

Material Safety Data Sheet

Pumice Stone

Section 1: Chemical Product and Company Identification

Product Name : Pumice Stone
Chemical Formula : -
Company Identification : Tradeasia International Pte Limited
Email : contact@chemtradeasia.com

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Pumice Stone	1332-09-8	100

Toxicological Data on Ingredients: Pumice Stone: LD50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects:

Hazardous in case of skin contact (irritant), of eye contact (irritant). Slightly hazardous in case of ingestion, of inhalation.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC. MUTAGENIC EFFECTS: Mutagenic for mammalian somatic cells. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available.

Section 4: First Aid Measures

Eye Contact:

Get medical aid. Do NOT allow victim to rub eyes or keep eyes closed. Gently lift eyelids and flush

continuously with water.

Skin Contact:

Get medical aid. Flush skin with plenty of soap and water.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation:

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Serious Inhalation:

Not available.

Ingestion:

If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid if irritation or symptoms occur.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: Not available.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Thermal decomposition can lead to release of irritating gases and vapors.

Fire Hazards in Presence of Various Substances:

Emits toxic fumes under fire conditions.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:

Sweep up or vacuum up spillage and collect in suitable container for disposal. Do not let this chemical enter the environment and dispose of according to local and regional authority requirements.

Large Spill: Not available.

Section 7: Handling and Storage

Precautions:

Avoid contact with skin and eyes. Do not breathe dust. Do not breathe vapors or spray mist. Do not ingest.

Storage:

Keep in a dry, cool and well-ventilated place. Keep container tightly closed.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection:

Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance : Solid. (free flowing powder)

Odor : Odorless

Taste	: Not available.
Molecular Weight	: Not available.
Color	: Cream to rose.
pH (1% soln/water)	: Not available.
Boiling Point	: Not available.
Melting Point	: Rose: 1640°C; Cream: 1707°C
Critical Temperature	: Not available.
Specific Gravity	: 2.15-2.45 (Water = 1)
Vapor Pressure	: Not available.
Vapor Density	: Not available.
Volatility	: Not available.
Odor Threshold	: Not available.
Water/Oil Dist. Coeff.	: Not available.
Ionicity (in Water)	: Not available.
Dispersion Properties	: Not available.
Solubility:	
Insoluble in cold water.	

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Incompatible products.

Incompatibility with various substances: Strong oxidizing agents, chlorine trifluoride, manganese trifluoride, oxygen difluoride, hydrochloric acid, magnesium, sodium, vinyl acetate, hydrofluoric acid, strong acids, strong bases, fluorine, manganese trioxide, hydrogen fluoride.

Corrosivity: Not available.

Special Remarks on Reactivity:

Contact with hydrofluoric acid liberates toxic/corrosive silicon tetrafluoride gas.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals: Not available.

Chronic Effects on Humans: CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available.

Other Toxic Effects on Humans: Not available.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: There is sufficient evidence of the carcinogenicity of this substance in experimental animals (reasonably anticipated carcinogen). IARC - Group 2A (probably carcinogenic to humans).

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects: Skin: Dust may cause irritation due to abrasive action. Eyes: Dust may cause redness, irritation and possible damage to the cornea due to abrasiveness. Ingestion: Not available. Inhalation: Dust may cause coughing, sneezing, and dyspnea. May cause delayed lung injury. **Chronic Potential Health Effects:** Prolonged or repeated exposure to crystalline silica may cause silicosis. Silicosis usually develops gradually over 10 years or more of exposure. However, "acute" silicosis can develop if very high concentrations are inhaled over a short period of time.

Section 12: Ecological Information

Ecotoxicity: Do not empty into drains.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: : Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventor

Other Regulations: Not available

Other Classifications:

WHMIS (Canada): Not controlled under WHMIS (Canada).

DSCL (EEC): Not available

HMIS (U.S.A.):

Health Hazard:

Fire Hazard:

Reactivity:

Personal Protection:

National Fire Protection Association (U.S.A.):

Health:

Flammability:

Reactivity:

Specific hazard:

Protective Equipment:

Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent.
Splash goggles.

Section 16: Other Information

References: Not available

Other Special Considerations: Not available.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall Tradeasia International Pte. Ltd. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Tradeasia International Pte.Ltd. has been advised of the possibility of such damages.