



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (7505P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

93576-1

Date of Issuance:

12/3/18

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

AMBOR-WP

Name and Address of Registrant (include ZIP Code):

Georgia Anastasiou
 Lewis & Harrison, LLC
 Agent for Natural Wood Solutions, LLC
 122 C Street NW, Suite 505
 Washington, DC 20001

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 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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 93576-1."
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Signature of Approving Official:

Elizabeth Fertich, Product Manager 04
 Invertebrate Vertebrate Branch 1, Registration Division (7505P)

Date:

12/3/18

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Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 03/20/2018

If you have any questions, please contact Helen Hull-Sanders by phone at 703-347-0243, or via email at hull-sanders.helen@epa.gov

Enclosure

AMBOR-WP™

WOOD PROTECTION INSECTICIDE/FUNGICIDE

For the protection and preventative treatment of wood* against decay fungi and wood-destroying insects and for remedial control of such pests in infested wood.

*Also for wood-foam composite structural components.

ACTIVE INGREDIENT:

Disodium Octaborate Tetrahydrate ($\text{Na}_2\text{B}_8\text{O}_{13}\cdot 4\text{H}_2\text{O}$).... 100%
 [Boric Oxide (B_2O_3) equivalent 67%]

**KEEP OUT OF REACH OF CHILDREN
 CAUTION**

ACCEPTED

12/03/2018

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 93576-1

FIRST AID

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 to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious or convulsing person.

IF IN EYES

- Hold eye open and rinse slowly and gently with water for 15 to 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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

See side [side][back] [below] for First Aid [language][statements].

EPA Reg. No. 93576-1

EPA Est. No. _____

Net Contents:

PRECAUTIONARY STATEMENTS**Hazards to Humans and Domestic Animal**

CAUTION. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE)**Applicators and other handlers must wear:**

Waterproof gloves, eye protection, protective clothing (e.g., long-sleeved shirt, long pants, and shoes) and wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N*, R, or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N*, R, or P filter; OR a NIOSH-approved powered air-purifying respirator with an HE filter.

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. This product, carelessly spilled or applied to cropland or growing plants, including, trees and shrubs, may kill or seriously retard plant growth. Do not contaminate water by cleaning of equipment or disposal of wastes. 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.

USE INFORMATION

AMBOR-WP™ is a water-soluble inorganic borate salt with insecticidal and fungicidal properties effective against wood-destroying organisms, including the listed target pests. This product can be used for remedial treatment of infested wood, for preventative treatment (before signs of infestations), for wood in existing structures, or for pre- treatment of wood during construction.

This product is recommended for wood and cellulose materials, in accordance with the specific treatment methods described herein. This product is effective for all interior and exterior wood (and wood- foam composite structural components) that will be protected from excessive rain not in direct contact with soil.

AMBOR-WP™ is recommend to be used for controlling wood destroying organisms and maybe incorporated into inventory management systems for wood and cellulosic products that can include but is not limited to lumber, logs, timbers, ties, utility poles, posts, fencing, decks, access mats, wood composites, cellulosic insulation, and wood-foam structural components that will be protected from excessive rain not in direct contact with soil. AMBOR-WP™ can be utilized for the remedial treatment of wood destroying organisms. AMBOR-WP™ should not be applied after a stain, paint or other coating is applied to the wood or cellulosic material surface. All coatings should be removed before AMBOR-WP™ is applied. AMBOR-WP™ can be applied using pressure treating systems, spray systems, dip systems, dip-diffusion systems, and by brush.

DIRECTIONS FOR USE

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

TARGET ORGANISMS

This product is effective for treatment of wood (and wood-foam composite structural components) against wood destroying organisms including but not limited to decay fungi, including brown, white and wet rots and wood boring insects such as, but not limited to the following Termites, Beetles and Carpenter ants: Subterranean Termites (*Reticulitermes*, *Heterotermes*, *Coptotermes*), Drywood Termites (*Kaloterms*, *Incisitermes*), Dampwood Termites (*Zootermopsis*), Powder-Post Beetles (Lyctidae), "False" Powder-Post Beetles (*Bostrichidae*), Furniture and Deathwatch Beetles (*Anobiidae*), Old House Borers, Longhorn Beetles (*Cerambycidae*) Ambrosia Beetles (*Scolytidae*)

[USE RESTRICTIONS: In Alabama, this product may only be used as supplementary treatment for control of subterranean termites. Any other use of this product for subterranean termite control work is prohibited in Alabama.]

PREPARATION OF TREATMENT SOLUTION

- **10% Aqueous Solution:** To prepare solution, water should be added to the tank to about 80% of the final volume of solution required. While agitating, add 1 pound of this product gradually for each gallon of treating solution required. The remaining water is then added and the solution is agitated until the product is dissolved.
- **15% Aqueous Solution:** Prepare solution as above, but gradually add 1.5 pounds of this product for each gallon of treating solution that is required. NOTE: This concentrated solution should be used immediately and should not be stored unless in heated agitated vessels. Equipment should be rinsed and cleaned after use.
- **20% Aqueous Solution:** Prepare solution as above, but gradually add 2.0 pounds of this product for each gallon of treating solution that is required. NOTE: This concentrated solution should be used immediately and should not be stored unless in heated agitated vessels. Equipment should be rinsed and cleaned after use.
- **25% Aqueous Solution:** Prepare solution as above, but gradually add 2.5 pounds of this product for each gallon of treating solution that is required. NOTE: This concentrated solution should be used immediately and should not be stored unless in heated agitated vessels. Equipment should be rinsed and cleaned after use.
- **15% Foam:** Prepare 15% aqueous solution as listed above and add surfactant/foaming agent. Typically 1 to 2 ounces of foaming agent added to the 15% aqueous solution will produce a dry foam with the desired expansion ratios of approximately 20 to 1 (approximately 20 gals. of foam per 1 gal. of aqueous solution). This foam should be of a consistency that adheres to wood surfaces so that runoff is minimized. Since each foam machine can produce different foams, refer to the equipment manufacturer manuals and the surfactant's label for specific instructions.

APPLICATION

This product may be used as a solution, powder or foam. The solution can typically be applied to wood by brush, spray, dip diffusion, or pressure treatment. Application of the solution may also be made by drilling and then injecting under pressure into sound wood or the galleries of infested wood. As a foam, this product may be applied directly to wood surfaces or injected into insect galleries or wall voids. As a dust, this product can be used for a crack and crevice and void treatment for general insect control. See specific sections of label for application instructions.

REMEDIAL AND PREVENTATIVE TREATMENT

Solutions: For remedial control of organisms attacking wood or for protection of wood against future infestations, 2 applications of 10% aqueous solution are normally required. Alternatively, apply 1 application of the 15% aqueous solution. Apply solutions of this product by brush or spray until wood surface is thoroughly wet, at a rate of approximately 5 gallons per 1,000 square feet of wood surface area. Application may also be made by drilling and then injecting the solution under pressure into sound wood or until runoff is observed from entry/exit holes of infested wood.

Powder: Alternatively, apply this product to wood members by drill and injection into galleries or dust generously on wood surfaces. This product can also be injected into wall voids such as between studs, block voids, box sill, eaves, attics, soffits, etc. Apply powder at a rate of approximately 0.5 ounce (12 to 14 grams) per square foot.

Foam: Apply foam so that all accessible wood surfaces are covered with foam. Where possible, place foam between wood joints or abutting wood surfaces. In wall voids, inject enough foam to contact wood surfaces of studs in the wall or the target area desired. Foam can be injected into galleries until runoff is observed from entry/exit holes.

PRE-TREATMENT OF WOOD

Spray, foam or powder/dust applications of this product may also be made to wood during construction. Apply solution to all accessible surfaces of bare wood at a rate of approximately 5 gallons per 1,000 square feet of wood surface area. Application should be performed after framing and roofing are in place and before insulation and dry wall are installed. Avoid spraying electrical components. Protect treated wood from excessive rain. End-cuts of wood may also be treated by the application methods listed above or by a 1 to 5 minute dipping in this product's solution.

CROSS TIE APPLICATIONS

AMBOR-WP™ can be used on hardwood lumber (e.g. Railroad crossties and switchties under AWWA Book of Standards, 2010, (Use Category U1-10, Section 3, Commodity Specifications for Treated Wood End Uses). The Borate treated wood must also be post treated with an oil borne preservative for encapsulation purposes. The finished wood product can be rated as a 4C Category Use per the AWWA Book of Standards.

Hardwood species will require 20% solutions and the use of elevated temperatures (150-180oF. AWWA Book of Standards, Section T1-10, Sec. A lists the regulated operating conditions for a Pressure Treatment cycle. One gallon of 20% AMBOR-WP™ solution is made by diluting 1.86 lbs of AMBOR-WP™ with 7.45 lbs of hot water with good agitation and heat. Maintain heat and mixing to avoid crystallization of the AMBOR-WP™.

Hardwood Railroad ties can be Pressure Treated with a 20% AMBOR-WP™ (DOT) solution to the point of refusal (approximately 0.6 gal/tie) to give a loading of 0.27 lbs/cu.ft. of DOT (1 lb of DOT/ 7"x9"x8.5' tie)

FOR DIP-DIFFUSION, PRESSURE, AND WOOD TREATMENT USE

DIP DIFFUSION TREATMENT

This method of treatment can result in complete penetration throughout the whole cross-sectional area of the treated lumber.

Preparation of Solution:

1. Add Water to the tank to about 80% of the required solutions.
2. Raise the temperature to the desired level and gradually add the calculated amount of this product with agitation.
3. Add the remaining water. Agitate the solution of an additional 10 minutes to ensure complete dissolution of this product.
4. Maintain the temperature of the solution during treatment.

Note: Upon cooling, some borate may crystallize out of the solution, but these will redissolve when solution is heated for the next treatment season. In very cold weather, some heating, insulation, and agitation should be provided to prevent solidification at the bottom of the tank. The tank should be covered when not in use to prevent evaporation and contamination of the water.

Application Method:

Dip freshly cut lumber in a tank containing hot aqueous solution of this product for 2 to 15 minutes. After dipping, stack and store the newly treated wood 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 wood interior will start immediately and will require several weeks to thoroughly penetrate the lumber depending on the species and wood thickness. Different species of wood will require different solution concentrations and the more difficult species may require a second dipping cycle. Lumber treated in this process, needs to conform to AWPA standards U1-10 and T1-10.

PRESSURE TREATMENT

This treatment must rigidly adhere to the most current specifications of this product and/or those of the American Wood Protection Association (AWPA).

WOOD TREATMENT

Wood Treatment during Construction: Apply 10 to 25% solution to runoff on all accessible interior and exterior wood surfaces as a minimum treatment to the bottom 24 inches up from foundation or ground at the rate of approximately 5 gallons per 1000 square feet of wood surface area. Apply after framing and roofing are in place, before insulation and dry wall installed. Treatment may also be made on the whole house. **Treatment of Crawl Spaces and Basements:** Apply 10 to 25% solution to runoff on all exposed and/or accessible wood. Where one wood side is exposed, treat twice. Allow to dry between treatments.

Treatment to Wood-Foam Composite Structural Components:

Apply 10% solution on all sides to runoff.

GENERAL INSECT CONTROL

This product may also be used as a crack and crevice and void treatment of general insect control such as Ants, Crickets, Earwigs, Roaches and Silverfish. This product may not be used for Flea control. The 15% aqueous solution may be used as a crack and crevice treatment.

Dust this product into wall voids and hiding places such as cracks and crevices, moist areas, openings around pipes and sinks, under refrigerators, behind baseboards, coffee makers, meter boxes and manholes. No powder should be visible in living areas after application. Any powder visible after the application must be brushed into cracks and crevices or removed. Apply only in areas inaccessible to children and pets. Avoid contamination of feed and foodstuffs. Do not use in serving areas when food is exposed.

Application of this powder or 15% aqueous solution is limited to crack and crevice treatment only in food areas of food handling establishments. Apply this between equipment and floors, opening leading to voids and hollow spaces in walls, and equipment legs and bases where insects hide. Care should be taken to avoid depositing the product into exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces.

APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD-HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT, ARE NOT PERMITTED.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

PESTICIDE 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:

Nonrefillable Container (flexible-bag-all weights): Nonrefillable container. Do not reuse or refill this container. If empty offer for recycling, if available. 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—CONDITIONS OF SALE

OUR DIRECTIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and wood conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

Manufactured for:



P.O. Box 130
Mooreville, MS 38857

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