First-Aid Measures

Eye Contact: Rinse with running water for 15 minutes. Hold eyelids apart while irrigating. Call physician immediately.

Skin Contact: Wash affected area thoroughly with pH-neutral soap. If irritation develops seek medical attention.

Inhalation: Move to fresh air. Get medical attention if coughing and other symptoms do not subside. Support breathing by giving O₂ / artificial respiration.

Ingestion: Rinse mouth thoroughly without swallowing. Get medical attention if needed. Do not induce vomiting unless directed by physician or poison control center.

SECTION 5: Fire-Fighting Measures

Extinguishing Media: This product is not combustible

Appropriate: Use Water Spray, Foam, Dry Chemical or Carbon Dioxide

Inappropriate: none

Fire Fighting Procedures: none other than use NIOSH approved SCBA and Full Protective Equipment (FPN)

Unusual Fire and Explosion Hazard: Dust clouds in air can be ignited by electric sparks, hot surfaces and open flame.

Hazardous Combustion Products: none

Flammability Properties: May produce oxides of carbon

Flash Point (Method): None

Flammable Limits (Approximate volume % in air): LEL: none UEL: none

Auto-ignition Temperature: not combustible

SECTION 6: Accidental Release Measures

Personal precautions: May require NIOSH approved respirator if product becomes airborne. Ventilate area. Avoid contact with eyes, skin, and clothing.

Environmental precautions: Prevent entry into waterways.

Methods for clean-up:

Sweep up or vacuum immediately; avoid creating dusty conditions. Material can be absorbed into dry sand or dirt. Shovel up wet material and dispose per local regulation.

SECTION 7: Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing. Promptly remove dusty clothing or clothing that has become wet with the mixed product. Launder clothing before reuse. Wash thoroughly after exposure to product.

Storage: Store in cool well-ventilated place. Keep out of reach of children and pets.

SECTION 8: Exposure Control and Personal Protection



Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
CALCIUM CARBONATE	PEL – 5 mg/m3 TWA respirable dust, 15 mg/m3 Total	5 mg/m3 TWA (respirable fraction)	Not Established
CRYSTALLINE SILICA QUARTZ	0.1 mg/m3	0.25 mg/m3	Not Established

Use explosion-proof equipment with flammable materials.

Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Ensure adequate ventilation, with priority in confined areas.

Hand protection: Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.

Eye protection: Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.

Skin and body protection: Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Change contaminated clothing immediately. Wash contaminated clothing before reuse.

SECTION 9: Physical and Chemical Properties

General

Physical state: liquid gel

Color: red

Odor: slight

Safety Data

pH in water: 8-10

Boiling point: 100C

Flash point: not applicable

Flammable limits (approximate volume % in air): not combustible

Auto-ignition temperature: not applicable

Vapor pressure (mm Hg.): not applicable

Water solubility: slightly

Vapor density (air = 1): not applicable

Density 1.2-1.45 g/mL

VOC 5g/L

SECTION 10: Stability and Reactivity

Stability: stable

Conditions to avoid: do not store so as to contact with moisture or direct sunlight, no not allow to freeze or incur direct high heat

Materials to avoid: none identified

Hazardous decomposition products: does not spontaneously occur

Hazardous polymerization: will not occur

SECTION 11: Toxicological Information

Mixture- Component Toxicity

Calcium Carbonate Not Listed

Carcinogenicity:

Crystalline Silica-Quartz N-A2, I-1, O-1, ACGIH-A2, CP65

SECTION 12: Ecological Information

Eco-toxicity: No recognized unusual toxicity to animals or plants.

SECTION 13: Disposal Considerations

Methods of disposal: This material may be safely landfilled in accordance with federal, state, and local environmental control regulations.

Section 14: Transport Information

International transport regulations: This product is not regulated for transport.

UN number: None

UN proper shipping name: None

Transport hazard class: None
Packing group number (PG): None
Environmental hazards – IMDG Marine Pollutant Code: None
IBC Guidance: None

SECTION 15: Regulatory Information

USDOL – OSHA & MSHA Hazard Communication per Rule 29 CFR 1920.1200

Not considered a hazardous chemical under this regulation, and should not be part of any hazard communication program

TSCA (USA - Toxic Substance Control Act)

There are no substances in product are on the TSCA inventory list

SARA Title III (USA – Superfund Amendments and Reauthorization Act)

311/312 Hazard categories for delayed health effects: None

313 Reportable Ingredients: None

CERCLA (USA – Comprehensive Response Compensation and Liability Act)

None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

This product contains trace elements known to the State of California to cause cancer, birth defects, or reproductive harm. Per California law this warning is provided in the absence of definitive testing to prove the defined risks do not exist.

Federal Hazardous Substance Act

Not considered a hazardous substance subject to the statutes promulgated under the subject act.

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List)

No components of this product identified by CAS number are listed on the DSL

ACGIH (G) American Conference of Governmental Industrial Hygienists

- A1 – Confirmed human carcinogen
- A2 – Suspected human carcinogen
- A3 – Animal carcinogen
- A4 – Not classifiable as a human carcinogen
- A5 – Not suspected a human carcinogen

NTP (N) National Toxicology Program

- 1 – Known to be carcinogens
- 2 – Reasonably anticipated to be carcinogens

SECTION 16: Other Information

HMIS Hazard Rating:

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0

Recommended restriction: This product is for use by trained professionals after having read the complete SDS.

Key Legend:

Key Legend:

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet :

ACGIH : American Conference of Industrial Hygienists

BEI: Biological Exposure Index

CAS: Chemical Abstracts Service (Division of the American Chemical Society).

CMR: Carcinogenic, Mutagenic or Toxic for Reproduction

FG: Food grade

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

H - statement: Hazard Statement

IATA: International Air Transport Association.

IATA - DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization

ICAO - TI (ICAO): Technical Instructions by the "International Civil Aviation Organization"

IMDG: International Maritime Code for Dangerous Goods

ISO: International Organization for Standardization

logPow: octanol - water partition coefficient

LCxx : Lethal Concentration, for xx percent of test population

LDxx: Lethal Dose, for xx percent of test population.

ICxx: Inhibitory Concentration for xx of a substance

Ecxx: Effective Concentration of xx

N.O.S.: Not Otherwise Specified

OECD: Organization for Economic Co - operation and Development

OEL: Occupational Exposure Limit

P - Statement: Precautionary Statement

PBT: Persistent , Bioaccumulative and Toxic

PPE: Personal Protective Equipment

STEL: Short - term exposure limit

STOT: Specific Target Organ Toxicity

TLV: Threshold Limit Value

TWA: Time - weighted average

vPvB: Very Persistent and Very Bioaccumulative

WEL: Workplace Exposure Level

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

DOT: Department of Transportation

FIFRA: Federal Insecticide, Fungicide, and Rodenticide Act

HMIRC: Hazardous Materials Information Review Commission

HMIS: Hazardous Materials Identification System

NFPA: National Fire Protection Association

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety and Health Administration

PMRA: Health Canada Pest Management Regulatory Agency

RTK: Right to Know

WHMIS: Workplace Hazardous Materials Information System

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