

# Timbor

## INSECTICIDE AND FUNGICIDE

A wood preservative for the protection and treatment of lumber against fungal decay and wood destroying insects.

For prevention and remedial control of wood\* infesting organisms including: Drywood Termites, Wood Destroying Beetles, Termites and Carpenter Ants \*Also for Wood Foam Composite Structural Components

### Active ingredient:

Disodium Octaborate Tetrahydrate ( $\text{Na}_2\text{B}_8\text{O}_{13} \cdot 4\text{H}_2\text{O}$ ) ..... 98%  
Inert ingredient\* ..... 2% \*Contains 2% H<sub>2</sub>O - Absorbed Moisture)

EPA Reg. No. 64405-8

EPA Est. 64405-TN-1

### Precautionary statements

#### Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed or inhaled. Causes moderate 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.

### Statement of Practical Treatment

**If Swallowed:** Call a physician or poison control center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting. **If Inhaled:** Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention. **If In Eyes:** Flush eyes with plenty of water. Call a physician if irritation persists. In case of a medical emergency involving this product call (800) 424-9300 or you local poison control center.

### Environmental Hazards

Tim-bor or Tim-bor solutions carelessly spilled or applied to cropland or growing plants, including trees and shrubs, may kill or seriously retard plant growth. Cover nearby plants and soil to avoid possible contamination. Do not apply directly to water. 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.

## **NOTICE**

Read and understand the entire label before using. Use only according to label directions. Before buying or using this product, read WARRANTY LIMITATION AND DISCLAIMER statement found elsewhere on this label. If terms are unacceptable, return unopened package to seller for full refund of purchase price. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under WARRANTY LIMITATIONS AND DISCLAIMER.

## **DIRECTION FOR USE**

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

## **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: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## **GENERAL INFORMATION**

Tim-bor is a water soluble, inorganic borate salt with insecticidal and fungicidal properties effective against wood-destroying organisms, including the target pests listed below. This product can be used for preventative treatment (before signs of infestation), for wood in existing structure and for remedial treatment of infested wood in existing structures.

Tim-bor is recommended for wood and cellulose materials in accordance with the specific treatment methods described herein. Tim-bor is effective for all interior and exterior wood (and wood-foam composite structural components) that will be protected from excessive rain and not in direct contact with soil. Types of wood include, but are not limited to, all type of lumber, logs, and plywood. This product will kill wood-destroying organisms. Some etching of treated wood may occur from organisms before they die.

Tim-bor should not be applied to wood or cellulose material that has been painted, varnished or sealed. For best results, apply Tim-bor to bare wood.

Use soap and water to clean application equipment.

## **Target Organisms**

Tim-bor is an effective treatment for wood (and wood wood-foam composite structural components) to kill and prevent infestations of decay fungi including white rot, brown

rot, (i.e. *Poria*) and wet rots. Tim-bor is also effective for the prevention and control of wood destroying insects such as, but not limited to, the following organisms:

### **Subterranean Termites**

(*Reticulitermes*, *Heterotermes*, *Coptotermes* [Formosan]) **Drywood Termites**  
(*Kaloterms*, *Incisitermes*)

**Dampwood Termites** (*Zootermopsis*)

**Powderpost Beetles** (*Lyctidae*)

**“False” Powderpost Beetles** (*Bostrichidae*) **Deathwatch and Furniture Beetles**  
(*Anobiidae*)

**Old House Borers, Longhorn Beetles** (*Cerambycidae*) **Carpenter Ants**  
(*Camponotus*)

**Bark and Timber Beetles** (*Scolytidae*)

### **Preparation of Treatment Solution**

**10% Tim-bor Liquid Solution:** To prepare solution, add approximately 80% of the required volume of water to the mixing vessel. While stirring, gradually add 1.0 pound of Tim-bor for each gallon of treating solution required. Add remaining water to the solution and stir until the entire product has dissolved.

**15% Tim-bor Liquid Solution:** Prepare solution as above, but gradually add 1.5 pounds of Tim-bor for each gallon of treatment solution needed. This solution should be use as soon as possible and not stored for an extended length of time.

**15% Tim-bor Foam:** Prepare a 15% liquid solution as described above and also add a surfactant-foaming agent. Generally 1-2 ounces of a foaming agent added to the 15% liquid solution will product a dry foam with the desired expansion ratio of approximately 20 to 1 (20 gallons of foam per 1 gallon of liquid solution). The Tim-bor foam should be of a “dry” consistency that adheres to wood surfaces so that run-off is minimized. A “wet” foam could damage wall board or other building components. It is also recommended to refer to the individual foam equipment manufacturer’s manual and the surfactant’s label for specific instructions.

Wash and rinse all equipment after each use.

### **Application**

Tim-bor as a liquid solution: Apply two application of a 10% solution to wood surfaces by brush or spray. Tim-bor liquid applications may be made to wood structures including decks, fences, steps, sheds, barns and other out-buildings.

Tim-bor may be used as a liquid solution, a powder or a foam. Apply two applications of a 10% solution to wood surfaces by brush or spray. Apply one application of a 15% solution to wood surfaces by brush or spray. Application may also be made by drilling and then injecting the solution under pressure into sound wood or into the insect galleries of infested wood. Tim-bor may be applied as a foam to wood surfaces or injected into wall voids or insect galleries.

## **Remedial and Preventative Treatment**

Tim-bor solutions for the Control of Wood Destroying Organisms and to Kill Active Infestations of Termites, Powderpost Beetles and Wood Decay Fungi: For remedial control of wood attacking organisms or for the protection of wood against future infestations, two applications of a 10% liquid solution are normally required. One application of a 15% liquid solution may be used. Apply Tim-bor solutions by brush or spray at the rate of 5 gallons of liquid solution per 1000 square feet of wood surface area. Wood surface area should be thoroughly wet after application. Application may also be made by drilling and then injecting the liquid solution under pressure into sound wood or until run-off is observed coming from entry/exit holes of infested wood.

Tim-bor Powder to Kill and Control Wood Destroying Organisms, such as Termites and Carpenter Ants: Tim-bor may be applied as is to wood members by drilling and injecting the powder into galleries or by dusting generously on wood surfaces. Tim-bor powder can also be injected or dusted into wall voids such as between studs, block voids, box sills, eaves, attics, soffets, etc. Apply Tim-bor powder to these areas at the rate of .05 ounce (12-14 grams) per square foot.

Tim-bor Foam: In wall voids, inject enough dry foam to contact wood surfaces of studs in the wall or the entire desired target area. Apply foam, where possible, to abutting wood surfaces and between wood joints. Apply the foam so that all accessible wood surfaces are covered with foam. Tim-bor foam can also be injected into insect galleries until run-off is observed.

Protect newly treated wood from excessive rain or moisture.

## **WARRANTY LIMITATIONS AND DISCLAIMER**

*Because of varying conditions affecting the 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 or insect infestation is not guaranteed. Neither the manufacturer nor seller shall be liable in respect to any injury or damage 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 or 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.*

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