

Issue Date: 2018-01-01

Identity (As used on Label and List) Note: Blank spaces are not permitted. If any item is not applicable, or information is not available, the space must be marked to indicate this.

CAS No. 1332-09-8

EINECS No. 310-127-6 (N/A = Not Applicable)

ACID No. 99901E1050

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

DSL: Listed as Pumice (CAS # 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.

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification: Pumice / Amorphous Aluminum Silicate

Catalog Numbers: 2F, 4F

Supplier's Name: C.R. Laurence Co., Inc.
2503 E. Vernon Ave
Los Angeles, Ca 90058-1826

Telephone: (323) 588-1281

Emergency Phone Number: CHEMTREC: 1-800-424-9300 (24 hours)

2. HAZARDS 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.



HMIS Hazardous Class

Health: 1 Flammability: 0 Reactivity: 0

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

3. 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)**

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

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.

4. FIRST AID MEASURES

Material is non-poisonous.

Eyes – Flush with copious amounts of clean water for 15 minutes. If irritation persists, consult a physician.

Inhalation – Blow nose, rinse mouth, drink water to clear throat. Remove to fresh air.

4.1 Description of first aid measures:

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

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 medical attention and special treatment. None

5. 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

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

7. 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

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Respiratory Protection: Use an approved dust mask, such as a particulate filter respirator.

Protective Gloves: Not Required

Eye Protection: Goggles recommended.

Other Protective Clothing or Equipment: Not Required

Work / Hygienic Practices: Avoid vigorous shaking of bags. Clean clothes with vacuum hose, not by blowing off.

8.1 Control Parameters

Ingredient	CAS	OSHA PEL TWA 8/40 h Mg/m3	ACGIH TLV TWA 8/40 h mg/m3	NIOSH REL TWA 8/40 h mg/m3	NIOSH IDLH mg/m3
Pumice	1332-09-8	15 total dusts 5 respirable	10	10 total dusts 5 respirable	N.A.
Crystalline Silica (quartz)	1408-80-7	10 SiO ₂ 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 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

9. PHYSICAL AND CHEMICAL PROPERTIES

(N/A = Not Applicable)

9.1 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:	

9.2 Other safety information No Data Available

None

10. STABILITY AND REACTIVITY

Incompatibility (Materials to Avoid): No Incompatibility. (Reacts with hydrofluoric acid: soluble in HF)

Hazardous Decomposition of Byproducts: May react with hydrofluoric acid to form toxic silicon tetra-fluoride gas.

10.1 Reactivity:	Non-Reactive
10.2 Chemical Stability:	Stable under recommended use and storage conditions
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

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
Serious eye damage/eye irritation:	Avoid dust (nuisance)

Respiratory or 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

12. ECOLOGICAL INFORMATION

12.1 Toxicity:	No data available
12.2 Persistence and degradability:	No data Available
12.3 Bio accumulative 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

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.

14. 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.

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

HMIS Hazardous Class:

Health: 1

Flammability: 0

Reactivity: 0

Specific Hazard

16. OTHER INFORMATION

Prepared by: CR Minerals

Date 2018



GHS Warning
harmful if swallowed



D 2 A
and enters airways



May be