

# SAFETY DATA SHEET

## (EC) No. 1907/2006 (REACH)

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

**Product Name:** Biocure Emulsion

**Use:** A water based emulsion paint for use against fungi and moulds on internal surfaces such as walls and ceilings.

**Supplier:** Biotech Environmental (UK) Limited  
Unit 1 Dunchideock Barton  
Dunchideock  
Exeter  
EX2 3UA

**Telephone:** +44 (0) 1392 832 270  
**Email:** Info@mouldtreatments.co.uk

### 2. HAZARDS IDENTIFICATION

**EC Classification:** R43: May cause sensitization by skin contact.



Irritant.

**Hazards:**  
May cause sensitization by skin contact. May cause irritation to skin, eyes and respiratory system.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Product Description:** A water based emulsion paint for use against fungi and moulds on internal surfaces such as walls and ceilings.

#### HAZARDOUS INGREDIENT(S)

Chemical Name:	CAS No.	EC No.	%W/W	EU Hazard Symbol	EU Risk Phrases
Ethane-1,2-diol	107-21-1	203-473-3	1-5	Xn	R22
2-octyl-2H-isothiazol-3-one	26530-20-1	247-761-7	0.1-1	T, N	R22, R23/24, R34, R43, R50/53

### 4. FIRST AID MEASURES

**Ingestion:** Do not induce vomiting. Wash out mouth with water and give 200-300 ml (half a pint) of water to drink. Obtain medical attention.

**Inhalation:** Remove persons affected by vapour to fresh air. If symptoms persist, obtain medical attention.

**Skin Contact:** Remove contaminated clothing immediately. Wash skin with water. If symptoms persist, obtain medical attention.

**Eye Contact:** If substance has got into the eyes, immediately wash out with plenty of water for at least 15 minutes. If symptoms persist, obtain medical attention.

## 5. FIRE-FIGHTING MEASURES

<b>Extinguishing Media:</b>	Water spray, foam, dry powder or CO <sub>2</sub> .
<b>Unsuitable Extinguishing Media:</b>	Do not use water jet.
<b>Fire Fighting Protective Equipment:</b>	A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.
<b>Other:</b>	May decompose in a fire, giving off toxic and irritant vapours. Carbon monoxide, Carbon dioxide

## 6. ACCIDENTAL RELEASE MEASURES

Do not allow to enter drains, sewers or watercourses.

<b>Personal Protection:</b>	Ensure adequate ventilation. Wear suitable protective clothing and gloves. Goggles giving complete protection to eyes.
<b>Methods for Cleaning Up:</b>	Adsorb spillages onto sand, earth or any suitable adsorbent material. Subsequently flush road with water.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	When using do not eat, drink or smoke. Avoid contact with skin and eyes.
<b>Process Hazards:</b>	Caution - spillages may be slippery.
<b>Storage:</b>	Keep container tightly closed in a cool place. Keep container dry.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>General:</b>	Provide adequate ventilation, including appropriate local extraction, to ensure that the occupational exposure limit is not exceeded.
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<b>Respirators:</b>	Not normally required. In case of insufficient ventilation, wear suitable respiratory equipment.
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<b>Eye Protection:</b>	Goggles giving complete protection to eyes.
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<b>Gloves:</b>	Plastic or rubber gloves.
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**Environmental Exposure Controls:** Avoid release to the environment.

## Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note:
Ethane-1,2-diol particulate vapour	107-21-1	- 20	10 52	- 40	- 104	Sk (EH40)

Sk - Can be absorbed through skin.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Liquid.  
**Odour:** Mild  
**Flash Point (°C):** N/A

## 10. STABILITY AND REACTIVITY

Stable under normal conditions.

**Hazardous Reactions:** None known.

**Incompatible materials and conditions:** Strong oxidising agents. Acids. Alkalis.  
Heat.

**Hazardous Decomposition Product(s):** May decompose in a fire, giving off toxic and irritant vapours. Carbon monoxide, Carbon dioxide

## 11. TOXICOLOGICAL INFORMATION

**Inhalation:** May cause irritation to the respiratory system.

**Ingestion:** Ingestion may cause irritation of the gastrointestinal tract.

**Skin Contact:** May cause sensitization by skin contact. Repeated and/or prolonged skin contact may cause irritation.

**Eye Contact:** May cause eye irritation.

## 12. ECOLOGICAL INFORMATION

Avoid release to the environment.

**Persistence and Degradation:** Not readily biodegradable.

**Toxicity:** Ethane-1,2-diol  
LC<sub>50</sub> / 96 h (Rainbow trout) 18,500 mg/l

## 13. DISPOSAL CONSIDERATIONS

Do not empty into drains; dispose of this material and its container in a safe way. Disposal should be in accordance with local, state or national legislation.

## 14. TRANSPORT INFORMATION

Not classified according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.

## 15. REGULATORY INFORMATION

### European Regulations



Irritant.

**Hazard Symbol:**

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**Risk Phrases:**

R43: May cause sensitization by skin contact.

**Safety Phrases:**

S1/2: Keep locked up and out of the reach of children.  
S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.  
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
S60: This material and its container must be disposed of as hazardous waste.  
S61: Avoid release to the environment. Refer to special instructions/Safety Data Sheets.

## 16. OTHER INFORMATION

**Use:**

A water based emulsion paint for use against fungi and moulds on internal surfaces such as walls and ceilings.

**Risk Phrases:**

R22: Harmful if swallowed.  
R23/24: Toxic by inhalation and in contact with skin.  
R34: Causes burns.  
R43: May cause sensitization by skin contact.  
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Additional Information:**

The data and advise given apply only when the product is used for the stated applications. The product is not sold as suitable for any other application. Use for other applications may give rise to risks not mentioned here, and advise should be sought from us.  
For intended use and applications see the technical data sheet for the product.  
If you have purchased the product for supply to a third party for use at work, it is your duty to ensure that any person handling or using the product is provided with the information in this sheet.  
If you are an employer, it is your duty to tell your employees, and others who may be affected, of any hazards described in this sheet and of any precautions which should be taken.