



EXFOLIATORS (AUST) PTY LTD ABN 98 477 971 939

MATERIAL SAFETY DATA SHEET

Infosafe No.	4AD54	Issue Date: December 2000	ISSUED by EXFOL
Product Name:	EXPANDED PERLITE		

Not Classified as Hazardous according to criteria of NOHSC

COMPANY DETAILS

Company Name	Exfoliators (Aust) Pty Ltd (ABN 98 477 971 939)		
Address	Factory 3/9 Pottery Road, Somerville, Victoria, 3912		
Emergency Telephone No.	(03) 5977 5303		
Telephone / Facsimile	Ph: (03) 5977 5303	Fax: (03) 5977 7397	

IDENTIFICATION

Product Name	EXPANDED PERLITE
Proper Shipping Name	None Allocated
UN Number	None Allocated
DG Class	None Allocated
Packing Group	None Allocated
Hazchem Code	None Allocated
Poisons Schedule	Not Scheduled
Product Use	Hydroponics, Horticulture, Insulation, Lightweight Concrete, Refractory Insulation, Filler, Texture Coating, Cryogenic Insulation, Absorbent.

PHYSICAL DATA

Appearance	Free flowing, pure white granules with no odour.
Melting Point	Approx. 1250°C
Boiling Point	Not Available
Vapour Pressure	Not Applicable
Specific Gravity	2.2 - 2.5 (water=1)
Flash Point	Not Applicable
Flamm. Limit LEL	Not Applicable
Flamm. Limit UEL	Not Applicable
Solubility in Water	Insoluble

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OTHER PROPERTIES

pH Value	7 - 8 @ 10% concentration in water.
Solubility in Organic Solvents	Insoluble in common organic solvents.
Form	Solid
Stability	Stable under normal conditions.
Haz. Polymerization	Will not occur.
Other Information	Bulk Density: 45 - 120kg/m ³

INGREDIENTS

Ingredients	Name	CAS	Proportion
	Perlite	93763-70-3	99.90 - 100%
Information on Composition	This product contains <0.1% crystalline silica.		

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Acute - Swallowed	Not a likely source of exposure, however if swallowed may cause slight irritation to the throat, oesphagus and stomach.
Acute - Eye	Contact with the eyes may cause mechanical irritation, resulting in redness and lachrymation. Not anticipated to cause permanent eye injury.
Acute - Skin	No known effects.
Acute - Inhaled	Inhalation of airborne dust may cause irritation to the mucous membrane and upper airways. Symptoms of exposure can include coughing, sneezing and breathing difficulties.
Chronic	Repeated or prolonged exposure to this material may result in skin irritation in individuals with sensitive skin. Inhalation or airborne dust may cause irritation to the respiratory tract and aggravate existing respiratory disorders.

FIRST AID

Swallowed	Have victim wash out mouth with water and then give water to drink. If a large quantity is swallowed or irritation develops seek medical attention.
Eyes	If contact with the eye(s) occur, wash with copious amounts of water holding eyelid(s) open. If irritation develops and persists seek medical attention.
Skin	Wash with water and soap.
Inhaled	Remove the source of contamination or move the victim to fresh air. Have victim blow nose to remove excess dust. Ensure airways are clear and have a qualified person give oxygen through a face mask if breathing is difficult. If irritation develops and persists seek medical attention.
First Aid Facilities	Normal washroom facilities.

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ADVICE TO DOCTOR

Advice to Doctor Treat symptomatically

OTHER HEALTH HAZARD INFORMATION

PRECAUTIONS FOR USE

Exposure Limits	Name	TWA		STEL		Footnote
		ppm	mg/m ³	ppm	mg/m ³	
	Perlite		10			TWA: Total Dust
Other Exposure	No exposure standards have been established for this material, however, the TWA National Occupational Health and Safety Commission (NOHSC) exposure standards for dust not otherwise specified is 10mg/m ³ .					
Eng. Controls	Natural ventilation should be sufficient, however where dust is generated the use of a mechanical exhaust ventilation system (drawing dust away from workers breathing zone) is recommended.					

PERSONAL PROTECTION

Respirator Type (AS 1716)	Where ventilation is inadequate and dust is generated the use of an Air Purifying Respirator with a Class P1 filter complying with AZ/NZS 1715 and AZ/NZS 1716 is recommended.
Eye Protection	The use of chemical goggles or safety glasses with side shield protection complying with AS/NZS 1337 is recommended.
Glove Type	Not required.
Clothing	The use of sleeves and overalls are recommended.

FLAMMABILITY

Fire Hazards	Non flammable or combustible.
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SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

Storage Precautions	Store in a cool dry place, out of direct sunlight.
Transport	Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (6 th Edition).
Handling	Use in a well ventilated area. Wear appropriate protective equipment. Ensure a high level of personal hygiene is maintained when using this product. That is, always wash hands before eating, drinking, smoking or using the toilet.
Proper Shipping Name	None allocated
EPG Number	
IERG Number	

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SPILLS AND DISPOSAL

Spills & Leaks	Increase ventilation. Wear sufficient respiratory protection and protective clothing. Sweep or vacuum material avoiding dust generation or dampen spilled material with water to suppress airborne dust. Transfer material to a suitable container for recycling or disposal. Wash surfaces well with water. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
Disposal	Suitable for landfill disposal.

FIRE/EXPLOSION HAZARD

Extinguishing Media	Use appropriate fire extinguisher for surrounding environment.
Hazchem Code	None Allocated

OTHER INFORMATION

Toxicology	No toxicity data is available for this material.
Environment Protection	Prevent this material entering waterways, drains and sewers.

CONTACT POINT

Contact	Graeme Raper Ph: (03) 5977 5303 This MSDS was prepared by ACOHS Pty Ltd on behalf of Exfoliators (Aust) Pty Ltd and summarises as at the date of issue the best knowledge of the health and safety hazard information for the product, and in particular how to safely handle and use the product in the workplace. Since Exfoliators (Aust) Pty Ltd nor ACOHS Pty Ltd are unable to anticipate or control conditions under which the product may be used, each user must prior to usage, review the MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is required to ensure that an appropriate assessment can be made of the product, the user should contact Exfoliators (Aust) Pty Ltd. End of Report
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