



SAFETY DATA SHEET
SYMBIO BLUE WATER +

SDS COMPLETED 27TH MARCH 2018

VERSION 01
REVISION NUMBER: 01

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Name:

Symbio Blue Water +

1.2 Relevant identified uses and uses advised against:

Aquaculture, biomass and general pond waste degradation.

1.3 Details of Supplier of Safety Data Sheet:

Company name:

Eco Solutions (C&R) Ltd T/a Symbio
Unit 8
Coopers Place
Combe Lane
Wormley
Surrey
GU8 5SZ

Tel: +44 (0) 1428 685762

Fax: +44 (0)1428 685702

Email: info@symbio.co.uk

1.1 Emergency phone number

Emergency telephone numbers +44 (0)1428 685762

2. Hazards Identification

2.1 Classification of the mixture:

Classification under CLP: This product has no classification under CLP.

2.2 Label elements:

Label elements: This product has no label elements.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

3. Composition/Information on ingredients

Hazardous Materials:

SODIUM CARBONATE - REACH registered number(s): 01-2119485498-19-0000

EINECS	CAS	PBT / WEL	CLP Classification	Percent
207-838-8	497-19-8	-	Eye Irrit. 2: H319	3.549%

HYDROGEN PEROXIDE SOLUTION

231-765-0	7722-84-1	-	Ox. Liq. 1: H271; Acute Tox. 4: H332; Acute Tox. 4: H302; Skin Corr. 1A: H314	1.604%
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Contains: Sodium Percarbonate and Distiller dissolvable grain carrier (DDGS)



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*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First Aid Measures

4.1 Description of first aid measures:

Inhalation: Consult a doctor.
Skin Contact: Wash immediately with plenty of soap and water.
Eye Contact: Bathe the eye with running water for 15 minutes.
Ingestion: Wash out mouth with water

4.2 Most important symptoms and effects,

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be irritation of the throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4.3 Indication of any immediate medical attention and special treatment needed:

Immediate / special treatment: Not applicable.

5. Fire Fighting Measures

5.1 Extinguishing media:

Suitable extinguishing media for the surrounding fire should be used.

5.2 Special hazards arising from the mixture:

Exposure hazards: In combustion emits toxic fumes.

5.3 Advice for fire fighters:

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2 Environmental Precautions:

Do not discharge into drains or rivers.

6.3 Methods and material for containment and cleaning up:

Clean-up procedures: Wash the spillage site with large amounts of water.

6.4 Reference to other sections:

Reference to other sections: Refer to section 8 of SDS.



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7. Handling and Storage

7.1 Precautions for safe handling:

Handling requirements: Avoid the formation or spread of dust in the air.

7.2 Conditions for safe storage, including any incompatibilities:

Storage conditions: Store in a cool, well ventilated area.

8. Exposure Controls

8.1 Control Parameters:

Hazardous ingredients:

HYDROGEN PEROXIDE SOLUTION...100%

Workplace exposure limits:

Respirable dust

State	Workplace exposure limits		Respirable dust	
	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1.4 mg/m ³	2.8 mg/m ³	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2 Exposure controls:

Respiratory protection: Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

State:	Granules
Colour:	Yellow
Odour:	Earthy
Evaporation rate:	Not applicable.
Oxidising:	Non-oxidising (by EC criteria)
Solubility in water:	Slightly soluble
Viscosity:	Not applicable.
Melting point/range°C:	Not applicable.
Flammability limits %: lower:	No data available.
upper:	No data available.
Flash point°C:	No data available.
Part.coeff. n-octanol/water:	No data available.
Auto flammability °C:	No data available.
Vapour pressure:	Not applicable.
Relative density:	0.5-0.61 g/cm ³
pH:	6.8 - 8.5



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10. Stability and Reactivity

10.1 Reactivity:

Stable under recommended transport or storage conditions.

10.2 Chemical stability:

Stable under normal conditions.

10.3 Possibility of hazardous reactions:

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid:

Heat

10.5 Incompatible Materials:

Strong oxidising agents. Strong acids.

10.6 Hazardous decomposition products

In combustion emits toxic fumes.

11. Toxicological Information

11.1. Information on toxicological effects

Hazardous ingredients:

ORL	MUS	LD50	6600	mg/kg
ORL	RAT	LD50	4090	mg/kg
SCU	MUS	LD50	2210	mg/kg

SODIUM CARBONATE

HYDROGEN PEROXIDE SOLUTION...100%

ORL	MUS	LD50	2	gm/kg
ORL	RAT	LD50	376	mg/kg
SKN	RAT	LD50	4060	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

12. Ecological Information

12.1 Toxicity:

Ecotoxicity values: No data available.



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12.2 Persistence and degradability

Biodegradable.

12.3 Bioaccumulative potential

No bioaccumulation potential.

12.4 Mobility in soil

Readily absorbed into soil.

12.5 Result of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects:

Negligible ecotoxicity.

13. Disposal Considerations

13.1 Waste treatment methods Product:

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport Information

Transport class: This product does not require a classification for transport.

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the mixture

Specific regulations: European Regulation (EC) No. 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (known as 'CLP'). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 aligned with ADR. Workplace Exposure Limits EH40.2005 (2nd edition published 2011). REACH: Regulation 1907/2006/EC effective June 1st, 2007. The raw materials used in this preparation have been pre-registered in accord with the requirements of REACH. Dangerous Preparations Directive (1999/45/EC).

15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16. Other Information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

H271: May cause fire or explosion; strong oxidiser. H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

The information in this SDS was obtained from sources which we believe to be reliable. Symbio provides the information contained herein in good faith but makes no representation as to its comprehensiveness or



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accuracy. This document is intended only as a guide to the appropriate handling of the product by properly trained and qualified personnel. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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The product formulation contains a range of naturally occurring plant extracts which are known to be non-pathogenic to man or animals.