



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

DEC 29 2009

Ms. Teri Muchow
Osmose, Inc.
980 Ellicott Street
Buffalo, NY 14209

Subject: Label Notification for Pesticide Registration Notice 2007-4
(EPA Registration Number 3008-61)

Dear Ms. Muchow,

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated August 25, 2009 for the product WOOD-BOR (EPA Registration Number 3008-61). The Registration Division (RD) has conducted its review of this request for its applicability under PRN 2007-4 and finds that the label changes requested fall within the scope of PRN 2007-4. The label submitted with the application has been stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please call me directly at 703-305-6249 or Steve Schaible of my staff at 703-308-9362.

Sincerely,

A handwritten signature in black ink, which appears to read "Theresa A. Stone" followed by a stylized flourish.

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

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United States Environmental Protection Agency Washington, DC 20460		<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
Application for Pesticide - Section I			
1. Company/Product Number 3008-61		2. EPA Product Manager Sharon Carlisle (acting)	
4. Company/Product (Name) WOOD-BOR		3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted	
5. Name and Address of Applicant (Include ZIP Code) Osmose, Inc. 980 Ellicott Street Buffalo, NY 14209 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(ii), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	
Section - II			
<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.		<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - Explain below.	
NOTIFICATION DEC 29 2009			
Explanation: Use additional page(s) if necessary. (For section I and Section II.) Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the confidential statement of formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.			
Section - III			
1. 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
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	5. Location of Label Directions
6. 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			
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Teri Muchow		Title Manager - Regulatory Administration	
		Telephone No. (Include Area Code) 716-319-3255	
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)
2. Signature 		3. Title Manager - Regulatory Administration	
4. Typed Name Teri Muchow		5. Date August 25, 2009	



980 Ellicott Street, Buffalo, NY 14209-2398 716-882-5905 Fax: 716-882-2834

TRANSMITTAL DOCUMENT

Name and Address of Submitter: Osmose, Inc.
980 Ellicott Street
Buffalo, NY 14209

Regulatory action in support of which this package is submitted: Notification of label change per PR Notice 2007-4.

EPA Reg. No./File Symbol: 3008-61

Product Name: WOOD-BOR

Transmittal Date: August 25, 2009

Administrative Materials

----- Transmittal Document

EPA Form 8570-1 Application for Pesticide Registration/Amendment

----- Revised Label

Company Official: Teri Muchow

Company Name: Osmose, Inc.

Company Contact: Teri Muchow

Phone Number: 716-319-3255

Fax Number: 716-319-3130

Email Address: tmuchow@osmose.com

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DIRECTIONS FOR USE

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

WOOD-BOR 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 (Anobiidae), and Longhorn Beetles (Cerambycidae). WOOD-BOR also controls Subterranean Termites (Reticulitermes, Heterotermes), Dampwood Termites (Zootermopsis), Drywood Termites (Kaloterms, Incisitermes), and Carpenter Ants (Camponotus).

WOOD-BOR is not intended as a substitute for mechanical alteration, soil treatment or foundation treatment. WOOD-BOR is not intended for application to soil. In areas where a soil treatment/barrier termiticide treatment is required, WOOD-BOR may be applied as a supplemental pretreatment to protect wood from subterranean termites that may penetrate chemical gaps occurring in termiticide-treated soil. WOOD-BOR is not a soil termiticide. Do not treat soil directly. When active infestations exist, get a professional inspection. This product is toxic to wood destroying insects but surface etching of treated wood-foam composite structural components may occur.

WOOD-BOR 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. Treatment is long lasting as long as the treated material is not exposed to rain or continuous water or contact with the ground.

DIP-DIFFUSION TREATMENT

Preparation of Solution: To prepare solutions, described below, water should be added to the tank to about 80% of the volume of solution required. The temperature is raised to the level and the calculated amount of WOOD-BOR 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 Thickness	Pounds of WOOD-BOR for 100 Gallon of Solution	Solution Temperature	Diffusion Complete in
Up to 1 inches (2.5 cm)	140	105°F (40°C)	2 to 4 weeks
1 to 1.75 inches (2.5 to 4.0 cm)	180	120°F (49°C)	4 to 6 weeks
1.75 to 2.5 inches (4.0 to 6.5 cm)	250	130°F (54°C)	4 to 6 weeks
2.5 to 3 inches* (6.5 to 7.5 cm)	280	135°F (57°C)	6 to 8 weeks

DIP-DIFFUSION METHOD OF APPLICATION: Dip freshly cut lumber in a tank containing a hot aqueous solution of WOOD-BOR 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 procedures must adhere to the current American Wood Preserver's Association (AWPA) standards.

Wooden railroad ties and timbers may be pre-treated with WOOD-BOR prior to treatment with an oil-borne preservative. Solution may be applied by pressure or dip-diffusion method of application to obtain a minimum 1.0 lb of borate per tie. Apply a minimum 20% aqueous solution of WOOD-BOR for pressure method of application and apply a minimum 30% aqueous solution for dip diffusion method of application. The following oil-borne treatment must adhere to the directions and restrictions on the oil-borne label.

PRE-TREATMENT

Wood-foam composite structural components may be treated to prevent infestation of attacking organisms. Apply a 10% aqueous solution of WOOD-BOR (1 lb/gal solution). Solution may be applied by spray until surface thoroughly wetted (approximately 7-10 gallons per 1,000 sq. ft.) (refer to AWPA specifications and test methods to ensure adequate chemical loadings in wood).

Osmose

WOOD-BOR

A Preservative For Protection
and Wood-Foam Composite
Against Decay Fungi and Wood

ACTIVE INGREDIENTS:

Disodium Octaborate Tetrahydrate.....
(Na₂B₈O₁₃ • 4H₂O)

INERT INGREDIENTS:

KEEP OUT OF REACH

CAUTION

FIRST AID

If inhaled	Move person to fresh air. If person is not breathing, call 911 respiration, preferably by mouth. Call a poison control center or doctor.
If on skin or clothing	Take off contaminated clothing. Rinse skin immediately with plenty of water. Call a poison control center or doctor.
If in eyes	Hold eye open and rinse slowly and gently with water for at least 15 minutes. Remove contact lenses, if present and not difficult to remove. Call a poison control center or doctor.
If swallowed	Call poison control center or doctor. Have a person sip a glass of water if person is conscious. 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 person.
Have the product container or label with you when calling doctor, or going for treatment.	

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONS

EPA Registration No. 3008-61
EPA Establishment No. 3008-TN-1

Osmose®
Disinfectant
98%
Borax

BATCH NUMBER: _____

NET CONTENTS: _____

Osmose® WOOD-BOR

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

ACTIVE INGREDIENTS:

Disodium Octaborate Tetrahydrate.....98.00%
(Na₂B₈O₁₃ • 4H₂O)

INERT INGREDIENTS:.....2.00%
Total 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

If inhaled	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.
If on skin or clothing	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 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 eye. Call a poison control center or doctor for treatment advice.
If swallowed	Call poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No. 3008-61
EPA Establishment No. ☐ 3008-TN-1 ☐ 3008-NY-1 ☐ 3008-SC-1

Osmose®

Distributed By:
Osmose, Inc.
980 Ellicott Street
Buffalo, NY 14209

BATCH NUMBER: _____ NOTIFICATION

DEC 29 2009

NET CONTENTS: _____

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed or inhaled. Causes eye irritation. Avoid contact with eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

Personal Protective Equipment (PPE):

Mixers/loaders, applicators and other handlers must wear long-sleeve shirt and long pants, shoes plus socks, protective eyewear, chemical resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber), respirator with a dust, fume, mist removing cartridge in accordance with NIOSH Guidelines when occupational exposure limits (TLV's) are exceeded.

User Safety Recommendations:

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove personal protective equipments immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not contaminate water by cleaning of equipment or disposal of waste. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public 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 treatment plant authority. For guidance contact your State Water Board or Regional Office of the Environmental Protection Agency.

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot 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.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or 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.

Osmose is a registered trademark of Osmose, Inc.

AUG-2009