

MATERIAL SAFETY DATA SHEET

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Revision 03

The Wykamol Group,
Units 1-3, Knowsley Road Industrial Estate,
Knowsley Road,
HASLINGDEN,
Lancs, BB4 4RX

Tel: 01706 831223 Fax: 01706 214998

1. PRODUCT IDENTIFICATION

Trade Name	Microtech Biocide
Description	Concentrate micro emulsion masonry biocide (dilute 1:24 before use)

2. HAZARDOUS INGREDIENTS

Component	%	Hazard Data (EEC Classification)
3-Iodo-2-Propynyl-n-Butyl Carbamate (fungicide; IPBC)	2.48	Xn CAS No.55406-53-6

3. HAZARD IDENTIFICATION

Irritant : Xi (unclassified after dilution)

6. HANDLING AND STORAGE

Handling: No special requirements
Storage: Store securely in a banded, well ventilated area free from extremes of temperature and away from foodstuffs etc.

4. EMERGENCY & FIRST AID

Eyes: Rinse immediately with plenty of water (or eye wash) for at least 15 minutes. Seek medical attention if symptoms persist.
Skin: Remove contaminated clothing. Wash with soap and water.
Inhalation: Remove to fresh air.
Ingestion: Wash mouth with water. DO NOT INDUCE VOMITING. Keep at rest. Seek medical attention.

7. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures: Ensure adequate ventilation during and after use.
Personal Protection: Coveralls, boots, synthetic rubber/PVC gloves or gauntlets.
Eye Protection: Use face shield when diluting concentrate or spraying.
Respiratory Protection: Use organic vapour filter in 'half-mask' respirator when spraying.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Any
Special Fire Fighting Procedures: None
Unusual Fire Hazards: None

8. SPILL OR LEAK PROCEDURES

Prevent spillage etc. from entering drains/rivers. Soak up with absorbent material and dispose of safely (see Section 13). Equipment washings etc. should be used to dilute next concentrate mix where possible.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear amber liquid	Odour	Mild (solvent)
pH	Ca. 4	Boiling Point	c. 90°C
Melting Point	N/A	Flash Point	N/A
Flammability	Non-flammable	Autoignition Temp.	N/A
Oxidising Properties	-	Solubility in Water	Fully miscible
Relative Density	1.01	Vapour Pressure	-

10. STABILITY AND REACTIVITY

Conditions to avoid: Temperatures in excess of 40°C

Materials to avoid: Alkalis

Hazardous decomposition products:
Combustion may generate irritating fumes

12. ECOLOGICAL INFORMATION

Dangerous to fish and other aquatic life.
No bioaccumulation expected; all components readily biodegradable in soil and water.

13. WASTE DISPOSAL

Dispose of concentrate and dilute waste as 'Special Waste' (Special Waste Regulations 1996). Washed out packaging can be disposed as 'Controlled Waste' (EPA, 1990) when crushed.

11. TOXICOLOGICAL INFORMATION

Inhalation: Aerosol may irritate the nose/throat.

Skin Contact: Not classified as Irritant once diluted.

Skin Absorption: No known sensitisation potential.

Eye Contact:
May cause discomfort/redness if contact with concentrate prolonged.

Ingestion: May cause nausea if swallowed.

Acute Overexposure: LD₅₀ IPBC > 1470 mg/kg

Chronic Overexposure: Frequent contact may cause skin condition to deteriorate.

14. TRANSPORT INFORMATION

No special regulations apply. Vehicles should provide secure storage area to contain spillage in the event of an accident.

15. REGULATORY INFORMATION

Use only in accordance with Statutory Conditions given under the Control of Pesticides Regulations 1986. HSE Approval No. 7361. Professional use only. FOR USE ONLY AS A SURFACE BIOCIDES.

16. OTHER INFORMATION

The COSHH Regulations 1999 may apply to the use of this product.
Shelf Life: 12 months