Pure Ingredients
Cosmetics • Personal care • Natural health

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PUMICE MILLED MEDIUM – SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

PRODUCT IDENTIFIER

Products Description	Pumice Milled - Fine
Relevant identified uses of the substance	Horticulture, cryogenic insulation, construction, etc

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients Ltd
Address	21b Akatea Road, Glendene, Auckland 0602 New Zealand
Telephone	+649 8135619
Website	www.pureingredients.co.nz
Email	compliance@pureingredients.co.nz

EMERGENCY TELEPHONE NUMBER

Emergency telephone numbers	111
Other emergency telephone numbers	0800 764 766

SECTION 2 HAZARDS IDENTIFICATION

Acute – Ingestion: No adverse effects expected.
Acute – Eye: Exposure to the dust may cause discomfort due to the particulate nature.
Acute – Skin: Not expected to be a skin irritant.
Acute – Inhalation: Inhalation of dust may result in respiratory irritation.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Description: Milled Pumice is essentially an amorphous, hydrated glassy volcanic rock of rhyolitic composition, consisting primarily of fused sodium potassium aluminium silicate.

Name	CAS Proportion
May contain,crystalline silica:	14464-46-1; less than 0.1%
Cristobalite Quartz:	14808-60-1; less than 0.1%

SECTION 4 FIRST AID MEASURES

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

Ingestion: Rinse mouth with water - give plenty of water to drink. If vomiting occurs give further water. Seek medical advice

Eye: Irrigate with copious quantities of water for 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Skin: Wash contaminated skin with plenty of soap and water. If irritation occurs seek medical advice. Remove victim from exposure - avoid becoming a casualty.

Inhalation: Remove contaminated clothing and loosen remaining clothing. Patient to assume most comfortable position and keep at rest until fully recovered.

Advice to Doctor: Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

Milled Pumice is a fully oxidized non-flammable mineral. It is non-combustible

SECTION 6 ACCIDENTAL RELEASE MEASURES

Use respirators suitable for nuisance dust & eye protection. Sweep up, but avoid generating dust.

SECTION 7 HANDLING AND STORAGE

Avoid skin and eye contact when breathing in dust. Not defined as a Dangerous Good. Store in a cool, dry place. Keep containers closed when not in use – check regularly for spills.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: STEL: mg/m3 ppm

TWA: mg/m3ppm. May contain Crystalline silica: 0.1

Other Exposure Info: No value assigned for this specific material by the Occupational Health & Safety

Engineering Controls:	Ensure ventilation is adequate to maintain air concentrations below exposure Standard. Avoid generating and inhaling dust. Keep containers closed when not in use.
Protective Equipment:	No specific safety equipment required. Preferable to avoid skin and eye contact and inhalation of dust. Wear overalls, safety glasses and impervious gloves. Avoid generating and inhaling dust. If dust exists, wear dust mask/respirator meeting the requirements of AS1715 and AS1716. Always wash hands before eating, drinking or using the toilet. Wash contaminated clothing and other PPE before storage or re-use.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brown Grit.
Form:	Solid
Melting Point:	Approx. 1250c
Boiling Point:	Not applicable
Vapor Pressure:	Not applicable
Specific Gravity:	2100kg/m3
Flash Point:	Not applicable
Flamm. Limit LEL:	Not applicable
Explosion Data:	Not applicable

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable

Incompatibility:	None (reacts with hydrofluoric acid; soluble in HF)
Hazardous Polymerization:	Will not occur
Conditions to avoid:	None

SECTION 11 TOXICOLOGICAL INFORMATION

Inhaling crystalline silica-containing dust can aggravate upper respiratory conditions such as asthma or emphysema. Long term exposure to mineral dust which contains crystalline silica can cause the lung disease silicosis. A recent review by the International Agency for Research into Cancer of public literature on the carcinogenic risk of silica and silicates has concluded that there is limited evidence for the carcinogenicity of crystalline silica to humans'.

SECTION 12 ECOLOGICAL INFORMATION

Avoid contaminating waterways.

SECTION 13 DISPOSAL CONSIDERATION

Dispose in bulk or containerised according to local regulations. Normally approved for disposal at approved land waste sites.

SECTION 14 TRANSPORT INFORMATION

Not defined as a Dangerous Good

SECTION 15 REGULATORY INFORMATION

Based on the information available it is not classified as hazardous.

SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product, but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

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