

## MATERIAL SAFETY DATA SHEET

# PUMICE POWDER

# MSDS

### 1. PRODUCT NAME AND COMPANY IDENTIFICATION

**Product Name:** PUMICE POWDER  
**Product Use:** Personal Care Formulations  
**Company Name:** Natural Sourcing  
**Company Address:** 341 Christian Street, Oxford, CT 06478, USA  
**Date Issued:** 1/1/2008  
**Emergency Telephone Number:** Chemtrec Tel: (800) 262-8200

### 2. COMPOSITION/INGREDIENT INFORMATION

**Ingredients:**

Pumice	>99%	CAS No: 1332-09-8
Crystalline Silica	<0.1%	CAS NO: 14808-60-7
Chemical Family:	Non-metallic silicate minerals	
Formula:	SiO <sub>2</sub> 72%, Al <sub>2</sub> O <sub>3</sub> 12.5%, K <sub>2</sub> O & Na <sub>2</sub> O 11.1%	

**Hazardous Components:** This product may contain low levels of crystalline silica, however, there is no evidence to indicate that the trace amounts of crystalline silica present in this product will cause any carcinogenic effect. All ingredients not hazardous according to EU Criteria.

### 3. HAZARDS IDENTIFICATION

**Preservatives & Solvents:** None  
**Other Gases & Liquids:** None  
**Major Solids:** Pumice: non-hazardous  
**Other Solids:** This mineral contains small amounts of quartz (CAS#: 14808-60-7) greater than 0.1% in non-respirable bulk material and less than 0.1% in the respirable material.

**Safety Phrases:** S22 Do not breathe dust.

**Routes of Entry**

**Eye Contact:** May cause mechanical irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

**Skin Contact:** May cause mechanical irritation to the skin, with effects including; Redness and itchiness.

**Ingestion:** Very low hazard, difficulty in swallowing pumice would prevent injury.

**Inhalation:** Inhalation of dust may cause upper respiratory irritation, coughing and wheezing.

#### 4. FIRST AID MEASURES

<b>Eyes:</b>	Flush with plenty of water for 15 minutes. Get medical attention if irritation persists.
<b>Skin:</b>	Wash with soap and water.
<b>Ingestion:</b>	If swallowed, <b>DO NOT</b> induce vomiting. If conscious, give 1 to 2 glasses of water to drink. If irritation persists transport to hospital.
<b>Inhalation:</b>	Move victim to fresh air. Apply resuscitation if victim is not breathing. Administer oxygen if breathing is difficult.
<b>Note to Physician:</b>	Treat symptomatically.

#### 5. FIRE FIGHTING MEASURES

<b>Flammability:</b>	This material is not a combustible or flammable solid.
<b>Extinguishing Media:</b>	Will not burn. Use extinguishing media suitable for surrounding fire situation.
<b>Special Firefighting Procedures:</b>	Manage bulk quantities to eliminate flammable air-dust mixtures. Keep free of ignition sources. Fire fighters should wear self-contained breathing apparatus in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.
<b>Unusual Fire &amp; Explosion Hazards:</b>	N/A
<b>Hazard Thermal Decomposition Products:</b>	Primary decomposition products include oxides of silicon, and small quantities of noxious smoke.

#### 6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

<b>Methods for Cleaning Up:</b>	This product is a heavy powder. If safe to do so, wet area to prevent high dust levels. Wear suitable protective equipment. Shovel up any spilled material or, if available, use dustless methods, such as a HEPA vacuum and filter. Place waste into suitably labeled container for disposal.
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#### 7. HANDLING AND STORAGE

<b>Handling</b>	
<b>Safe Handling:</b>	Avoid generating and inhaling dusts. Provide adequate ventilation. Low hazard product.
<b>Storage</b>	
<b>Requirements for Storage Areas and Containers:</b>	Store in cool, dry storage area. Keep away from ignition sources.

#### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

<b>Engineering Controls:</b>	Maintain adequate ventilation at all times. Maintain eye wash stations near work areas.
<b>Eye:</b>	Safety glasses should be worn
<b>Skin/Body:</b>	Gloves & Aprons should be worn. Remove contaminated clothing and wash before reuse. Wash hands after handling.
<b>Respiratory:</b>	Use 3M 9000 (or equivalent) dusk mask or NIOSH-approved respiratory devices.
<b>Other:</b>	Evaluate need based on application.
<b>Work/Hygiene Practice:</b>	Wash after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Free flowing granular material
<b>Color:</b>	Gray
<b>Odor:</b>	None
<b>pH:</b>	N/A
<b>Vapor Pressure (mm Hg.):</b>	N/A
<b>Vapor Density (AIR = 1):</b>	N/A
<b>Boiling Point: (@ 760 mmHg)</b>	N/A
<b>Melting Point:</b>	N/A
<b>Specific Gravity: (H<sub>2</sub>O = 1)</b>	2.6 true, 0.3 to 0.6 apparent
<b>Evaporation Rate:</b>	N/A
<b>Solubility in Water:</b>	Insoluble
<b>Water Reactive:</b>	No

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions
<b>Incompatibility (Materials to Avoid):</b>	None
<b>Hazardous Decomposition or Byproducts:</b>	Primary decomposition products include oxides of silicon, and small quantities of noxious smoke.
<b>Conditions to Avoid:</b>	None
<b>Hazardous Polymerization:</b>	Will not occur

## 11. TOXICOLOGICAL INFORMATION

<b>Exposure Limits:</b>	OSHA PEL 80 mg/m <sup>3</sup> ACGIH TLV 80 mg/ m <sup>3</sup>
<b>Health Hazards:</b>	
<b>Inhalation Acute:</b>	Transitory upper respiratory irritant
<b>Inhalation Chronic:</b>	Long term exposure to dust may cause serious pulmonary and lung damage.
<b>Signs and Symptoms of Overexposure:</b>	Accidental exposure may result in coughing, wheezing, and irritation of upper respiratory tract.
<b>Carcinogenicity:</b>	
<b>IARC Pumice:</b>	The international agency for research on cancer (IARC) Monograph Vol. 68 (1997) - in group 3 (not Classifiable as to carcinogenicity to humans).
<b>IARC Silica:</b>	This product contains trace levels of crystalline silica which IARC classifies as carcinogenic to humans. (Group 1 - carcinogenic to humans) (refer to IARC Monograph 68, Silica, Some Silicates and Organic Fibers, published June, 1997).
<b>NTP:</b>	No
<b>OSHA Regulated:</b>	No
<b>Medical Conditions Generally Aggravated by Exposure:</b>	Pre-existing asthma, bronchitis, emphysema and other lung and respiratory ailments may be aggravated by overexposure.
<b>HMIS Health Hazard Rating:</b>	0

## 12. ECOLOGICAL INFORMATION

There is no ecological information available for this product, it is not considered an environmental hazard to the environment

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods:** Material is not considered hazardous under federal regulations. Dispose in accordance with state and local regulations.

## 14. TRANSPORT INFORMATION

<b>DOT Classification:</b>	Not regulated
<b>Class/Division:</b>	Not restricted
<b>Proper Shipping Name:</b>	NA
<b>Label:</b>	None
<b>Packing Group:</b>	NA
<b>ID Number:</b>	NA
<b>Hazard:</b>	NA

## 15. REGULATORY INFORMATION

None

## 16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.  
This product is not considered hazardous.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.