



Safety Data Sheet

Egmont Pumice

1. IDENTIFICATION

Trade Name	Pumice
Substance	99% Pumice. 1% Crystalline Silica
Product Use	Propagating media
Company Identification	Egmont Commercial Ltd
Address	347 Marshs Road Halswell Chrishtchurch
Customer Centre	03 349 5546
Poisons Information Centre	0800 764766 New Zealand
Emergency Telephone Number	IN AN EMERGENCY DIAL 111 – FIRE OR POLICE

2. HAZARD IDENTIFICATION

Statement of Hazardous Nature

This product is not classified as a hazardous substance according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

Dangerous Goods

Not a dangerous good

Safety Phrases

Not Hazardous. No criteria found

3. Composition Information

Ingredients

Silica – crystalline (quartz). Naturally occurring metal oxides

CAS Number

14808-60-7

4. FIRST AID MEASURES

Emergency Overview

Physical Description and Colour

Course, grey brown particulate

Odour

Odourless

Ingestion

Emergency procedures not normally required, may be a temporary irritant to the gastrointestinal system if excessive



quantities are ingested. Seek medical attention if irritation occurs.

Inhalation	Remove person to fresh air. Drink water to clear throat and blow nose to evacuate dust. If coughing and irritation develops seek medical attention. If not breathing give CPR and seek medical attention immediately.
Skin Contact	Flush with copious quantities of water. Follow good hygiene practices and wash with mild soap and water after each exposure.
Eye Contact	Immediately hold eyelids open, check for and remove any contact lenses. Flush eye with plenty of water for at least 15 minutes. Seek medical attention if irritation occurs.

5. FIRE FIGHTING MEASURES

Fire Hazard Properties	Substance is not flammable.
Extinguishing Media	Use fire-fighting media suitable for surrounding fire.
Recommended Protective Clothing	Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Spills and Disposal	Recover for re-use where possible. Shovel, sweep or vacuum material into container taking care to minimise dust. Wet down if necessary to control dust.
Protective Clothing	Wear respiratory protection.
Environmental Precaution	Avoid contamination of waterways. Material may block drains and waterways.

7. HANDLING AND STORAGE

Handling	Dust suppression and/or use of covers. No other special handling requirements.
Storage	No special storage requirements apart from dust suppression and/or use of cover.
Packaging	Not applicable – products are not supplied in packaged form.



8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Standards	Silica – crystalline (quartz) 0.2mg/m ³ respirable dust (NZ WES – TWA) 0.5mg/m ³ respirable dust (ACGIH TLV) Dust: 10mg/m ³ inspirable dust (NZ WES – TWA) 3 mg/m ³ respirable dust (NZ WES – TWA)
Engineering Controls	Use water for dust suppression when handling this material. Segregate dust activities.
Ventilation	Ensure ventilation is sufficient to maintain air levels below the workplace exposure standards. HEPA filters are recommended where mechanical ventilation is required.
Respirator	Respiratory protection should be worn if ambient levels exceed the exposure standard. Recommended respirator selection depends on ambient levels – refer to the OSH guide to respiratory protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Description and Colour	Varying.
Odour	Odourless.
Solubility	Insoluble in water
Boiling Point	Not available
Freezing/melting Point	Not available
Autoignition Temp	Not applicable – does not burn

10. STABILITY AND REACTIVITY

Stability	This product is unlikely to react or decompose under normal storage conditions. Is stable under normal conditions of use.
Conditions to Avoid	None.
Incompatibilities	None.
Hazardous Decomposition	None
Polymerisation	This product will not undergo polymerisation reactions.



11. ECOLOGICAL INFORMATION

General	All ingredients in this product are naturally occurring minerals. Unless contaminated in service, this product is non-hazardous to the environment.
Environmental Effects	Potential contamination of waterways. Potential nuisance effects from dust.

12. TOXICOLOGICAL INFORMATION

General	The health effects of this material are associated with exposure to dust.
Acute Effects	
Ingestion	Non-toxic by ingestion. (crystalline silica LD50 Rat Oral >22,500mg/kg)
Skin Contact	Non-toxic by skin exposure
Eye Contact	Exposure to dust may cause eye irritation.
Inhalation	Inhalation of dust may cause irritation of the respiratory system.
Chronic Effects	
Acute toxicity/chronic toxicity	crystalline silica (quartz) has been classified by the International Agency for Research on Cancer (IARC) as Carcinogenic to Humans (Group 1). Prolonged high intensity exposure to crystalline silica dust may cause chronic lung scarring which leads to a massive fibrosis and other respiratory infections. There is an increased risk of impaired health due to a combination of smoking and silica dust exposure.

13. DISPOSAL INFORMATION

Disposal	Where possible, recover material for re-use. No special disposal requirements necessary. Avoid contamination of waterways.
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14. TRANSPORT INFORMATION

ADG Code	This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations.
UN Number	None allocated
Hazchem Code	None allocated
ADG Classification	None allocated. Not a Dangerous Good under the ADG Code

15. REGULATORY INFORMATION

Regulatory Status	Not classified as a Hazardous Substance according to the Hazardous Substances (Minimum Degrees of Hazard) Regulation 2001.
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16. OTHER INFORMATION

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