



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

Reg. Number:
83933-1

Date of Issuance:
December 26, 2007

Term of Issuance:
Conditional

Name of Pesticide Product:
Bioguard Paste

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Preschem Pty. Ltd
147-149 Herald St.
Cheltenham, Victoria 3192
Australia

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
 - a) Revise the EPA Registration Number to read, "EPA Reg. No. 83933-1".
 - b) Change the percentage of the active ingredient "sodium Fluoride" to 20.4%.

Signature of Approving Official:

Adam Heyward
Product Manager 34
Regulatory Branch II
Antimicrobials Division (7510P)

Date:

December 26, 2007

EPA Reg. No. 83933-1

c). Add the following caution statement to the if swallowed instructions of the first aid statement:

"Do not give anything to an unconscious person."

d). Delete the child hazard statement from the first aid statement and add the child hazard statement immediately following the ingredient statements

e). The word "warning" in the precautionary statement must be in large letters as such: "WARNING."

3. Submit OPPTS Test Guidelines Series 830.1700 [Preliminary Analysis] by July 4, 2008.

4. Submit an enforcement analytical method [OPPTS Test Guidelines Series 830.1800] by July 4, 2008.

5. Refer to the attached product chemistry review dates 12/20/07 for ongoing data requirements.

6. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Adam Heyward
Product Manager 34
Regulatory Branch II
Antimicrobials Division (7510P)

Enclosure: (Stamped Label)

Bioguard Paste

FOR INDUSTRIAL USE ONLY.

NOT FOR HOUSEHOLD USE.

KEEP OUT OF REACH OF CHILDREN

WARNING

FIRST AID	
IF IN EYES	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently for 15 -- 20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a Poison Control Center or doctor for treatment advice.
IF SWALLOWED	<ul style="list-style-type: none">• Call a Poison Control Centre or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by a Poison Control Center or doctor.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15 -- 20 minutes.• Call a Poison Control Center or doctor for treatment advice.
IN CASE OF EMERGENCY, CALL CHEMTREC AT 800-424-9300. Have the product container or label with you when calling a Poison Control Center or doctor for further treatment advice.	
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.	

Active Ingredients:

Boric Acid 40.8%
Sodium Fluoride* 22.5%

Other Ingredients: 36.7%
TOTAL: 100.0%

*Contains 10.17% available fluorine.

See Side Panel for Additional Precautionary Statements

EPA Reg. No. 83933-

EPA Est. No.

Preschem Pty. Ltd.
147-149 Herald St.
Cheltenham, 3192, Victoria
Australia

BATCH NO:

NET CONTENTS:

44 lbs 10 lbs 20.2 oz
 22 lbs 10.1 oz

ACCEPTED
with COMMENTS
EPA Letter Dated:

DEC 26 2007

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.

83933-1

Bioguard Paste

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DESCRIPTION

Bioguard Paste has a total of 63.7% active ingredients for preservation of timber. The paste is a combination of boron and sodium fluoride which effectively diffuses through timber. Bioguard Paste can be used above or below ground in situations where timbers are susceptible to wood-decaying fungi.

Bioguard Paste is commonly used for groundline treatment of utility poles worldwide, and for other applications such as railroad ties, protection of posts, timber bridges and other timber structures that become susceptible to decay.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling

UTILITY POLES-External Application:

Bioguard Paste is applied with a brush or trowel directly onto the timber after inspection. Apply to achieve a layer of no less than 1/16" thick to the required distance above and below ground line. Typical applications are from 18" to 24" below ground to 3" above groundline. Ensure paste is pushed into uneven surfaces on the pole such as cracks and checks. It is not uncommon to treat the complete below ground surface of poles where a pole has been exposed near a roadway or hillside. The paste is then covered with a water-proof bandage. If more than one bandage is required, overlap ends to insure complete coverage. Wrap bandage tightly, stapling or nailing to keep it in place. Back fill and tamp soil firmly, but do not fill above the bandage.

PRE-FORMED BANDAGE APPLICATION

Bioguard Paste can be pre-applied into bandages so as to provide a 1/16" thick layer of paste to the pole. These bandages can be pre-cut to the required length and width and must be made of a water-proof material.

TIMBER STRUCTURES-Internal Application

For control of internal decay Bioguard Paste can be applied into holes where protection is required. Using the smallest pack size and a grease/caulking gun application can be via a pressurised applicator. Following application it is important to cap holes with a plug.

RAIL ROAD TIES-External Application

Bioguard Paste is applied manually or with a simplified mechanical application machine. Typical applications include the application of the paste under the tie plate to achieve a layer no less than 1/16" in thickness. Ensure the paste penetrates uneven surfaces, checks and the predrilled holes of the spikes or screws which hold the tie plate in place. Minimizing the biological deterioration of wood around anchoring hardware ensures longevity for the tie, reduces loosening of the tie plate and resulting gauge widening of the rail.

OTHER WOODEN STRUCTURES

Apply to area requiring protection using a minimum thickness of 1/16" and always ensure a protective bandage is secured over the paste to prevent interference.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

Warning: Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Harmful if swallowed or if absorbed through skin. Avoid contact with skin, eyes or clothing. Wear goggles or face shield. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Do not store near open heat or flame.

CONTAINER DISPOSAL:

Triple rinse (or equivalent) Then offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

If product is in metal container, do not attempt to burn or incinerate. Triple rinse (or equivalent) Puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

PESTICIDE DISPOSAL:

Pesticide wastes are toxic. Improper disposal of excess pesticide is a violation of Federal Law. If these wastes can not be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.