


SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Chemical Nature:	Not available		
Trade Name:	GreenClear Pond		
SUPPLIER:	Aquatic Technologies		
ADDRESS:	42 Yazaki Way Carrum Downs VIC 3201, Australia		
TELEPHONE	+61 409 180 707	FAX:	
Substance:	Granular	Product Use:	To reduce filamentous algae in fish ponds
This version issued:	July 2023	Up for revision:	July 2028
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 HAZARDOUS according to the criteria of NOHSC Australia The product is classified as DANGEROUS according to GHS This product is classified as HAZARDOUS according to the criteria of Safe Work Australia 	
GHS – GLOBALLY HARMONISED SYSTEM	
GHS Classification	Oxidising solid category 2 Acute toxicity (oral) category 4 Serious eye damage/eye irritation category 1 Specific target organ toxicity (single exposure) category 3
GHS Pictogram	
GHS Signal Word	DANGER
Hazard Statement(s)	
H302:	Harmful if swallowed
H315:	Causes skin irritation
H318:	Causes serious eye damage
H335:	May cause respiratory irritation
Precautionary Statement(s) - Prevention	
P210:	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P220:	Keep/store away from clothing/combustible materials
P270:	Do not eat, drink or smoke when using this product
P280:	Wear eye protection/face protection
Response	
P305 + P351 + P338:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P330:	Rinse mouth
P370 + P378:	In case of fire: Use sand, carbon dioxide or powder extinguisher for extinction
Disposal	
P501:	Dispose of contents/container in accordance with local regulations
Potential Health Effects may include:	
Skin corrosion/irritation:	May cause slight skin irritation.
Serious eye damage/eye irritation:	May cause severe eye irritation, risk of serious eye lesions.

Respiratory or skin sensitization:	No information available on the mixture, however none of the components are classified as a respiratory or skin sensitizer.
Germ cell mutagenicity:	No information available on the mixture, however none of the components are classified as a germ cell mutagenic.
Carcinogenicity:	SWA: No significant ingredient is classified as carcinogenic by SWA NTP: No significant ingredient is classified as carcinogenic by NTP IARC: No significant ingredient is classified as carcinogenic by IARC
Reproductive toxicity:	No information available on the mixture, however none of the components are classified as a reproductive toxicant
Specific target organ toxicity – single exposure:	No information available on the mixture, however none of the components are classified as specific target organ toxicity (single exposure)
Specific target organ toxicity – repeated exposure:	No information available on the mixture, however none of the components are classified as specific target organ toxicity (repeated exposure)
Aspiration hazard	No information available on the mixture, however none of the components are classified as presenting an aspiration hazard.
EMERGENCY OVERVIEW	
Colour:	White
Odour:	No odour
Physical Description:	Granular
Major Health Hazards:	Serious eye damage

Ingredients:	CAS Number:	Proportion by weight:	PEL/TLV
Sodium Percarbonate	3313-92-6	65%	Not set
Proprietary Alkali Salt		35%	Not set
NOTE:	<p><i>The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret due to the proprietary nature of one of the components.</i></p> <p><i>The balance of the ingredients are not classified as hazardous.</i></p> <p><i>PEL (permissible exposure limit) TLV (Threshold Limit Values)</i></p>		

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: If inhaled: Move the person to fresh air immediately. In cases of doubt, or when symptoms persist, seek medical advice.

Skin Contact: Remove contaminated shoes, socks and clothing. Wash the affected skin with running water. Wash clothing before reuse.

Eye Contact: Immediately flush with plenty of cool running water. Remove contact lenses. Continue flushing for at least 15 minutes, holding eyelids apart to ensure rinsing of the entire eye. Consult an ophthalmologist.

Ingestion: Rinse mouth with water, if conscious. Do NOT induce vomiting. Contact poisons information centre. Seek medical attention.

Most important symptoms and effects, both acute and delayed: Harmful if swallowed. Causes serious eye damage.

Advice to Doctor: Ensure label/SDS is on hand. Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Specific Hazards from Combustion Products:	Carbon monoxide, carbon dioxide, sodium oxides Oxidising property
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Extinguishing Media:	Use carbon dioxide, dry chemical powder or appropriate foam to extinguish.
Special Protective Actions for Fire Fighters:	In case of fire and/or explosion do not breathe fumes. Fight fire with normal precautions from a reasonable distance. Wear self-contained breathing apparatus
Flash point:	No data

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dusts. Wear appropriate protective equipment, such as respirator with proper particulate filters, gloves, goggles and protective clothing, as conditions warrant (section 8).
Environmental Precautions:	Avoid allowing run off to contaminate drains, sewers and waterways. If this appears to be likely, advise local EPA.
Clean up methods:	Collect the product with suitable means, shovel, and sweep, avoiding dust formation. Place in container for disposal according to local regulations. Keep in suitable, closed containers for disposal.
Waste Disposal:	Dispose of responsibly.

SECTION 7 – HANDLING AND STORAGE

Handling:	Never return unused product to the original container. Keep concentrate away from reactive substances. Prevent contact with organic materials. Avoid contact with skin and eyes. Avoid formation of dust. Provide appropriate exhaust ventilation at places where dust is formed. Keep away from sources of ignition – No smoking. Keep away from heat and sources of ignition. Normal measure for preventive fire protection. Use good personal hygiene practices and wear appropriate personal protective equipment (section 8).
Storage:	Keep product in original container. Keep container tightly closed. Keep away from heat, open flame, and strong oxidizing agents. Keep out of direct sunlight and in cool dry place.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501** set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

CONTROL PARAMETERS

SWA Exposure Limits:	PEL-TWA (8 hour): no data available PEL-STEL (15 min): no data available TLV-TWA (8 HOUR): no data available TLV-STEL (15 min): no data available
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PERSONAL PROTECTION EQUIPMENT (PPE)

Ventilation:	General ventilation recommended
Eye Protection:	Eye protection such as protective glasses or goggles is recommended when this product is being used. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them. Emergency eye wash facilities to be in close proximities of work area are also recommended.
Skin Protection:	Body-covering clothing is advised. Wear protective gloves. Always wash hands after handling chemical.
Respirator:	None required under normal conditions of use. If there is a significant chance that vapours or mists are likely to build up in the area where this product is being used, we recommend that you use a respirator.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical Description and Colour:	Granular solid
Odour:	None
Boiling Point:	No data available
Freezing / Melting Point:	No data available
Vapour Pressure:	Not available
Vapour Density:	Not available
Specific Gravity @ 25°C:	1.0-1.2 g/cm ³
Water Solubility:	140 g/l @24°C
pH:	1% solution: 10.4-10.6
Flammable Limits:	Non-flammable
Viscosity:	No data available
Evaporation Rate:	No data available

SECTION 10 – STABILITY AND REACTIVITY

Reactivity:	Not chemically reactive
Chemical Stability:	Stable under normal ambient and anticipated conditions of use.
Possibility of Hazardous Reactions:	Not known
Conditions to Avoid:	Heat/sources of heat
Incompatibilities:	Water/moisture, acids, bases, reducing agents, organic materials. Oxidising agents attack the organic components of these products. As with other organic carbonaceous compounds, these reactions produce heat which if contained in a confined space can cause fires. Hypochlorite's, chlorinated isocyanurates, and perborates are examples of oxidizing agents.
Hazardous Decomposition Products:	No uniquely hazardous decomposition products are expected. If the organic portion of product is burned, as with any nitrogen containing organic material, oxides of nitrogen, carbon dioxide, and water can be produced. Partial combustion may produce, in addition to the above, soot and various oxides of carbon.

SECTION 11 – TOXICOLOGICAL INFORMATION

Symptoms related to the physical, chemical, and toxicological characteristics:	As detailed above
Acute toxicity:	Harmful if swallowed
Delayed and immediate effects and chronic effects from short or long term exposure:	No additional data available

SECTION 12 – ECOLOGICAL INFORMATION

Air:	Product data is not available, however, the active ingredient, sodium percarbonate, is not classified as hazardous	
Water:	Product data is not available, however, the active ingredient, sodium percarbonate, is not classified as hazardous to the aquatic environment.	
Soil:	Product data is not available, however, the active ingredient, sodium percarbonate, is not classified as hazardous	
Degradation:	Product data is not available, however, for the active ingredient, sodium percarbonate: Theoretical Oxygen Demand: -0.1911 mg/mg Theoretical Carbon Dioxide: 0.1401 mg/mg	
Toxicity to Water Organisms:	Sodium Percarbonate Test type: EC50 Species: Daphnia magna (water flea) Value: 4.9mg/l (48h)	Proprietary Alkali Salt Test type: EC50 Species: Daphnia magna (water flea) Value: 265 mg/l (48h)
Toxicity to soil organisms:	Product data is not available, however, the active ingredient, sodium percarbonate, is not classified as hazardous	
Bioaccumulation:	Product data is not available, however, both sodium carbonate and hydrogen peroxide are inorganic chemicals which do not bioaccumulate	
Fate and Effects in Waste Water Treatment Plants:	Product data is not available, however, the active ingredient, sodium percarbonate, is not classified as hazardous. Sodium percarbonate dissociates	

in water into hydrogen peroxide and sodium carbonate. Hydrogen peroxide is rapidly degraded in a biological waste water treatment plant (OECD SIDS).

SECTION 13 – DISPOSAL CONSIDERATIONS

Any waste should be disposed of in accordance with local, state and federal regulations.

This material and its container must be disposed of as hazardous waste.

For help with the collection of unwanted rural chemicals, contact ChemClear 1800 008 182

<http://www.chemclear.com.au/> and for help with the disposal of empty drums, contact DrumMuster

<http://www.drummuster.com.au/> where you will find contact details for your area.

Empty containers can have residues, and are subject to proper waste disposal, as above.

SECTION 14 – TRANSPORT INFORMATION

UN Number: UN 3378

UN Proper Shipping Name: SODIUM CARBONATE PEROXYHYDRATE

Hazchem Code: 1Y

Dangerous Goods Class: 5

Transport Hazard Class: 5.1

Packaging Group: III

Limited quantity: ADG Classification 7.8 specifies a limited quantity value of 5kg of active constituent

Excepted quantity: E1

Packing method: P002

Marine pollutant: No

Class 5 Oxidizing Substances are not necessarily combustible, but may contribute to the combustion of other material.

SECTION 15 – REGULATORY INFORMATION

Labeling Details

GHS Classification

Oxidising solid category 2
Acute toxicity (oral) category 4
Serious eye damage/eye irritation category 1
Specific target organ toxicity (single exposure) category 3

AICS

All ingredients present on AICS are compliant with NICNAS regulations

CERCLA RQ

Nil

VOC

Nil

SARA 311/312 (Hazard Class – 40 CFR 370.2)

Acute Health Hazard: Yes
Chronic Health Hazard: No
Fire Hazard: No
Pressure hazard: No
Reactivity Hazard: Yes

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

AT160v3.1-July 2023

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

ADG CODE

Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)

AIC S

Australian Inventory of Chemical Substances

SWA

Safe Work Australia, formerly ASCC and NOHSC

Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
HSIS	Hazardous Substances Information System
IARC	International Agency for Research on Cancer
NICNAS	The National Industrial Chemicals Notification and Assessment Scheme
STEL	Short term exposure limit
TWA	Time weighted average
UN Number	United Nations Number

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