

MATERIAL SAFETY DATA SHEET FOR

March 2011



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PROTECTIMBER®

INTRODUCTION

Date of issue: 31st March 2011

STATEMENT OF HAZARDOUS NATURE: NOT CLASSIFIED AS A HAZARDOUS SUBSTANCE

COMPANY DETAILS: BORON SOLUTIONS AUSTRALIA P/L

CAN : 061 074 048

STREET ADDRESS: Unit 6 / 37 Mortimer Rd
ACACIA RIDGE Q 4110

POSTAL ADDRESS **P.O.Box 846**
ARCHERFIELD Q 4108

TELEPHONE NO: (61) (07) 3274 4622
FAX NO: (61) (07) 3274 4688
Email enquiries@boron.com.au
www.mabonstiberprotect.com.au

EMERGENCY TELEPHONE NO: FREECALL: 1800 815 477(Australia Only)

PRODUCT IDENTIFICATION

Product Name: Mabon s ProtecTimber
Other Names: Mabon s ProtecTimber Professional
Product code BPROT/BPTP
APVMA approval N# **54637I1101 and 56892 0303**
UN Number: None allocated
Dangerous Goods Class: Not applicable
Hazchem Code: Not applicable
Subsidiary Risk: Not applicable
Toxic Substances Schedule: Caution Schedule 5
NFPA: (Health: 2) - (Flammability: 0) - (Reactivity: 0)
Packing Group: Not applicable
IMDG: Not applicable
Manufacturer: **Mabon's Timber Protection Australia**
Use: Insecticide, termiticide, fungicide, algaecide, mouldicide and slimeicide for preventative and remedial treatment of timber, brick and other porous masonry finishes.

PHYSICAL DESCRIPTION I PROPERTIES:

Appearance: Clear colourless liquid with a sweet smell.

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Form:	Liquid
Boiling Point:	>1000C
Melting Point:	<00C
Vapour pressure:	Relatively non-volatile
Vapour density:	Not applicable
Volatile Component:	Not available
Specific gravity:	1.22
Flash Point:	Not applicable
Flammability Limits:	Not applicable
Auto-ignition Temp:	>4000C
Solubility in water:	100%

INGREDIENTS:

<u>Chemical Entity</u>	<u>CAS. No.</u>	<u>Proportion</u>
Disodium Octaborate Tetrahydrate	2280-03-4	10-30%
Benzalkonium Chloride	8001-54-5	<10%
Mono Ethylene glycol	107-21-1	<60%
Water	7732-18-5	To 100%

HEALTH HAZARD INFORMATION:

Swallowed:	Harmful if swallowed. May cause nausea, vomiting, diarrhoea and abdominal pain. Central nervous system stimulation followed by depression may occur following ingestion of large quantities.
Eye:	Irritating to eyes.
Skin:	Harmful in contact with skin. Irritant. Prolonged or repeated exposure may lead to de-fatting of the skin, which could cause secondary dermatitis.
Inhaled:	Irritant. Inhalation of mist may cause headache, nausea and irritation of the throat and respiratory tract.
Chronic	Kidney and liver damage may result from chronic exposure. Chronic exposure may cause hair loss, weight loss and diarrhoea.

FIRST AID:

Swallowed:	Never give anything by mouth to an unconscious person. If swallowed, and if more than 15 minutes for a hospital, induce vomiting, preferably using Ipecac syrup APE. If poisoning occurs, contact a doctor or Poisons Information Centre.
Eye:	In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

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Ensure eyewash and safety showers are available and ready for use.

Skin:

After contact with skin, wash immediately with plenty of warm soapy water. Seek medical assistance if large area involved.

Inhaled:

Remove victim to fresh air. Lay patients down and keep warm and rested. If breathing is shallow or has stopped, ensure airway is clear and apply resuscitation. Seek medical assistance.

Advice to Doctor:

Treat symptomatically. Early diagnosis and treatment of ingestion is important. Ensure emesis is satisfactory. Test for correct metabolic acidosis and hypocalcaemia. If evidence of renal insufficiency apply rapid and sustained diuresis with the use of hypertonic mannitol. Evaluate renal status and begin haemodialysis if indicated.

PRECAUTIONS FOR USE:

Exposure Standards:

Workplace exposure standards:

TWA WES-C

Mono ethylene glycol

50ppm (127mg! m³)

Borax

1mg! m³

Engineering Controls:

Good Ventilation required. Local exhaust should be provided if handled in confined areas.

Personal Protection:

Wear eye protection in the form of goggles, Nitrile, PVC or rubber gloves, PVC boots and polyester overalls should be worn when manufacturing or handling the concentrated product.

An "organic vapour respirator should be used during any spraying operations.

Flammability:

Not flammable.

STORAGE & HANDLING INFORMATION

Road Transport:	Not dangerous goods
Sea Transport:	Not dangerous goods
Storage:	Store in a dry place away from foodstuffs at all times. Store away from sources of heat or ignition.
Spills and Disposal:	Wear protective clothing as above. Do not allow into drains or watercourses. Contain spill by absorbing with sand, earth or other absorbent material. Wash down spill area with copious quantities of water. Waste and empty containers must be disposed on it accordance with local

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	government regulations. Dispose of by liaising with a waste disposal company or by disposing at a site approved by relevant local authorities.
Disposal of Containers,	5, 10 litre and 200 litre drums of Mabon s PROTECTIMBER® can be disposed of at collection centres after triple or pressure rinsing the container and air drying ensuring no residue is left inside or outside the container.
Reactivity Data:	Stable. Avoid strong acids and oxidising agents.
Fire/Explosion Hazard:	Not flammable but will burn in a fire. Use water spray to cool containers threatened by fire. Use alcohol foam, water fog, dry chemical or carbon dioxide to extinguish.

ADDITIONAL INFORMATION:

TOXICITY DATA:

Product: Oral LD50 (rat) - 6216 mg/kg

Disodium octaborate Oral LD50 (rat) - 2000 mg/kg

Tetrahydrate: Oral LD50 (guinea pig) - 5300 mg/kg

Benzalkonium chloride: Oral LD50 (rat) - 240ml/kg
Skin LD50 (rat) - 1560 mg/kg
Human eye - 50µg SEV

Mono ethylene glycol: Oral LD50 (rat) - 4700 mg/kg
Lower lethal dose (human) - 786 mg/kg

Environment: Prevent spillage from entering waterways.

CONTACT POINTS:

BORON SOLUTIONS AUSTRALIA Pty Ltd

Mabon's 24 HOUR EMERGENCY NUMBERS

Business hours FREECALL 1800 815 477(Australia Only)

After Hours: (61 7) 3274 4622

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FIRE OR POLICE
IN AN EMERGENCY, DIAL 000 24 hr Emergency No:

Poisons Centre Phone: 13 12 26