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SAFETY DATA SHEET

Issued: 01 July 2023

1. IDENTIFICATION

Product Name: **AUSPERL AQUAPERL**
Other Names: AQUAPERL; AQUAPERL+
Supplier: Ausperl Pty Ltd
Physical Address: 64 Gow Street, Padstow, Sydney, NSW 2211, Australia
Phone: +61 2 8318 7824
24 hour Emergency: +61 438 388 906
Fax: +61 2 9791 1350

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product Use: Aquatic filtration
Description: Perlite is an amorphous, hydrated glassy volcanic rock of rhyolitic composition, consisting primarily of fused sodium potassium aluminium silicate.

Ingredients:	Name	CAS Proportion
	Perlite ore:	93763-70-3; greater than 99.9%
	Crystalline silica:	14464-46-1; less than 0.1%
	Cristobalite quartz:	14808-60-7; less than 0.1%

4. FIRST AID MEASURES

Ingestion: Rinse mouth with water - give plenty of water to drink. If vomiting occurs give further water. Get medical attention if discomfort continues.
Eye: Wash carefully with water for several minutes. If eyes irritation continues: contact a doctor. Bring this SDS.
Skin: Wash exposed skin with sufficient amount of soap and water to remove the material.
Inhalation: Remove victim to fresh air. Remove contaminated clothing and loosen remaining clothing. Patient to assume most comfortable position and kept at rest until fully recovered.
Advice to Doctor: Treat symptomatically.

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5. FIRE-FIGHTING MEASURES

Perlite is a fully oxidized non-flammable mineral. It is non-combustible.

6. ACCIDENTAL RELEASE MEASURES

Use respiratory protection mask, safety glass for nuisance dust & eye protection. Sweep up, but avoid generating dust.

7. HANDLING AND STORAGE

Not defined as a Dangerous Good. Store in a dry place. Avoid generating and inhaling dust. Keep containers closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:	OSHA PEL - 15 mg/m ³	ACGIH TLV 10 mg/m ³
Other Exposure Info:	No value assigned for this specific material by the Occupational Health & Safety Administration.	
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 respiratory protection mask, 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, smoking or going to the bathroom.	

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Off-white, odourless, free flowing powder
Melting Point:	Approx. 1250°C
Boiling Point:	Not applicable
Vapor Pressure:	Not applicable
Specific Gravity:	200-250kg/m ³
Flash Point:	Not applicable
Flamm. Limit LEL:	Not applicable
Explosion Data:	Not applicable

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10. STABILITY AND REACTIVITY

Stability:	Stable product under normal conditions of temperature and pressure.
Reactivity:	There are no known reactivity hazards associated with this product.
Incompatible material:	No incompatible groups noted.
Hazardous decomposition:	None
Conditions to avoid:	None

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.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways, it is insoluble in water and will sediment in water systems.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Not defined as a Dangerous Good

15. REGULATORY INFORMATION

Based on the information available it is not classified as hazardous

16. OTHER INFORMATION

This 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.

New Zealand National Emergency 24-hour contact number is +64275618525.

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