

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number: 65382-6

Date of Issuance: MAR 31 2000

NOTICE OF PESTICIDE:
[X] Registration
[] Reregistration

Term of Issuance: Conditional

Name of Pesticide Product: Arbortech WP

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Valor Enterprises
P.O. Box 3309
San Diego, CA 92163

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.

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.

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 reregistration of your product under FIFRA section 4.

2. Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 65382-6".
b. In the Environmental Hazards paragraph, remove the statement, "This product is toxic to fish". The use of this statement is not warranted for this product.

Signature of Approving Official: Marion J. Johnson, Jr./ PM 10

[Handwritten Signature]

Date: MAR 31 2000

EPA Form 8570-6

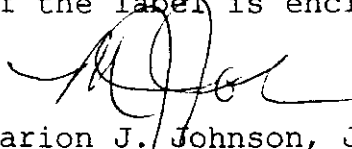
CONCURRENCES

Table with 3 rows (SYMBOL, SURNAME, DATE) and 8 columns for recording concurrences.

3. Submit two copies of the revised final printed label for the record.

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.



Marion J. Johnson, Jr.
Product Manager
Insecticide Branch
Registration Division
(7505C)

ARBORTECH™ 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%

($\text{Na}_2\text{B}_8\text{O}_{13}\cdot\text{H}_2\text{O}$)

Inert Ingredient: 2%

(Product contains 2% H₂O-absorbed moisture)

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA reg. No.

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

ACCEPTED
with COMMENTS
In EPA Letter Dated:
MAR 31 2000

Manufactured as a Fungicide,
Insecticide and Preservative under FIFRA Act,
and as a wood preservative under FIFRA Act.
EPA Reg. No. 65382-6

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: "This pesticide is toxic to fish. 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™ 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.

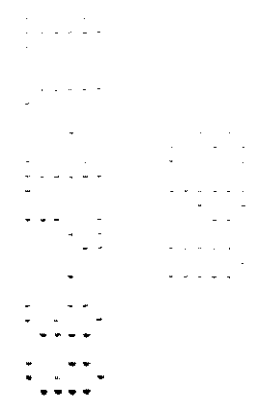
ARBORTECH™ WP also controls Subterranean Termites (*Reticulitermes*, *Coptotermes*, *Heterotermes*), Dampwood Termites (*Zootermopsis*), Drywood Termites (*Kaloterms*, *Incisitermes*), and Carpenter Ants (*Camponotus*).

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

