SAFETY DATA SHEET

DYOFIX LAKE SHADOW

Revision 1
Revision date 21-Jan-2010

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name	DYOFIX LAKE SHADOW
Company	Town End (Leeds) plc Silver Court, Intercity Way, Stanningley, Leeds, LS13 4LY msds@dyes.co.uk www.dyes.co.uk
Telephone	+44 (0)113 256 4251
Fax	+44 (0)113 239 3315
Emergency telephone number	+44 (0)113 256 4251
Intended use	Algae Inhibitor.

2. COMPOSITION / INFORMATION ON INGREDIENTS

3. HAZARDS IDENTIFICATION

Main hazards	No Significant Hazard

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 (CO_2) 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.

DYOFIX LAKE SHADOW

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.
Conditions to avoid	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	No adverse effects reported.

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 recomended 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 classifed as dangerous for carriage.

DYOFIX LAKE SHADOW

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

Further information	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
Revision	This document differs from the previous version in the following areas: 1 - intended use.