

Safety Data Sheet

Pumice Powder

Section 1: Identification

Product Name: Pumice Powder

Synonyms: Amorphous Aluminum Silicate

CAS Number: 1332-09-8

EINECS Number: 310-127-6

ACID Number: 99901E1050

TSCA Inventory: Listed as Pumice (CAS#1332-09-8)

DSL: DSL: Listed as Pumice (CAS#1332-09-8)

Details of Supplier of Safety Data Sheet: Windy Point Soap Making
Supplies Inc.
14, 6125-12th Street SE
Calgary, AB T2H 2K1
587-318-6678

Emergency Telephone Number (ChemTel – MIS3548100)

(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands
+1 813 248-0585 International

Section 2: Hazards Identification

Classification of the substance or mixture:

This product may contain trace amounts of crystalline silica. Crystalline silica dust is classified as Hazardous. Dust in/on the product or generated by crushing or abrasion may form crystalline silica of respirable size that is small enough to be inhaled into the lungs.

GHS Label elements, including precautionary statements: May be harmful if swallowed and enters airways

Hazards not otherwise classified or not covered by GHS: None

Section 3: Composition Information

Other principal inert components: Complex silicates or oxides of AL, K, Na, Fe, Ca, Mg, Ti.
Chemical Identity, major components: Amorphous Aluminum Silicate (Al_2O_3)

Common Names	CAS Number	Concentration
Pumice, Volcanic Glass	1332-09-8	>95%
Crystalline Silica (Quartz SiO ₂)	14808-60-7	<5%

HMIS (Hazardous Materials Identification System Ratings - NPCA/CPCA)

Based on hazard rating of 4 = Most severe

Health: 1

Flammability 0

Reactivity 0

Personal Protection: Use approved dust mask; goggles to prevent eye irritation.

Section 4: First Aid

Description of first aid measures:

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance.

If Inhaled: Move person into fresh air and consult a physician.

In case of eye contact: Flush eyes with water as a precaution and consult physician if necessary.

Most important symptoms and effects, both acute and delayed: Inhalation of dust which may contain respirable crystalline silica.

Indication of any medical attention and special treatment: None

Section 5: Fire and Explosion Hazard Data

Extinguishing media:

Not flammable or combustible

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Special hazards arising from the substance or mixture: Potential of respirable crystalline silica dust

Advice for firefighters: Wear self-contained breathing apparatus for fighting fire if necessary, avoid breathing dust.

Further Information: No data available

Section 6: Accidental Release

Sweep or vacuum up all spillage and place in suitable container.

Section 7 - Handling and Storage

Precautions for safe handling:

No special storage requirements

Avoid formation of dust

Provide appropriate exhaust ventilation at places where dust is formed

Conditions for safe storage, including any incompatibilities: No incompatibilities

Section 8: Exposure Controls / Personal Protection

Control Parameters

Ingredient	CAS No.	OSHA PEL TWA 8/40 h mg/m ³	ACGIH TLV TWA 8/40 h mg/m ³	NIOSH REL TWA 8/40 h mg/m ³	NIOSH IDLH mg/m ³
Pumice	1332-09-8	15 total dust 5 respirable	10	10 total dust 5 respirable	N.A.
Crystalline Silica (quartz)	1408-80-7	10 SiO ₂ 2 respirable	0.025 respirable	0.05 respirable	50

Exposure Controls:

Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practices.
Wash hands before breaks and at the end of workday.

Emergency Overview:

Pumice is an odorless white or grayish material that ranges from pebble to granular power.
Contact can cause irritation to eyes, skin, respiratory system, and gastrointestinal tract.

Potential Health Effects:

Eyes: Contact can cause irritation of the eyes

Skin: Contact can cause mild irritation of the skin

Ingestion: Can cause mild irritation of gastrointestinal tract if swallowed

Inhalation: This product can cause mild irritation of the respiratory system. Long term exposure may cause permanent damage. However, this product may contain trace amounts of crystalline silica in the form of quartz or cristobalite, which has been classified by IARC as Group 1 carcinogen to humans when inhaled. Inhalation of silica can also cause a chronic lung disorder, silicosis.

Medical Conditions Aggravated by Exposure

Contact may aggravate disorders of the eye, skin, gastrointestinal tract and respiratory system

Potential Environmental Effects:

Pumice is an inert material

Section 9: Physical/Chemical Properties (N/A = Not Applicable)

Information on basic physical and chemical properties

Appearance: Solid granular or powder
Odor: Slight earth-like odor
Odor Threshold: None
pH: 8-10

Melting point / Freezing point:	N/A
Flash Point:	N/A
Evaporation Rate:	N/A
Flammability:	N/A
Vapor Pressure / Density:	N/A
Relative Density:	2.4 g/cc
Water Solubility:	Insoluble
Decomposition Temperature:	N/A
Explosive Properties:	None
Oxidizing Properties:	None

Other Safety Information:

No Data Available

Section 10: Stability and Reactivity

Reactivity:	Non-Reactive
Chemical Stability:	Stable under recommended use and storage conditions
Possibility of Hazardous Reactions:	None
Conditions to Avoid:	Avoid contact with Hydrofluoric acid
Incompatible Materials:	Strong acid, strong bases, hydrogen fluoride
Hazardous Decomposition Products:	None

Section 11: Toxicological Information**Information on toxicological effects**

Acute toxicity:	No data available
Inhalation:	Trace amounts of respirable crystalline silica may cause cancer, California Prop.65
Dermal:	No data available
Skin corrosion/irritation:	No corrosion - possible mild irritation
Eye damage/eye irritation:	Avoid dust (nuisance)
Respiratory sensitization:	No data available
Skin sensitization:	No data available
Germ cell mutagenicity:	No data available
Rat:	An LD50 of 6450 mg/kg (rat oral) has been identified for this product. Pumice is not listed by MSHA, OSHA, or IARC as a carcinogen, but this product may contain crystalline silica which has been classified by IARC as a carcinogenic to humans when inhaled in the form of quartz or cristobalite
Reproductive toxicity:	No data available
Specific target organ toxicity - single exposure:	No data available
Specific target organ toxicity- repeated exposure:	No data available
Aspiration hazard:	No data available

Section 12: Ecological Information

Toxicity:	No data available
Persistence and Degradability:	No data available
Bio accumulative Potential:	No data available
Mobility in Soil:	No data available
Results of PBT and vPvB assessment:	No data available
Other Adverse Effects:	No data available

Section 13: Disposal Considerations

Measures should be taken to prevent dust generation during disposal. Dispose as non-toxic waste in an approved landfill in accordance with all federal, state, and local regulations

Section 14: Transportation Information

Pumice is not classified as a hazardous material by US DOT or REACH and is not regulated by the Transportation of Dangerous Goods (TOG) when shipped by any mode of transport

Section 15 Regulatory Information

US EPA Regulations

RCRA Hazardous Waste Number (40 CFR 261.33): Not listed
RCRA Hazardous Waste Classification (40 CFR 261): Not classified
CERCLA Hazardous Substance (40 CFR 302.4) unlisted specific per RCRA, Sec. 3001: CWA Sec. 311(b)(4):
CWA Sec. 307(a), CAA Sec. 112
CERCLA Reportable Quantity (RQ) Not listed
SARA 311/312 Codes: Not listed
SARA Toxic Chemical (40CFR 372.65) Not listed
SARA EHS (Extreme Hazardous Substance) (40 CFR 355) Not listed, Threshold Planning Quantity (TPQ) Not listed
All chemical ingredients are listed on the USEPA TSCA inventory list

OSHA/MSHA Regulations

Air contaminant (29 CFR 19110.1000, Table Z-1,Z-1-A) 5 mg/m³ TWA-8
MSHA Not listed

State Regulations:

Consultant local and state authorities for guidance.
Components found in this product may contain trace amounts of inherent naturally occurring elements (such as, but not limited to arsenic and cadmium) that may be regulated.
California Proposition 65 lists respirable crystalline silica (10 microns) as a carcinogen. This product may contain respirable crystalline silica

Canada

WHMIS Classification: "D2A" Material causing other toxic effects. Canada NDSL Listed

EU REACH

Pumice products are natural minerals and thus are explicitly exempted from regulations and evaluations.

Crystalline silica:

R48/20; Harmful, danger of serious damage to health by prolonged exposure through inhalation

NFPA Hazardous Class:

Health: 1 Flammability: 0 Reactivity: 0

www.windypointsoap.com

HMIS Hazardous Class

Health: 1 Flammability: 0 Reactivity: 0 Specific Hazard

Section 16: Other Information



GHS Warning May be harmful if swallowed and enters airways

Disclaimer & Caution

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