

SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : April 22, 2022

Print Date : April 24, 2024

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Pumice Stone (Ground Granules Fine)
Synonyms	:	Chemical Family - Silica
CAS #	:	1332-09-8
Country of Origin	:	USA
Product use	:	Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

CARCINOGENICITY-CATEGORY 1A

SPECIFIC TARGET ORGAN TOXICITY REPEATED EXPOSURE (INHALATION)-CATEGORY 1

GHS Label elements, including precautionary statements



Signal: Danger

Hazard statement(s)

H350	May cause cancer
H372	Causes damage to organs through prolonged or repeated exposure

Precautionary statement(s)

P260	Do not breathe dust/fumes/gas/mist/vapours/spray.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P264	Wash ... thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P284	[In case of inadequate ventilation] wear respiratory protection.
P270	Do not eat, drink or smoke when using this product.
P321	Specific treatment (see ... on this label).

P308+P311

If exposed or concerned: Call a POISON CENTER/ doctor/

P405

Store locked up.

P501

Dispose of contents/container to ...

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Silica, Quartz	14808-60-7		< 5 %
Pumice	1332-09-8		> 95 %

4. FIRST AID MEASURES

Eye contact

Flush with plenty of low pressure water for fifteen minutes, occasionally lifting eye lids. If irritation or redness develops, seek medical attention.

Skin contact

Wash with mild soap and plenty of water. Remove contaminated clothing and launder before reusing. Seek medical attention if irritation develops.

Inhalation

Allow the victim to rest in a well ventilated area. Get medical attention if cough or other symptoms develop.

Ingestion

Drink copious amounts of water. If symptoms persist consult a Doctor.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers. This material will not burn.

Special protective equipment and precautions for fire-fighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or its combustible products

Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting gases

Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Collect mechanically. Employ a vacuum, equipped with hepa (high efficiency particulate air) filter, for clean up of spilled material. If (leak/spill) no vacuum is available, use a broom and shovel to collect excess Powder. Residual material should be cleared, using wet sweeping to avoid dust. Avoid creating dusty conditions and prevent wind dispersal. Place in a metal container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with eyes, skin and clothing. Handle with care to avoid dust formation. Avoid inhalation of dust. Adequate ventilation must be provided at the usage site. Use approved dust respirator. Wash with plenty of soap and water before eating, drinking, smoking, or using toilet facilities. Eyewash bottles or eye showers should be available. Work clothes should be washed separately at the end of each working day.

Conditions for safe storage, including any incompatibilities

Ambient temperature, dry location . Keep container closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes

Dust tight goggles.

Respiratory

Niosh approved dust mask.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Off-white to grey powder.
Odor	:	Odorless.
Solubility (ies)	:	Insoluble in water.

10. STABILITY AND REACTIVITY

Reactivity

This material presents no significant reactivity hazard.

Chemical stability

Chemically stable.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Avoid sparks, flame and other heat sources.

Incompatible materials

Reacts with Hydrofluoric Acid.

Hazardous decomposition products

Carbon Oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity estimate> 2,000 mg/kg. Virtually nontoxic after a single ingestion. Method: calculation method.

Acute dermal toxicity Id50 (rabbit):> 2,000 mg/kg.virtually nontoxic after a single skin contact. Method: calculation method.

Carcinogenicity

May cause cancer. The respirable crystalline silica portion of this product is a carcinogen. This product or one of its ingredients present 0.1% or more is listed as a carcinogen or potential carcinogen by NTP, IARC or

OSHA.

Mutagenicity

No known significant effects or critical hazards

Reproductive toxicity

No known significant effects or critical hazards

Inhalation

Inhalation of crystalline silica can cause silicosis and may cause lung cancer. Risk of cancer depends on the duration and level of exposure.

Skin contact

May cause some irritation or discomfort.

Eye contact

May cause irritation or abrasion to eyes

Ingestion

Ingestion of a single dose is unlikely to cause harm.

12. ECOLOGICAL INFORMATION

Ecotoxicity

May cause long-term adverse effects in the aquatic environment.

Persistence and degradability

Not available.

Bio - accumulative potential

Not available.

Mobility in soil

Not available.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

US DOT Shipping Description (Land)

Not regulated.

IMO-IMDG Shipping Description (Sea)

Not regulated.

IATA Shipping Description (Air)

Not regulated.

15. REGULATORY INFORMATION

WHMIS Classification

This product has been classified in accordance with the hazard criteria of the Canadian Hazardous Products Regulations and the safety data sheet contains all the information required by the Hazardous Products Regulations. This product is WHMIS 2015 controlled.

DSL / NDSL

Listed on the DSL.

GHS Hazard Statements

See Section 2.

GHS Precautionary Statements

See Section 2.

16. OTHER INFORMATION

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Disclaimer & Caution

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