

MATERIAL SAFETY DATA SHEET

according to EU Directive 93/112/EC

MOULD ERADICATION ADDITIVE

Version: 2

Print date: 21.1.05

**1. Identification of Substance/Preparation and Company**

Product Name Mould Eradication Additive
Company Biokil Crown Ltd
7 Stadium Ind Park, Long Eaton
Nottingham, NG10 2DD
Telephone 0115 946 0060
Fax 0115 946 9767
Emergency Telephone 07967 10 71 95

2. Composition / Information on ingredients

	Cas Number	Hazard	R. Phase
2-Octyl-2H-isothiazol-3-one (7.5% w/w a.i.) (In Propylene Glycol)	26530-20-1	T, N	22-23-34-43-50

3. Hazards identification

Classification according to "the Chemicals (Hazards Information and Packaging) Regulation:
C, Corrosive Harmful by Inhalation and if swallowed
Causes burns
May cause sensitization by skin contact

4. First aid measures

Swallowing: Rinse mouth with water. Administer water and if possible, medicinal charcoal. Seek medical attention immediately. Never administer anything by mouth to an unconscious person.

Eyes: Rinse immediately with plenty of water for at least 15 minutes, and obtain medical advice.

Inhalation: Remove patient to fresh air, keep warm and at rest. Seek medical advice immediately.

Skin: Remove Contaminated clothing and wash affected areas with soap and water. If irritation occurs consult a doctor. Launder contaminated clothing before re-use.

5. Fire fighting measures

Suitable Extinguisher Media: Foam, dry chemical, water spray or jet

PPE: Fire: B.A. Chemical resistant boots, gloves and coveralls. Eye/face protection.

Products of combustion: Nitrogen oxides and sulphur dioxide.

PPE: Spillage: Chemical resistant boots, gloves and eye/face protection.

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**6. Accidental release measures****Wear suitable personal protective equipment.**

Shut off or remove source of leak. Absorb spill with dry sand, earth, vermiculite or similar. Place into suitable labeled container to await disposal. If product has entered ponds, waterways, ditches or sewer, inform police and fire brigade immediately.

Small spillages may be absorbed with suitable industrial paper wipes.

7. Handling and storage

Keep out of reach of children. Store in cool dry conditions, in sealed containers, away from food, drink and animal feedstuffs. Wear suitable gloves and eye/face protection when opening container or mixing.

8. Exposure controls / personal protection

Wear suitable gloves (PVC or PE) eye/face protection and coveralls. Ensure good ventilation in the working environment. In areas of poor ventilation or if spraying, wear suitable respiratory protection (air fed mask of passive respirator fitted with a suitable cartridge or filter).

Engineering controls of user exposure may replace PPE if it can be shown to provide an equal or better level of protection.

9. Physical and chemical properties**Appearance:** Light brown/amber liquid**Flash Point:** >100°C**Odour:** Mild**Auto Ignition:** >370°C**pH:** N/A**Oxidising Properties:** None Known**Flash Point** N/A**Density:** 0.98 – 1.0g/ml**Boiling Point:** >100°C (Thor)**Melting Point:** N/A**Explosive Properties:** None**Vapour pressure:** Not Known**Solubility in water:** Partly miscible**Solubility in solvent (Specify Solvent):** Not Known**Partition Coefficient:****10. Stability and reactivity**

Stable and non-reactive when stored and handled correctly. Keep apart from strong oxidizing agents and bases. Keep storage temperature below 60°C.

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**11. Toxicological information**

Acute toxicity of active ingredient ca 1600mg/kg rat (Thor) – oral

Effects of Acute (over) Exposure

Skin: Burns at the sites of contact (reddening of the skin with possible blistering).
Eyes: Severe irritation (Stinging), Watering.
Inhalation: Respiratory irritation, nausea, headache, drowsiness.
Ingestion: Burns of the mouth and gastrick tract. Possible perforation of the gastrick tract and stomach.

12. Ecological information

Bacterial Toxicity 500ppm a.i. (Thor).

Below bacterial toxicity level the active ingredient (a.i) is Biodegradable. A.i. will not influence the AOX of waste water.

Do not allow waste product or empty containers to contaminate streams, waterways, ponds or ditches.

May exhibit some phytotoxicity.

13. Disposal considerations

Dispose of in accordance with "The Environmental Protection Act 1990" preferably by high temperature Incineration, at an approved site, licensed by local authority, and operated by an approved, competent and licensed waste disposal contactor.

Decontaminated containers may be sent for re-cycling.

Duty of care waste transfer form should specify: Isothiazolinone.

14. Transport information

Packaging Group III
Hazard Class 8 (item 66 c)
UN No. 1760 Corrosive liquid n.o.s.
Trem Card No. (see UN No)
Other Information Not Classified as a marine pollutant

15. Regulatory information

Designation according to UK AND EC guidelines: C : Corrosive

Risk Phrases: 20/22 Harmful by inhalation and if swallowed.

34 Causes Burns

43 May cause sensitization by skin contact

Safety Phrases: 36/37/39 Wear Suitable protective clothing, gloves and eye/face protection

24 Avoid contact with skin

26 in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

45 In case of accident or if you feel unwell, seek medical advice immediately. The Control of substances Hazardous to Health regulations, will apply to the use of this product at work.

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