

MATERIAL SAFETY DATA SHEET

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Revision 01

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1. PRODUCT IDENTIFICATION

<u>Trade Name</u>	Wykamol Boron Rods
<u>Description</u>	Solid water diffusible wood preservative.

2. HAZARDOUS INGREDIENTS

Component	%	Hazard Data (EEC Classification)
Boric oxide (anhydrous boric acid)	97	CAS No: 1303-86-2

3. HAZARD IDENTIFICATION

Not classified as hazardous under CHIP 1994 Regulations. May be harmful to plant or aquatic life.

6. HANDLING AND STORAGE

Handling: No special requirements

Storage: Keep securely in original containers out of reach of children and in dry conditions.

4. EMERGENCY & FIRST AID

Eyes: Use eye wash or water to cleanse. If symptoms persist, seek medical attention.

Skin: Wash with soap and water.

Inhalation: If irritation occurs, remove to fresh air.

Ingestion: Small quantities (e.g. one 8 x 65m rod) should not cause harm to healthy adults. For large amounts, drink plenty of water and seek medical attention.

7. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures: Not normally necessary.

Personal Protection: Coveralls, gloves

Eye Protection: Not normally necessary

Respiratory Protection: Not necessary.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Any

Special Fire Fighting Procedures:
None (non-flammable, flame retardant)

Unusual Fire Hazards: None

8. SPILL OR LEAK PROCEDURES

Do not allow rods to enter drains or watercourses. Dry rods can be replaced in packs and used normally.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colourless, glass-like rods	Odour	None
pH	5.0 (1% solution)	Boiling Point	N/A
Melting Point	Approx. 325-500°C	Flash Point	N/A
Flammability	N/A	Autoignition Temp.	N/A
Oxidising Properties	N/A	Solubility in Water	4% @ 20°C
Relative Density	Approx. 1.8	Vapour Pressure	Negligible

10. STABILITY AND REACTIVITY

Conditions to avoid: Generally stable except when damp/wet when boric acid is produced.
Materials to avoid: -
Hazardous decomposition products: None

12. ECOLOGICAL INFORMATION

Boron occurs naturally in soils/water-courses but excess boric acid may be locally harmful to plant or aquatic life. Non-persistent due to normal leaching processes (water soluble).

13. WASTE DISPOSAL

'Waste' should not normally arise but where necessary small quantities can be handled as "Controlled Waste" under EPA 1990
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11. TOXICOLOGICAL INFORMATION

Inhalation: -
Skin Contact: Low acute dermal toxicity. Non-irritant.
Skin Absorption: Di-sodium octaborate is poorly absorbed through intact skin.
Eye Contact: Non-irritant in rabbits.
Ingestion: Low acute oral toxicity.
Acute Overexposure: Non-sensitiser
Chronic Overexposure: No known adverse effects

14. TRANSPORT INFORMATION

No special regulations apply.

15. REGULATORY INFORMATION

Approved for use as a wood preservative under the Control of Pesticides Regulations 1986 (HSE 7405)

16. OTHER INFORMATION

General advice on the safe use of wood preservatives is given in HSE's Guidance Note "Remedial Timber Treatment in Buildings" ISBN 0-11-885987-0
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