
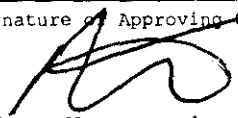


74940-1

11/14/2002

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 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Antimicrobials Division (7510C) 1200 Pennsylvania Avenue, NW Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <u>  x  </u> Registration <u>     </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: 74940-1	Date of Issuance: NOV 14 2002
	Term of Issuance: Conditional	
	Name of Pesticide Product: Boraguard	
Name and Address of Registrant (include ZIP Code): Boraguard, Incorporated 58 Lakewood Drive Asheville, NC 28803		
<p><b>Note:</b> 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.</p> <p>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.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"><li>1. Submit and/or cite all data required for registration/reregistration 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 reregistration of your product under FIFRA section 4.</li><li>2. Make the labeling changes listed below before you release the product for shipment.<ol style="list-style-type: none"><li>a. Add the phrase "EPA Registration Number 74940-1"</li></ol></li></ol>		
Signature of Approving Official:  Adam Heyward Product Manager (34) Regulatory Management Branch II Antimicrobial Division Branch (7510C)		Date:  NOV 14 2002

- b) With respect to the first aid statement, revise the if swallowed instruction to include the statement "Do not give anything by mouth to an unconscious person."
- c) Add the following statement at the beginning or end of the first aid statement.

"Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment:

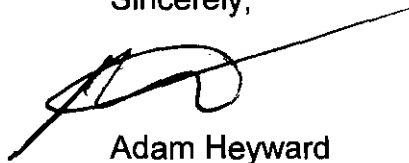
Refer to PR Notice 2001-1

- d) The reference to MSHA can be deleted.

A stamped copy of the labeling accepted with conditions is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the above revisions.

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 product constitutes acceptance of these conditions.

Sincerely;

A handwritten signature in black ink, appearing to read 'Adam Heyward', with a long horizontal line extending to the right.

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

## BORAGUARD

**For the preservation, protection and preventative treatment of wood  
against decay fungi and wood-destroying insects  
(May also be used for wood composite structural components)**

Only for sale to, use and storage by  
Professional pest control operators

### ACTIVE INGREDIENTS

Disodium Octaborate Tetrahydrate 99%  
( $\text{Na}_2\text{B}_8\text{O}_{13} \cdot 4\text{H}_2\text{O}$ )

OTHER INGREDIENTS 1%

**TOTAL** 100.0%

**KEEP OUT OF REACH OF CHILDREN**

### CAUTION

See side panel for Additional  
Precautionary Statements and Practical Treatment

Manufactured by:

BORAGUARD, Inc.  
58 Lakewood Drive  
Asheville, NC 28803

EMERGENCY PHONE: (800) 222-1222

EPA REG. NO: 74940-

Est. No. \_\_\_\_\_

Net Contents: \_\_\_\_\_

**ACCEPTED  
with COMMENTS  
EPA Letter Dated:**

NOV 14 2002

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 74940-1

## PRECAUTIONARY STATEMENTS:

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**"CAUTION":** Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Personal protective clothing, normal work clothes (i.e., long pants, shoes plus socks, a long sleeved shirt) plus waterproof gloves for all handlers, and a NIOSH/MSHA certified respirator during mixing and loading. Wash thoroughly with soap and water after handling. Avoid contamination of food and feed. Do not leave container where children or animals may gain access.

#### FIRST AID:

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a Poison Control Center or doctor immediately for treatment advice.

**IF ON SKIN:** 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.

**IF SWALLOWED:** Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told by a Poison Control Center or doctor.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable mouth to mouth, if possible. Call a Poison Control Center for further treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. In case of emergency, for additional information call: (XXX) XXX-XXXX.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, ponds, estuaries, oceans, or other waters unless in accordance with the requirement of a National Pollutant Discharge System (NPDES) permit and permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**DIRECTIONS FOR USE:** IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

BORAGUARD is a water soluble inorganic borate salts for the protection and treatment of lumber and wood composite structural components against decay fungi and wood boring beetles including Powder Post Beetle (Lyctidae), Furniture Beetles and Old House Borers (Anobiidae), and Longhorn Beetles (Cerambycidae). This treatment is not effective against wood staining fungi and may require mixing it with compatible products. BORAGUARD also controls Subterranean termites (*Reticulitermes*, *Coptotermes* (Formosan), *Heterotermes*), Dampwood Termites (*Zootermopsis*), Drywood termites (*Kaloterms*, *Incisitermes*), and Carpenter Ants (*Camponotus*).

BORAGUARD is recommended for all interior and exterior wood and wood composite structural components which will be protected from rain and **not** in direct contact with soil. The treatment of lumber is permanent even after cutting and finishing providing the wood is not exposed to moisture or in contact with the soil.

This product is toxic to wood destroying insects but surface etching of treated wood and wood composite structural components may occur.

**DIP-DIFFUSION TREATMENT: PREPARATION OF SOLUTIONS:** To prepare solutions, described below, water should be added to the tank to about 80% of the solution required. The temperature is then raised to the desired level and the calculated amount of BORAGUARD is gradually added with good agitation. The remaining water is then added and the solution is agitated for an additional 10 minutes to ensure that all of the product has dissolved. The temperature of the solution should be maintained during treatment. Upon cooling some borate may crystallize out of the solution, but will redissolve when the solution is heated for the next treatment session. In very cold weather, some heating or insulation should be provided to prevent solidification in the bottom of the tank. The tank should be covered when not in use to prevent contamination and evaporation of water.

## SUGGESTED CONDITIONS AND SOLUTIONS STRENGTHS FOR THE DIFFUSION METHOD

Lumber Diffusion Thickness Complete in	Pounds of BORAGUARD For 100 Gallons	Solution Temp	
Up to 1 inch (2.5cm)	140	105°F(40°C)	2 to 4 weeks
1 to 1.75 inches (2.5cm to 4.0cm)	180	120°F(50°C)	4 to 6 weeks
1.75 to 2.5 inches (4.0cm to 6.5cm)	250	130°F(55°C)	4 to 6 weeks
2.5 to 3 inches* (6.5cm to 7.5cm)	280	135°F(57°C)	6 to 8 weeks

\* Lumber over 3 inches (7.5cm) in thickness or over 5 inches (12.5cm) in width should be dipped twice 24 to 72 hours apart.

**DIP-DIFFUSION METHOD OF APPLICATION:** Dip freshly cut lumber in a tank containing a hot aqueous solution of BORAGUARD for 2 to 5 minutes. After dipping, the newly treated wood should be stacked and stored under a tarpaulin or shed roof to slow the drying process and prevent wash off by rainfall, thus improving penetration. Diffusion of the wood preservative into the interior of the wood will start immediately and will require several weeks to thoroughly penetrate the lumber depending on species and thickness of wood. The dip-diffusion method of treatment can result in complete penetration throughout the whole cross-sectional area of treated lumber.

**PRESSURE TREATMENT:** Pressure treatment must rigidly adhere to the current specifications of BORAGUARD or those of the American Wood Preserver's Association (AWPA).

**PRE-TREATMENT:** Wood composite structural components may be treated to prevent infestation of attacking organisms. Apply a 10% aqueous solution of BORAGUARD (1 lb./gallon solution). Solution may be applied by spray or brush until surface is thoroughly wetted (approximately 7-10 gallons per 1000 sq. ft.) Current BORAGUARD and/or American Wood Preservers' Association specification and test methods should be followed to ensure adequate chemical loadings in wood.

**STORAGE AND DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal.

**STORAGE:** Store in a dry place. Do not store where children or animals may gain access.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### Warranty Limitations and Disclaimer

Because of varying conditions affecting the use and application, manufacturer warns buyer that these may impair or vary the results or effects of the use of this product. In any event, complete prevention of decay or insect infestation is not guaranteed. Neither the manufacturer nor seller shall be liable in respect to any injury or damage suffered by reason of use of this product for a purpose not indicated by the label or when used contrary to the directions or instructions hereon or with respect to breach any warranty not expressly specified herein. Buyer accepts this material subject to these terms and assumes all risk of usage and handling except when used or handled in accordance with this label. Neither manufacturer nor seller, makes, and their employees and agents are not permitted to make, any representation or warranties, express or implied by law, not specifically set forth herein.