



Bare Ground/Just Scentsational
PO Box 3477
Framingham, MA 01705
978-439-9860

SAFETY DATA SHEET

Models: TP-5SC, TP-15BX, SLGP-5, SLGP-15, PS-1, HD-1, COY-1, GS-1, HS-1, DS-1, FS-1, CS-1

SECTION I. PRODUCT IDENTIFICATION

Product name: Domestic Pumice
Grades: 0, F, FF, FFF, FFFF, 4, 6, 8
Chemical family: Natural occurring, non-metallic mineral, product of mining

CAS No.: 1332-09-8

GHS Statement: 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.

WHMIS Statement: This product is classified as an UNCONTROLLED product according to WHMIS classification criteria.

REACH Statement: This product is EXEMPT from REACH registration in accordance with Section 1.6.4 (Substances exempted from registration) of the Guidance for Registration of the REACH regulation. As such, the obligations for downstream users and the provisions on substance and dossier evaluation do not apply.

SECTION II. HAZARD(S) IDENTIFICATION

2.1 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.

2.2 GHS Label elements, including precautionary statements:

May be harmful if swallowed and enters airways

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS:
None

SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS

Other principal inert components: Complex silicates or oxides of Al, K, Na, Fe, Ca, Mg, Ti.
Chemical identity, major components: Amorphous Aluminum Silicate (Al₂O₃)

<u>Common Names:</u>	<u>CAS #</u>	<u>Concentration</u>
Pumice, volcanic glass	1332-09-8	>99%
Crystalline Silica (Quartz SiO ₂)	14808-60-7	<1%

HMIS (Hazardous Materials Identification Systems Ratings – NFC/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 IV. FIRST-AID MEASURES

4.1 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.

4.2 Most important symptoms and effects both acute and delayed

Inhalation of dust which may contain respirable crystalline silica.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION V. FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Not flammable or combustible

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

5.2 Special hazards arising from the substance or mixture

Potential of respirable crystalline silica dust

5.3 Advise for firefighters

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

5.4 Further information

No data available.

SECTION VI. ACCIDENTAL RELEASE

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

SECTION VII. HANDLING AND STORAGE

7.1 Precautions for safe handling

No special storage requirements

Avoid formation of dust

Provide appropriate exhaust ventilation at places where dust is formed

7.2 Conditions for safe storage, including any incompatibilities

No incompatibilities

SECTION VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

<u>Ingredient</u>	<u>CAS</u>	<u>OSHA PEL</u> TWA 8/40 h mg/m3	<u>ACGIH TLV</u> TWA 8/40 h mg/m3	<u>NIOSH REL</u> TWA 8/40 h mg/m3	<u>NIOSH IDLH</u> mg/m3
Pumice	1332-09-8	15 total dust 5 respirable	10	10 total dust 5 respirable	N/A
Crystalline silica	14808-60-7	10 SiO2 2 respirable	0.025 respirable	0.05 respirable	50

8.2 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 powder.

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 eyes, skin, gastrointestinal tract and respiratory system.

Potential Environmental Effects

Pumice is an inert material.

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Solid granular or powder
Odor	Slight earth like odor.
Odor threshold	None
p-H	8-10
Melting point/freezing point	Not applicable.
Flash point	Not applicable.
Flammability	Not applicable.
Vapor Pressure/density	Not applicable.
Relative Density	2.4g/cc
Water Solubility	Insoluble.
Decomposition temperature	Not applicable.
Exploding properties:	None
Oxidizing properties:	None

9.2 Other safety information

No Data Available

SECTION X. STABILITY AND REACTIVITY

10.1 Reactivity	Non-reactive.
10.2 Chemical Stability conditions.	Stable under recommended use and storage

10.3 Possibility of hazardous reactions	None.
10.4 Conditions to avoid:	Avoid contact with hydrofluoric acid.
10.5 Incompatible materials:	Strong acid, strong bases, hydrogen fluoride.
10.6 Hazardous decomposition products:	None.

SECTION XI. TOXICOLOGICAL INFORMATION

Information toxicological effects

Acute toxicity: No data available.

Inhalation:	Trace amounts of respirable crystalline silica may cause
cancer,	

California Proposition 65.

Dermal: No data available.

Skin corrosion/irritation	No corrosion, possible mild irritation.
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Serious eye damage/eye irritation Avoid dust (nuisance).

Respiratory or skin sensitization: No data available.

Germ cell mutagenicity	No data available.
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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.
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Specific target organ toxicity – single exposure: No data available.

Specific target organ toxicity – repeated exposure: No data available.

Aspiration hazard	No data available.
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SECTION XII. ECOLOGICAL INFORMATION

12.1 Toxicity: No data available.

12.2 Persistence and degradability: No data available.

12.3 Bioaccumulative potential: No data available.

12.4 Mobility in soil: No data available.

12.5 Results of PBT and vPvB assessment: No data available.

12.6 Other adverse effects: No data available.

SECTION XIII. 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 XIV. TRANSPORT INFORMATION

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

SECTION XV. REGULATORY INFORMATION

US federal regulations

RCRA Hazardous Waste Number (40 CFR 261.33): Not listed
RCRA Hazardous Waste Classification (40 CFR 261): Not classified
CERCLA Hazardous Substance List (40 CFR 302.4): unlisted specific per RCRA, Sec.3001;
CWA Sec. 311(b)(4): CSW sec. 307(a), CAA Sec. 112.
CERCLA Reportable Quantity (RQ): Not listed
SARA 311/312 Codes: Not listed.
SARA Toxic Chemical (40 CFR 372.65): Not listed.
SARA EHS (Extremely 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:

Consult 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: "DA2" Material causing other toxic effect. 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

HMIS Hazardous Class:

Health: 1 Flammability: 0 Reactivity: 0

SECTION XVI.

OTHER INFORMATION

Preparation date

2018

Further information

GHS Warning

D2A

May be harmful if swallowed and enters airways

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.