

## SAFETY DATA SHEET

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### BLUE-GEM

Revision 0  
Revision date 21-Jan-2010

#### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

<b>Product name</b>	BLUE-GEM
<b>Description</b>	Triaryl Methane Dye Preparation.
<b>Marketing Company</b>	Agrigem Ltd, Saxby Road, Owmbly-by-spital, Market Rasen, LN8 2DA <a href="mailto:Sales@agrigen.co.uk">Sales@agrigen.co.uk</a>
<b>Manufacturing Company</b>	Indigrow UK Ltd, The Old Bakery, Hyde End Ln, Brimpton, Reading RG7 4RH
<b>Telephone</b>	+44 (0) 1189 710 991
<b>Fax</b>	+44 (0)113 239 3315
<b>Emergency telephone number</b>	+44 (0) 1189 710 991
<b>Intended use</b>	Spray Pattern Indicator.

#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

#### 3. HAZARDS IDENTIFICATION

**Main hazards** No Significant Hazard

#### 4. FIRST AID MEASURES

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

#### 5. FIRE FIGHTING MEASURES

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

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Gloves, respiratory protection.
<b>Clean up methods</b>	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.