



MATERIAL SAFETY DATA SHEET

Perlite

Not Classified as Hazardous according to criteria of Worksafe Australia

COMPANY DETAILS

Company Name: Ozperl Pty Ltd
Address: 23-25 Wentworth St Greenacre NSW 2190
Emergency Telephone: (02) 96424745
Tel/Fax: Ph: (02) 96424745 Fax: (02) 97425164

IDENTIFICATION

Product Name: PERLITE
Shipping Name (CSN): Applicable
Other Names: Name
 Not available
UN Number: Not Regulated
Packaging Group: Regulated
DG Class: Not Regulated
Hazchem Code: Regulated

Product Use: Extender, flattening agent, filter aid, carrier for pesticides, etc.

Physical Data

Appearance: Odourless white to off white powder.
Melting Point: Not available
Vapor Pressure: Not applicable
Flash Point: Non applicable
Boiling Point: Not applicable
Specific Gravity: 2.34 kg/m³
Explosion Data: Not applicable

Other Properties

Form: Solid

Ingredients

Ingredients:	Name	CAS	Proportion
	Flux calcined diatomaceous earth	68855-54-9	85.00-95.00%
	Cellulose fibre *	65996-61-4	5.00-15.00%
	*May contain, Crystalline silica:	14464-46-1	0-50.00%
	*Cristobalite Quartz	14808-60-1	0-5.00%

HEALTH HAZARD INFORMATION

Health Effects

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.
Chronic: Evidence indicates that repeated or prolonged exposure to Perlite dust could result in lung disorders.
First Aid
Ingestion: Rinse mouth with plenty of 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.
Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position. Keep at rest until fully recovered.

Advice to Doctor

Advice to Doctor: Treat symptomatically

PRECAUTIONS FOR USE

Exposure Limits	Name	STEL		TWA		TWA Footnote
		mg/m3	ppm	mg/m3	ppm	
	* May contain Crystalline silica			0.1		

Other Exposure Info.: No value assigned for this specific material by the National Occupational Health & Safety Commission (WorkSafe Australia). However, exposure standards for constituents, Christobalites (respirable) TWA mg/m3 0.05 quartz TWA mg/m3 0.1.

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.



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Personal Protection

Protective Equipment: EYE: Safety glasses. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them. HANDS AND FEET: Wear general protective gloves: ie. Disposable polythene gloves or cotton gloves or light weight rubber gloves, with barrier cream preferably. Always wash hands before eating, drinking or using the toilet. Safety footwear. OTHER: Overalls. Eye wash unit. If dust exists, wear a dust mask/respirator meeting the requirements of AS1715 and AS1716. The local concentration of the material, quantity and condition of use determine the type of personal protective equipment required. For further information consult your Occupational Health and Safety Advisor.

Flammability

Fire Hazards: Non Combustible material. Not considered to be a significant fire risk, however in a fire containers may decompose on heating and produce toxic/ corrosive fumes of sulfuroxides (SOx) and Calcium oxide.

SAFE HANDLING INFORMATION

Storage and Transport

Storage Precautions: STORAGE REQUIREMENTS Observe manufacturer's storing and handling recommendations. Protect containers against physical damage. Keep dry. Check regularly for spills and leaks. STORAGE INCOMPATIBILITY: None. TRANSPORT: No restrictions.

Shipping Name (CSN): Not Applicable

Spills and Disposal

Spills and Leaks: MINOR SPILLS: Clean up all spills immediately. Wear impervious gloves and safety glasses and approved dust respirator. Use dry clean up procedures and avoid generating dust. Place spilled material in clean, dry sealable, labelled container. DISPOSAL: Recycle where possible. Consult State Land Waste Management Authority for disposal. Bury residue in an authorised landfill.

Fire/Explosion Hazard

Fire/Explos. Hazards: Non Combustible material. Not considered to be a significant fire risk, however in a fire containers may decompose on heating and produce toxic/ corrosive fumes of sulfuroxides (SOx) and Calcium oxide.

Hazchem Code: Not Regulated

OTHER INFORMATION

Packaging & Labelling: Packaging as recommended by manufacturer. Paper bag with sealed plastic liner. Multi-ply woven plastic or paper bag with sealed plastic liner. Check that containers are clearly labelled.

Toxicology: 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'. We believe, however, that there is no possibility of developing cancer where adequate precautions have been adopted to prevent silicosis.

CONTACT POINT

Contact: In the case of an emergency, contact the Technical Manager on (02) 96424745 or, for additional information on this or other products, contact by fax on (02) 97425164. This material safety data sheet and the information contained herein is provided for the sole purpose of enabling persons handling and using the product to do so with safety. The information herein is believed to be an accurate transcription from data sheets provided by the manufacturer.

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