

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

1.1 Product Name:

Product name Symbio Lake Shadow

1.2 Relevant identified uses and uses advised against:

Dye used to filter out sunlight to reduce algal growth in lakes and ponds

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

1.4. Emergency telephone number

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

National emergency telephone number 111

2. Hazards Identification

Main hazards No Significant Hazard

3. Composition/Information on ingredients

4. FIRST AID MEASURES

Skin contact Remove contaminated clothing. Wash affected skin with soap and plenty of water.
Eye contact Flush with water. Seek medical attention if irritation or symptoms persist.
Inhalation Remove to a well ventilated area, consult medical advice if reaction occurs.
Ingestion DO NOT INDUCE VOMITING. Seek medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing media Carbon dioxide (CO₂) Foam. Water spray.
Fire hazards None.
Explosion hazard None.
Gas Carbon, nitrogen and sulphur oxides.
Protective equipment Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Gloves, respiratory protection.
Clean up methods Scoop into marked containers for disposal as chemical waste.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene practice and any legal requirements.
Storage	Keep containers tightly closed. Store in a cool, dry, well ventilated area. Keep away from hazardous chemicals. In common with many organic compounds in powder form it can produce flammable dust clouds in air. Take precautionary measures against electrostatic discharge.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits	None established.
Protective equipment	Gloves, goggles. Respiratory protection

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Powder
Colour	Reddish.
Odour	Odourless.
pH	7 - 8 at 10g/l
Water solubility	soluble in water.

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Hazardous decomposition	Damp atmosphere
Materials to avoid	Oxidising agents. Reducing agents

11. TOXICOLOGICAL INFORMATION

Acute toxicity	LD50 Oral > 2000 mg/kg Rat.
Skin irritation	Non-irritant
Eye irritation	Non-irritant
Skin sensitisation	None Known.
Adverse effects in man	None.

12. ECOLOGICAL INFORMATION

Bacterial toxicity	BST > 300 mg/l Sludge organisms.
Fish Toxicity	LC0 > 100 mg/l. LC50 > 100 mg/l 96 hrs Trout OECD 303A (mod)
Summary	Not classified as harmful to aquatic organisms.
Further information	Partially eliminated by adsorption on effluent treatment sludge.
Behaviour in treatment plants	No inhibition. No nitrification inhibition known.
Metal content	Metal content under the ETAD recommended limits.

13. DISPOSAL CONSIDERATIONS

Disposal methods	Can be sent to landfill or incinerated if in compliance with local and national regulations.
Disposal of packaging	Empty containers can be cleaned with water

14. TRANSPORT INFORMATION

Further information	The product is not classified as dangerous for carriage.
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15. REGULATORY INFORMATION

Labelling	Not classified as hazardous.
Risk phrases	NSH - No Significant Hazard.

16. OTHER INFORMATION

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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