

SDS COMPLETED 27TH MARCH 2018
REVIEWED 22 JUNE 2021

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:

Origin Amenity Solutions Ltd
1-3 Freeman Court,
Jarman Way,
Orchard Road,
Royston,
Hertfordshire,
SG8 5HW
Tel: 0800 138 7222
Email: sales.symbio@originamenity.com

1.1 Emergency phone number

Emergency phone No. 0800 138 7222 (09.00 – 17.00 GMT Monday – Friday)

National emergency telephone number 111

2. Hazards Identification

2.1 Classification of the mixture:

Chemical characterization: Mixture
Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

According to Regulation (EC) No 1272/2008: not classed as hazardous

2.2 Label elements:

None required

Not a hazardous mixture according to Regulation (EC) No. 1272/2008

2.3. Other hazards

This product is not identified as a PBT or 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	3-4%

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	1-2%
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Contains: Sodium Percarbonate and Distiller dissolvable grain carrier (DDGS)

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

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.
Exposure hazards: In combustion emits toxic fumes.
Protective equipment: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

Personal precautions: Protective gloves, respiratory protection and safety glasses
Clean-up procedures: Wash the spillage site with large amounts of water.

7. Handling and Storage

Handling requirements: Avoid the formation or spread of dust in the air. Handle in accordance with good industrial hygiene practice and any legal requirements.
Storage conditions: Store in a cool, well ventilated area.

8. Exposure Controls

8.1 Control Parameters:

Hazardous ingredients:
HYDROGEN PEROXIDE SOLUTION
Workplace exposure limits: Respirable dust

State	8 hour TWA	15 min. STEL
UK	1.4 mg/m ³	2.8 mg/m ³

DNEL/PNEC Values

No available data

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

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:
SODIUM CARBONATE

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

HYDROGEN PEROXIDE SOLUTION

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.

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:

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

14. Transport Information

Transport class: This product is not classified for transport.

15. Regulatory Information

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

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

Revision: Minor editorial revisions

This version supersedes all previous versions

Disclaimer

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