

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 exists, 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 continous 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 then raised to the desired 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 CONDITONS 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 Treatment of Wood and Wood-Foam Composite Structural Components Against Decay Fungi and Wood-Destroying Insects

ACTIVE INGREDIENTS:	
Disodium Octaborate Tetrahydrate.....	98.00%
(Na ₂ B ₈ O ₁₃ • 4H ₂ O)	
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.	<input type="checkbox"/> 3008-TN-1	<input type="checkbox"/> 3008-NY-1	<input type="checkbox"/> 3008-SC-1

Osmose®

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

ACCEPTED

NET CONTENTS: JUN 12 2007

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 3008-61

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