

SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Chemical Nature:	<i>Bacillus subtilus</i>		
Trade Name:	AQUATIC WATERBAC		
SUPPLIER:	Aquatic Technologies		
ADDRESS:	41 Yazaki Way Carrum Downs VIC 3201, Australia+61 3 9071 2442		
TELEPHONE	+61 3 9071 2442	FAX:	
Substance:	Powder	Product Use:	Natural Bacteria
This version issued:	November 2020	Up for revision:	November 2025
In case of Emergency:	13 11 26 – Poisons Information Centre		

SECTION 2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture	
<ul style="list-style-type: none"> This product is classified as NON-HAZARDOUS according to the criteria of NOHSC Australia The product is classified as NON-HAZARDOUS according to GHS This product is classified as NON-HAZARDOUS according to the criteria of Safe Work Australia 	
GHS – GLOBALLY HARMONISED SYSTEM	
GHS Classification	Not applicable
GHS Pictogram	Not applicable
GHS Signal Word	Not applicable
Hazard Statement(s)	
Not applicable	
Precautionary Statement(s)	
While this material is not classified as hazardous, this SDS contains valuable information relating to safe handling and proper use of the product. This SDS should be retained and made available to employees and other users of this product. Exposure to any chemical should be kept to a minimum. Skin or eye contact may result in irritation. Always follow safe industrial hygiene practices and wear proper personal protective clothing and equipment when handling chemicals.	
Acute Health Effects may include:	
Ingestion:	Excessive ingestion may cause mouth, throat and stomach to become irritated. Rinse and gargle with water. If symptoms persist, seek medical attention or contact poisons control.
Eye Contact:	May cause irritation. Rinse with water 15 minutes. If symptoms persist, seek medical attention.
Skin Contact:	Prolonged contact may cause irritation to the skin
Inhalation:	Prolonged exposure may cause slight irritation. Move exposed person to fresh air. Rinse mouth and nose with water. Seek medical attention if necessary.
EMERGENCY OVERVIEW	
Colour:	Black
Odour:	Odourless
Physical Description:	Powder
Major Health Hazards:	None known

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients:	CAS Number:	Proportion:	PEL/TLV
<i>Bacillus subtilus</i> cultures	68038-70-0	Not available	not set
Charcoal	97488-71-6	Not available	not set

SECTION 4 – FIRST AID MEASURES

Scheduled Poisons: Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766).

First Aid Facilities: Ensure there is access to eye washes and safety showers.

Inhalation: Move victim to fresh air. Remove contaminated clothing and allow patient to assume comfortable position. Obtain medical attention if symptoms occur.

Skin Contact: Remove contaminated clothing and wash skin with clean running water. If irritation persists, repeat flushing and obtain medical advice.

Eye Contact: Wipe away excess product from eyes. Immediately flush the contaminated eye(s) with lukewarm, flowing fresh water for 20 minutes or until product is removed. Ensure eyelids are held open. If irritation persists, seek medical advice.

Ingestion: Rinse mouth several times with clean fresh water. If in doubt, contact a Poisons information centre or a doctor. DO NOT induce vomiting. Give plenty of fresh water to drink after rinsing mouth.

Advice to Doctor: Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards:	Non-combustible. Decomposes on heating emitting toxic fumes. Fire fighters wear self-contained breathing apparatus and suitable clothing
Extinguishing Media:	Not Combustible. However use medias to suit surrounding material and packaging material i.e. plastic containers
Flash point:	Non flammable

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Clean up methods:	In the event of an accidental spill, control spill at source. Is slippery when spill. Wear full protective clothing including face mask and face shield and dust respirator. All skin areas should be covered. Cover with damp absorbent material e.g. onto sand or soil. Avoid using sawdust or other combustible material. Sweep up and work up wind to reduce dust and vacuum if available and collect and seal product into labelled containers for salvage, and dispose of promptly at approved site.
Waste Disposal:	Observe all local, state and federal regulations.

SECTION 7 – HANDLING AND STORAGE


Handling:	Handle with care and keep exposure to this product to a minimum as practical. Ensure adequate ventilation whilst handling product and avoid handling which may lead to excessive dust formation.
Storage:	Store in closed, original container in a well-ventilated shaded area. Keep container tightly closed when not in use. Keep container out of reach of children. DO NOT store in direct sunlight and at room (25°C) temperature.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

PERSONAL PROTECTION EQUIPMENT (PPE)

Ventilation:	Local ventilation recommended
Eye Protection:	Protective glasses or goggles
Skin Protection:	Wear impervious gloves, clothes and preferably overalls. Ensure all skin areas are covered
Protective Material Types:	Rubber, Neoprene



Respirator:		Should be fitted with a dust type cartridge, suitable for particulates
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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical Description and Colour:	Black powder
Odour:	Odourless
Boiling Point:	Not available
Freezing / Melting Point:	Not available
Vapour Pressure:	Not available
Vapour Density:	Not available
Specific Gravity:	Not available
Water Solubility:	Soluble in water
pH:	~6
Flammable Limits:	Not applicable
Viscosity:	Not available
Evaporation Rate:	Not available

SECTION 10 – STABILITY AND REACTIVITY

Reactivity:	This product is unlikely to react or decompose under normal storage conditions
Chemical Stability:	Stable under normal temperatures
Conditions to Avoid:	Avoid direct sunlight and lack of ventilation
Hazardous Polymerisation:	Hazardous polymerization is not possible

SECTION 11 – TOXICOLOGICAL INFORMATION

No adverse health effects would be expected if handled according to the label and this SDS	
Skin Contact:	May result in mild irritation with sensitive skin
Eye Contact:	May cause irritation through dust discomfort and associated physical irritation
Ingestion:	No adverse effects expected although large amounts may cause nausea and /or vomiting
Inhalation:	May result in respiratory irritation and discomfort

SECTION 12 – ECOLOGICAL INFORMATION

Product is natural microbe culture in a charcoal base and should be assessed as such
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SECTION 13 – DISPOSAL CONSIDERATIONS

All recovered materials should be packaged, labelled, transported and disposed or reclaimed in conformance with applicable laws and regulations

SECTION 14 – TRANSPORT INFORMATION

Shipping Name: AQUATIC WATERBAC
Hazard Class: Not applicable
Packaging Group: None allocated

SECTION 15 – REGULATORY INFORMATION

Labeling Details	
GHS Classification	NON-HAZARDOUS
CERCLA RQ	Nil
VOC	Nil
SARA 311/312 (Hazard Class – 40 CFR 370.2)	Nil
SARA 313 (Hazard Class – 40 CFR 372.65)	Nil
SARA 313 (Extremely Hazardous Substances)	Nil

SECTION 16 – OTHER INFORMATION

This SDS contains only safety-related information. For other data see product literature

Date of Last Revision

AT164.02-07/11/2018

Acronyms

CAS number	Chemical Abstracts Service Registry Number
CERCLA (RQ)	Comprehensive Environmental Response, Compensation, and Liability Act (Reportable Quantity)
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
PEL/TLV	Permissible Exposure Limit / Threshold Limit Value
VOC	Volatile Organic Compounds

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (Feb 2016)

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END OF SDS