

Safety Data Sheet

1. IDENTIFICATION

Product Name: **WATERBLOCS** (Minibloc 20g, Multibloc 200g, Maxibloc 1.2kg Sizes)
Other Names: Waterblocs, Water Blocks.
Physical Description: Light gold or yellow round tablet or rectangular block..
Uses: Porous mineral substrate containing multiple nutrients to promote the rapid growth of beneficial bacteria when immersed in aquatic water systems.
Manufacturer: ALGAEFREE AUSTRALIA. 2 / 24 Cohn Street, CARLISLE 6101 Western Australia.
 Tel +61 8 9472 4000 Fax +61 8 9472 0000
Emergency Contact : Poisons Information Centre Australia 131126, New Zealand 0800 764 766, Canada call 911 or 24Hour contact mobile +61 400 226 149.

2. HAZARDS IDENTIFICATION

ADG CODE: Non Dangerous Good (ADG Code Edition 7.5,2017)
IMDG CODE: Non Dangerous Good (IMDG 2016 Edition Amendment 38-16)
SUSMP: Exempt
WHS/GHS: Exempt non Hazardous
GHS Signal Word: N/A
Hazard Statement: N/A
Prevention: P102 Keep out of reach of children.
When recovering used product that may contain bacterial colonies use:
 P280 Wear protective gloves and eye protection and particle respirator.
Response: P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
Disposal: P501 Dispose of container in accordance with local government regulations.

3. COMPOSITION & INFORMATION ON INGREDIENTS

A Mixture Containing: Nutrient in biodegradable porous mineral substrate.

Ingredient	Proportions %	CAS No.
Zeolite	< 10%	Non Hazardous
Non Hazardous Ingredients	up to 100%	Non Hazardous

4. FIRST AID MEASURES

First Aid Measures by Routes of Exposure.

General: If poisoning occurs, contact a doctor or Poisons Information Centre, phone Australia 131126 or New Zealand 0800 764 766 or Canada call 911 or contact the nearest Poisons Control Centre in your country.
Advice to Doctor: Treat symptomatically.
Swallowed : Not considered likely. Consumption is not recommended.
Eye: If in eyes, hold eyes open, flood with water.
Skin: If skin contact occurs wash hands after use.
Inhaled: Not considered relevant as no airborne concentrations of dust, fumes or vapour are associated with this product in normal use or storage. May cause mild discomfort.
First Aid Facilities: If practicable an eye wash station and skin barrier creams.

5. FIRE FIGHTING MEASURES

Flammability: Non-flammable. No fire or explosion hazard exists. When heated to decomposition at 1200 degrees C, may emit irritating fumes. Non soluble in water.
Extinguishing Media: Use an extinguishing agent appropriate for the surrounding fire.
Exposure Hazards: No specific hazards.
Protective Equipment: Fire-fighters should wear full protective clothing and NIOSH-approved self contained breathing apparatus with a full face piece.
Hazchem Code: Not Applicable.

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6. ACCIDENTAL RELEASE MEASURES

Product is a solid in tablet form. No irritating vapours are likely to occur in a poorly ventilated area. Avoid indirect contact with eyes, skin and dust from handling by using appropriate PPE. Contain and sweep up large quantities with a broom into containers. Avoid release to drains and waterways not being treated. If product does enter waterway, advise the local environmental service. Dispose in accordance with environmental regulations. Wash hands thoroughly with soap and water if contact occurs.

7. HANDLING & STORAGE

Handling: Avoid contact with eyes & skin and use appropriate PPE for skin and eyes. Wash hands after use. Dispose of container by wrapping in paper, placing in a plastic bag and placing in a garbage bin. Not to be used as a food container. Protect from physical damage. Always use safe handling chemical procedures.

Storage: Store in the closed original container in a cool dry place out of reach of children. Store away from incompatible materials as listed in section 10. Do not store in direct sunlight.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

No exposure standard has been established for this product by the Australian Safety and Compensation Council (ASCC). No airborne concentrations of dust, fumes or vapour are associated with this product in normal use or storage

Engineering Controls: Local exhaust acceptable with special exhaust not required.

Ventilation : General room ventilation is adequate.

Eye Protection : Not necessary. Use chemical safety glasses or goggles when recovering used product.

Skin Protection : Not necessary. Wear rubber or PVC gloves when recovering used product

Personal Respirators: Not normally necessary when using this product., but use when recovering used product

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance: Block or tablet, light yellow gold to white in colour

Odour: None

Chemical Type: Mixture

Specific Gravity: Not Applicable

pH : 7.2

Boiling Point: Not Applicable

Melting Point: Not Applicable

Solubility: Not soluble

Flammability: Not Flammable

10. STABILITY & REACTIVITY

Stability & Reactivity : Stable.

Incompatibility : None.

Hazardous Decomposition Products: Hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

No specific data available for this product mixture.

No Data available for this product.

Acute Effects: None associated with this product.

Carcinogenicity : Not listed as a carcinogen

Teratogenicity and Embryotoxicity : None associated with this product.

Toxicological Synergistic Materials : No Information available

Mutagen city : No human data available.

Potential for Accumulation : No Information Available.

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12. ECOLOGICAL INFORMATION

Ecotoxicity: Is a specially formulated *porous mineral substrate* containing multiple nutrients to promote the rapid growth of beneficial bacteria when immersed in aquatic water systems. Colonies of naturally occurring beneficial bacteria produce enzymes that consume organic waste, ammonia and unwanted nutrients that cause excess algae growth that can deplete oxygen levels essential for aquatic life in a well balanced ecosystem.

Potential for Accumulation : Not relevant .

Environment: A solid mineral block may be removed or left within the environment with no adverse effects.

13. DISPOSAL CONSIDERATIONS

Recycle whenever possible or consult manufacturer for recycling options. Dispose of in accordance with all local, state & federal environment and waste disposal requirements or legislation. Refer to product label.

14. TRANSPORT CONSIDERATIONS

Road & Rail: Non Dangerous Goods - Mixture is not listed in the Australian Code for the Transport of Dangerous Goods by Road & Rail Ed. 7.5, 2017.

Sea: Non Dangerous Goods - Mixture is not listed in the International Marine Dangerous Goods Code 2016 Edition Amendment 38-16.

Hazchem: Not Applicable.

15. REGULATORY INFORMATION

Legislation: This SDS has been prepared according to Code of Practice on Preparation of Safety Data Sheets for Hazardous Chemicals is an approved code of practice under section 274 of the Work Health and Safety Act (the WHS Act).

Poisons Sched: Not Applicable

16. OTHER INFORMATION

Disclaimer: This Safety Data Sheet has been developed from the guidelines of the GHS Globally Harmonized System of Classification and Labelling of Chemicals Rev.3 2009 and the NOHSC National Code of practice for the preparation of MSDS and the Code of Practice on Preparation of Safety Data Sheets for Hazardous Chemicals is an approved code of practice under section 274 of the Work Health and Safety Act (the WHS Act). The data, information and recommendations herein ("information") are represented in good faith and believed to be correct as of the date hereof. The purpose of this Material Safety Data Sheet is to describe product in terms of their safety requirements. The information is supplied upon the condition that the persons/companies receiving same will make their own determination as to its suitability for their purposes prior to use of the product. The physical data shown herein are typical values based on material tested. These values should not be construed as a guaranteed analysis of any specific lot or as guaranteed specification for the product or specific lots thereof. Due care should be taken to make sure that the use or disposal of this product and/or its packaging is in compliance with the relevant Federal, State and Local Government regulations.

This SDS contains primarily safety information.

Additional Information can be obtained by visiting our website www.algaefreeaustralia.com

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road & Rail Ed. 7.5, 2017
APVMA	Australian Pesticides and Veterinary Medicines Authority
CAS No.	Chemical Abstracts Service Registry Number
GHS	Globally Harmonized System of Classification and Labelling of Chemicals Rev.3 2009
IMDG	International Marine Dangerous Goods Code 2016 Edition, Amendment 38-16.
NOHSC	National Occupational Health and Safety Commission
PPE	Personal Protective Equipment
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
SWA	Safe Work Australia
UN	United Nations Number
WHS	Model Work Health and Safety Act 21 st March 2016

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END OF SDS

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