

65382-6

04/28/2000

3174-1/16

1999 1998 INSTRUCTIONS ON REVERSE SIDE OF COMBINING FORM.

FORM APPROVED, UMD NO. 4010-1001, APPROVAL EXPIRES 6-99



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

Application for Pesticide - Section I

Company/Product Number 65382-6	2. EPA Product Manager Marion Johnson	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
Company/Product (Name) Arbortech WP	PM# 03	
Name and Address of Applicant (Include ZIP Code) Valor Enterprises P.O. Box 3309 San Diego, CA 92163 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 1624-39 Product Name Tim-Bor	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated 3/31/00
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

3/31/00  
**NOTIFICATION**  
APR 28 2000

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Section - III

Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container
Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/>
Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____	

Section - IV

Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Judith L. Pitman	Title President	Telephone No. (Include Area Code) 858-569-1928
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Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received  
(Stamped)

Signature 	3. Title President
Typed Name Judith Pitman	5. Date 4/19/00

ARBORTECH(tm) WP

A Preservative for Protection and Treatment of Wood and Wood-foam Composite Structural Components Against Decay Fungi and Wood-Destroying Insects

Active Ingredient:

Disodium Octaborate Tetrahydrate ..... 98%  
(Na<sub>2</sub>B<sub>8</sub>O<sub>13</sub>.H<sub>2</sub>O)

Inert Ingredient: ..... 2%

(Product contains 2% H<sub>2</sub>O-absorbed moisture)

**NOTIFICATION**

**APR 28 2000**

KEEP OUT OF REACH OF CHILDREN

CAUTION

✓ EPA reg. No. **65382-6**  
EPA est. No. 65382-CA-001

NET CONTENTS:  
50LBS (23.0 KG)

Manufactured by:  
Valor Enterprises  
P. O. Box 3309  
San Diego, CA 92163  
Emergency Phone:  
(877) 569-1928

PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid contact with eyes. Wash thoroughly after handling. Avoid contamination of food and feed. Do not leave container where children or animals may gain access.

STATEMENT OF PRACTICAL TREATMENT: IF SWALLOWED, immediately contact a physician or Poison Control Center. If these are unavailable, give the victim 1 or 2 glasses of water and induce vomiting by touching back of throat with fingers. Do not induce vomiting or give anything by mouth to an unconscious person.

If in eyes, flush with plenty of water. Get medical attention if irritation persists. If on skin, remove contaminated clothing and wash skin with soap and water. If inhaled, remove victim to fresh air.

✓  
ENVIRONMENTAL HAZARDS: "Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the 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."

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

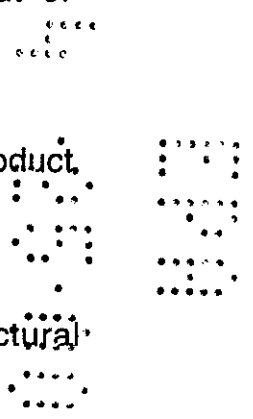
Storage: Store in a dry place. Do not store where children or animals may gain access.

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.

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

ARBORTECH(tm) WP is a water soluble inorganic borate salt for the protection and treatment of lumber and wood-foam composite structural



components against decay fungi and wood boring beetles including Powder Post Beetles

(Lyctidae), Furniture Beetles and Old House Borers (Anodilidae), and Longhorn Beetles (Cerambycidae). This treatment is not effective against wood staining fungi and may require mixing with compatible products.

ARBORTECH(tm) WP also controls Subterranean Termites (Reticulitermes, Coptotermes, Heterotermes), Dampwood Termites (Zootermopsis), Drywood Termites (Kaloterms, Incisitermes), and Carpenter Ants (Camponotus).

ARBORTECH(tm) WP is recommended for all interior and exterior wood and wood-foam 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-foam 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

ARBORTECH(tm) WP is gradually added with good agitation. The remaining water is then added and the solution 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 SOLUTION STRENGTHS FOR THE DIP-DIFFUSION METHOD

Lumber Diffusion Complete In Thickness	Pounds of ARBORTECH(tm) WP for 100 Gallons Solution	Solution Temperature	Solution
Up to 1 inch (2.5 cm)	140	105oF (40oC)	2 to 4 weeks
1 to 1.75 inches (2.5 cm to 4.0 cm)	180	120oF (50oC)	4 to 6 weeks
1.75 to 2.5 inches (4.0 cm to 6.5 cm)	250	130oF (55oC)	4 to 6 weeks
2.5 to 3 inches* (6.5 cm to 7.5 cm)	280	135oF (57oC)	6 to 8 weeks

Lumber over 3 inches (7.5 cm) in thickness or over 5 inches (12.5 cm) 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 ARBORTECH(tm) WP 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 washoff 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 ARBORTECH(tm) WP and/or those of the

American Wood Preservers' Association (AWPA).

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

Pretreatment of Polystyrene beads prior to expansion. Mix ARBORTECH(tm) WP dry chemical 3% to 5% weight to the dry polystyrene beads and process in normal manner to manufacture Polystyrene insulation.

Notice

Because of many varying conditions affecting 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 by fungi or other organisms is not guaranteed. Neither manufacturer nor seller shall be liable in respect to any injury or damages suffered by reason of the use of this product for a purpose not indicated by the label, or when used contrary to the directions or instructions hereon, nor with respect to breach of 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.

There are no express warranties on ARBORTECH(tm) WP or implied warranties of merchantability or fitness for any particular purpose, except as specifically stated herein. Manufacturer shall not be liable for any consequential damages based on the use of the product.

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