



Section 1: Identification

Table with 4 columns: Product Name, Manufacturer, Common Name(s), Physical Address, Product Code, Mailing Address, CAS #, Recommended Use, Restrictions, Telephone Number, Emergency #.

Section 2: Hazard Identification

Hazard Determining Components of Label Silica
Hazard Classes: Carcinogen (Category 1A)
Potential skin irritant and skin sensitizer (Category 1B)



Warning

Hazard Statements

- H305: May be harmful if swallowed and enters airways
H316: Causes mild skin irritation
H317: May cause an allergic skin reaction
H333: May be harmful if inhaled
H335: May cause respiratory irritation
H350: May cause cancer through chronic inhalation

Precautionary Statements

Prevention

- P264: Wash skin thoroughly after handling
P261: Avoid breathing dust
P280: Use a particle mask and nitrile gloves under normal conditions

Response

- P302: If on skin: wash with plenty of soap and water
P304: If inhaled: remove person to fresh air and keep comfortable for breathing
P305: If in eyes: rinse cautiously with water for several minutes
P333: If skin irritation or rash occurs, wash area thoroughly and receive medical attention

Storage

- P402: Store in a dry place. Avoid excessive humidity or moisture.

Disposal

- P501: Dispose of contents in a compost pile, garden, or landfill in accordance with local, state, and federal regulations.

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Section 3: Composition/Information on Ingredients

Ingredients: Glacial rock dust (dacite)
Hazardous
Component: Silica
CAS #: N/A
NIOSH Registry #: Not Registered

Section 4: First -Aid Measures

Inhalation: Remove person to fresh air and keep comfortable for breathing. If respiratory distress continues, seek medical attention.
Skin Irritation: Wash with plenty of soap and water. If irritation persists, seek medical attention.
Eye: Rinse cautiously with water for several minutes. If irritation persists, seek medical attention.
Ingestion: If gastrointestinal distress occurs, seek medical attention.
Allergen: This product may cause an allergic reaction. If an allergic reaction occurs, seek medical attention immediately.

May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated inhalation. This product contains silica. Prolonged or repeated inhalation of respirable silica from this product can cause silicosis.

Section 5: Fire -Fighting Measures

Suitable Extinguishing Media: Water, regular foam, carbon dioxide, dry chemical
Unsuitable Extinguishing Media: None
Flash Point: N/A
Specific Fire -Related Hazards: None
Special Fire -Fighting Procedures: None
Unusual Fire/Explosion Hazards: None

Section 6: Accidental Release Measures

Personal Precautions: Wear a particle mask and nitrile gloves during handling
Environmental Precautions: None
Methods for Handling Spills: In case of spill: handle using nitrile gloves and wear a particle mask. Employ best-practice sanitation methods for clean-up. Utilize a vacuum or sweep the product with a broom and dispose in a garbage receptacle. There are no special emergency procedures for clean-up.

Section 7: Handling and Storage

Safe Handling: Wear gloves and a particle mask when handling and transporting. Avoid excessive humidity, contact with moisture, and extreme temperatures to retain product functionality. There are no known incompatibilities with this material.

Section 8: Exposure Control/Personal Protection

Components with limit values that require monitoring: Silica

Exposure Limit: There are no exposure limits defined for this product.

Recommended PPE and Handling Practices

Respiratory: Particle mask.

Skin Protection: Nitrile gloves

Eye Protection: Safety glasses

Hygiene: Wash hands thoroughly with soap and water

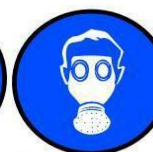
Ventilation: Ensure workspace is well-ventilated



Safety Glasses



Gloves



Particle Mask / Respirator

Section 9: Physical and Chemical Properties

Appearance:	Brown to gray powder	Melting Point:	Unknown
Flammability Limit s:	Unknown	Freezing Point:	Unknown
Odor:	Odorless	Solubility in Water:	Unknown
Odor Threshold:	Unknown	Initial Boiling Point:	Unknown
Vapor Pressure:	Unknown	Boiling Range:	2230°C
Vapor Density:	Unknown	Flash Point:	Unknown
pH:	6-7	Evaporation Rate:	N/A
Relative Density:	Unknown	Flammability:	Not flammable
		Viscosity:	Unknown

Section 10: Stability and Reactivity

Reactivity:	No specific test data is currently available
Chemical Stability:	Product is stable under normal temperatures and conditions
Conditions to Avoid:	Extreme temperatures and excessive moisture
Required Stabilizers:	None
Incompatibility:	None currently known
Hazardous Decomposition:	None currently known
Hazardous Polymerization:	Will not occur
Hazardous Reactions:	None currently known



Section 11: Toxicological Information

Primary Routes of Exposure: Inhalation, skin contact, and eye contact

Symptoms of Exposure: May act as a slight irritant to the skin. Slight dermatitis may occur. May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated exposure. This product contains silica. Prolonged or repeated inhalation of respirable silica from this product can cause silicosis. Possible allergic reactions in sensitive individuals. Rash and swelling may occur in skin. Mild respiratory distress and frequent coughing may occur. No studies currently known describing effects of delayed, immediate, or chronic effects from short- and long-term exposure.

LD50: Currently unknown

Carcinogenicity: Currently unknown

Medical Conditions Aggravated by Exposure: Allergic reaction may occur

Section 12: Ecological Information

Ecology: No adverse effects on the environment are expected.

Ecological Effects: There are no known ecological effects

Toxicity Testing: Currently unknown

Bioaccumulation Potential: Currently unknown

Section 13: Disposal Considerations

Disposal Containers: There are no known restrictions on disposal containers

Disposal Methods: Recommended disposal is use as soil amendment in a compost pile, garden, or other plant-based ecosystem. Alternatively, product may be disposed of in a landfill in accordance with local, state, and federal regulations.

Disposal Restrictions: Do not dispose through sewage systems. Do not burn as a method of disposal.

Section 14: Transport Information

UN Number: None assigned

UN Proper Shipping Name: None assigned

Transport Hazard Class: None assigned

Environmental Hazards: Non-hazardous

Guidance on Bulk Transport: None known

Special Precautions: Use best known practices when shipping in bulk
None known

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Section 15: Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislations specific for the chemical

Canada

WHMIS Classification: Considered to be a D2A and D2B hazardous material under the Hazardous Products Acts as defined by the Controlled Products Regulations and subject to the requirements of the Hazardous Products Act (HPA) and the CPR.

15.2 US Federal Information

SARA 302/311/312/313 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302, 311, 312 or 313.

RCRA: Silica is not classified as a hazardous waste under the Resource Conservation and Recovery Act, or its regulations, 40 CFR §261 et seq.

CERCLA: Silica is not classified as a hazardous substance under regulations of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), 40 CFR §302.

Emergency Planning and Community Right to Know Act (SARA Title III): Silica is not an extremely hazardous substance under Section 302 and is not a toxic chemical subject to the requirements of Section 313.

FDA: Silica is included in the list of substances that may be included in coatings used in food contact surfaces, 21 CFR §175.300(b)(3)(xxv).

NTP: Respirable silica occurring in industrial and occupational settings, is classified as Known to be a Human Carcinogen.

OSHA Carcinogen: Silica is not listed.

15.3 State Right to Know Laws

California Prop. 65 Components

WARNING: This product contains chemicals known to the State of California to cause cancer.

California Inhalation Reference Exposure Level (REL): California established a chronic REL of 3 µg for silica. A chronic REL is an airborne level of a substance at or below which no adverse health effects are anticipated in individuals indefinitely exposed to the substance at that level.

Massachusetts Toxic Use Reduction Act: Silica (respirable size, <10 microns) is "toxic" for purposes of the Massachusetts Toxic Use Reduction Act.

15.4 Global Inventories

DSL All components of this product are on the Canadian DSL list.

TSCA No.: Silica appears on the EPA TSCA inventory under the CAS No. 14808-60-7. All constituents are listed in the TSCA inventory.

Section 16: Other Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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