



Safety Data Sheet

AUSPERL PERFLO

Issued 2 July 2021, v12

1. IDENTIFICATION

Product Name: **AUSPERL PERFLO**
Other Names: Perflo AP10; Perflo AP20; Perflo AP40; Perflo AP50; Perflo AP60; Perflo AP70; Perflo AP70S; Perflo AP80 & Perflo AP80S
Supplier: Ausperl Pty Ltd
Physical Address: 64 Gow Street, Padstow, Sydney, New South Wales, Australia
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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/INFO ON INGREDIENTS

Product Use: Extender, flattening agent, filter aid, pesticide carrier, etc.
Description: Perlite is essentially an amorphous, hydrated glassy volcanic rock of rhyolitic composition, consisting primarily of fused sodium potassium aluminum silicate.

Ingredients:	Name	CAS Proportion
	Perlite ore:	93763-70-3; greater than 99.9%
	Crystalline silica:	14808-60-1; less than 0.1%
	Cristobalite	14464-46-1; less than 0.1%
	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. 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 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 SPILL/ RELEASE MEASURES

Use respirators suitable 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 -	ACGIH TLV
	15 mg/m ³	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 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Off-white, odorless, free flowing powder
Melting Point:	Approx. 1250c
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

10. STABILITY AND REACTIVITY

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

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- 11. TOXICOLOGICAL INFO** 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 INFO** Avoid contaminating waterways.
- 13. DISPOSAL CONSIDERATIONS** Dispose in bulk or containerized according to local regulations
Normally approved for disposal at approved land waste sites.
- 14. TRANSPORT INFO** Not defined as a Dangerous Good
- 15. REGULATORY INFO** Based on the information available it is not classified as hazardous
- 16. OTHER INFO** 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.

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Updated by MB

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