

SAFETY DATA SHEET

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BLUE-GEM

Revision 1
Revision date 01-12-22

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name	BLUE-GEM
Description	Triaryl Methane Dye Preparation.
Marketing Company	Agrigem Ltd, Riverside Enterprise Park, Saxilby, Lincoln, LN1 2FU Sales@agrigen.co.uk
Manufacturing Company	Amega Sciences, 17 Lanchester Way, Royal Oak Ind. Est, Daventry NN11 8PH
Telephone	+44 (0)1327 704444
Fax	+44 (0)1327 871154
Intended use	Spray Pattern Indicator.

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.
General information	Symptomatic treatment.

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	Absorb with inert, absorbent material. Scoop into marked containers for disposal as chemical waste.

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7. HANDLING AND STORAGE

Handling Handle in accordance with good industrial hygiene practice and any legal requirements.

Storage Store in a cool, dry, well ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits None established.

Protective equipment Gloves, goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description Liquid.

Colour Blue.

Odour Odourless.

pH 6.5 - 7.5 at 10g/l

Water solubility soluble in water.

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

Hazardous decomposition products None under normal storage conditions.

11. TOXICOLOGICAL INFORMATION

Acute toxicity LD50 Oral > 1000 mg/kg Rat.

Skin irritation Non-irritant Rabbit.

Eye irritation Non-irritant Rabbit.

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 Advise washing out the container in the pond then dispose as household waste.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Labelling Not classified as hazardous.

Risk phrases NSH - No Significant Hazard.

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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.