



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

EPA Reg. Number:

1624-129

Date of Issuance:

SEP - 7 2006

Term of Issuance:

Conditional

Name of Pesticide Product:

Tim-bor Professional

Name and Address of Registrant (include ZIP Code):

U.S. Borax Inc  
26877 Tourney Road  
Valencia, CA 91355-1847

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/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. 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 Conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

- 1. Revise the EPA Registration Number to read. EPA Reg. No. "1625-129".

Signature of Approving Official:

Richard J. Geffen *[Signature]*  
Product Manager  
Insecticide Branch/Registration Division

Date:

SEP - 7 2006

- a. Front Panel:
  - b. Within the ingredient statement, the chemical structure "Na2B8O13-42O" should be replaced with CAS# 12280-03-4".
  - c. Remove ~~absorbed moisture~~ from other ingredients statement.
2. Insert a new subsection entitled "**Phyotoxicity**" and add the following text above the (PPE), section to read as follows:

"Phytotoxicity

This product may be phytotoxic to plants. When treating around the exterior of structures cover and protect shrubbery, and plants that may be potentially exposed to this product, when applied in accordance with the label directions."

3. Revise the Environmental Hazards Statement to read:

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.

4. Add the following statement on the second page under the sub-heading General Information.

a. "[Tim-bor Professional] is not intended as a substitute for mechanical alteration, soil treatment or foundation treatment. [Tim-bor Professional] is not intended for application to soil. In areas where a soil treatment/barrier termiticide treatment is required, [Tim-bor Professional] may be applied as a supplemental pretreatment to protect wood from subterranean termites that may penetrate chemical gaps occurring in termiticide-treated soil. [Tim-bor Professional] is not a soil termiticide. Do not use to treat soil directly. **When active infestations exist, get a professional inspection.**"

b. In addition, under the General Information Section, the text marked by strikeouts is the text that is to be deleted.

General Information

Tim-bor Professional 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 ~~remedial treatment~~ of infested wood or for ~~preventative treatment~~ (before signs of infestations) for wood in existing structure.

Tim-bor Professional is recommended for wood and cellulose materials, in accordance with the specific treatment methods described herein. Tim-bor Professional is effective for all interior and exterior wood that will be protected from excessive rain and not in direct contact with soil. Types of wood include, ~~but are not limited to all types of~~ lumber, logs, and plywood. This product is toxic to wood-destroying insects, but surface etching of treated wood by target organisms may occur.

5. Under the sub-heading "Preparation of treatment solution", add the following statement: Do not use foam application methods to treat for drywood termites.
6. The product may not bear any of the directions for use that exceed those on the stamped approved label or EPA Reg. 1624-39. Remove the sections titled "Remedial and preventive treatment and "General insect control". Therefore, you must cite/or submit efficacy data to the Agency for a formal review in support of these label and marketing claims.

Submit two copies of the 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 copy of the efficacy review is enclosed for your files.

A stamped copy of the label is enclosed for your records.

Sincerely yours,



Richard J. Gebken  
Product Manager 10  
Insecticide Branch  
Registration Division 7505c



ACCEPTED  
with COMMENTS  
in EPA Letter Dated

SEP -7 2006

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

1624-129

# Tim-bor® Professional

Wood Preservative/Insect Control

For protection and preventative treatment of wood\*  
against decay fungi and wood destroying insects and  
for remedial control of pests. (\*Also for wood-foam  
composite structural components.)

### Active ingredient:

Disodium Octaborate Tetrahydrate ..... 98%  
(Na<sub>2</sub>B<sub>8</sub>O<sub>13</sub> · 4H<sub>2</sub>O)

Other ingredients (absorbed moisture) ..... 2%

Total ..... 100%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

EPA reg. no. 1624-XX  
EPA est. 1624-CA-01

25 lb net contents  
(11.5 kg net)

Manufactured by  
**U.S. Borax Inc.**  
26877 Tourney Road  
Valencia, CA 91355-1847  
☎ 1 (661) 287-5400  
24 Hour Medical Emergency Number  
☎ 1 (866) 334-3571



### PRECAUTIONARY STATEMENTS:

#### Hazards to humans and domestic animals

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

#### First aid

*If swallowed*, call the emergency number listed below or a Poison Control Center, or doctor immediately for treatment advice. Have person drink 1 to 2 glasses of water if able to swallow. Do not induce vomiting unless told to by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious 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. Call a Poison Control Center or doctor for treatment advice.

*If on skin*, take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a Poison Control Center or doctor for treatment advice.

*If inhaled*, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth if possible. Call a Poison Control Center or doctor for further treatment advice.

In case of emergency, for additional information call the emergency number below. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

#### 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, neoprene rubber, polyvinyl chloride or viton) or barrier cream, respirator with particulate removing cartridge in accordance with NIOSH guidelines 42CFR Part 84, when occupational exposure limits 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 equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly.

#### Environmental Hazards

*Tim-bor Professional* or *Tim-bor Professional* solutions carelessly spilled or applied to cropland or growing plants, including trees and shrubs, may kill or seriously retard plant growth. The pesticide is toxic to Fish and Wildlife. 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.

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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.

## General information

*Tim-bor* Professional 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 remedial treatment of infested wood or for preventative treatment (before signs of infestations) for wood in existing structures.

*Tim-bor* Professional is recommended for wood and cellulose materials, in accordance with the specific treatment methods described herein. *Tim-bor* Professional is effective for all interior and exterior wood that will be protected from excessive rain and not in direct contact with soil. Types of wood include, but are not limited to, all types of lumber, logs, and plywood. This product is toxic to wood-destroying insects, but surface etching of treated wood by target organisms may occur.

## Target organisms

*Tim-bor* Professional is effective for treatment of wood against decay fungi, including brown (i.e. *Poria*), white, and wet rots and wood-boring insects including the following termites, beetles and carpenter ants:

- |                                                                                                         |                                                     |                                                             |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------|
| • Subterranean Termites<br><i>Reticulitermes</i> , <i>Heterotermes</i><br><i>Coptotermes</i> (Formosan) | • Carpenter Ants<br><i>Camponotus</i>               | • Furniture and Deathwatch Beetles<br><i>Anobiidae</i>      |
| • Drywood Termites<br><i>Kaloterms</i> , <i>Incisitermes</i>                                            | • PowderPost Beetles<br><i>Lyctidae</i>             | • Old House Borers, Longhorn Beetles<br><i>Cerambycidae</i> |
| • Dampwood Termites<br><i>Zootermopsis</i>                                                              | • "False" PowderPost Beetles<br><i>Bostrichidae</i> | • Ambrosia Beetles<br><i>Scolytidae</i>                     |

## 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 1.0 pound of *Tim-bor* Professional gradually for each gallon of treating solution required. The remaining water is then added and the solution is agitated until the product has dissolved.
- **15% aqueous solution:** Prepare solution as above, but gradually add 1.5 pounds of *Tim-bor* Professional for each gallon of treating solution that is required. *Note: this concentrated solution should be used immediately and should not be stored.* Equipment should be rinsed and cleaned after use.
- **15% foam:** Prepare 15% aqueous solution as listed above and add surfactant/foaming agent. Typically 1-2 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 (approx. 20 gallons of foam per 1 gallon of aqueous solution). *Tim-bor* Professional foam should be of a consistency that adheres to wood surfaces, so that run-off 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 INSTRUCTIONS:

*Tim-bor* Professional may be used as a solution, powder or foam. Two applications of 10% solution or one application of 15% solution can typically be applied to wood surfaces by brush or spray. 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, *Tim-bor* Professional may be applied directly to wood surfaces or injected into insect galleries, or wall voids. Please refer to U.S. Borax *Tim-bor* Professional Service Bulletin for specifics.

## Remedial and preventative treatment

**Solutions:** For remedial control of organisms attacking wood, or for protection of wood against future infestations, 2 applications of the 10% aqueous solution are normally required.

Alternatively, apply 1 application of the 15% aqueous solution. Apply solutions of *Tim-bor* Professional by brush or spray until wood surface is thoroughly wet, at a rate of approximately 5 gallons per 1000 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 run-off is observed from entry/exit holes of infested wood.

**Powder:** Alternatively, apply *Tim-bor* Professional powder to wood members by drill and injection into galleries or dust generously on wood surfaces. *Tim-bor* Professional powder 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 cups (12-14 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 run-off is observed from kick holes, or entry/exit holes.

## General insect control

*Tim-bor* Professional powder may also be used as a crack and crevice and void treatment for general insect control including Roaches, Silverfish, Earwigs, Crickets and Ants. *Tim-bor* Professional may not be used for flea control. *Tim-bor* Professional 15% aqueous solution may be used as a crack and crevice treatment only.

Dust *Tim-bor* Professional powder into wall voids and hiding places such as in 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 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 *Tim-bor* Professional powder or 15% aqueous solution is limited to crack and crevice treatment only when used in food handling establishments. Apply *Tim-bor* Professional powder or 15% aqueous solution between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases where insects hide. Care should be taken to avoid depositing the product onto 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.*

## General precautions and restrictions

Current U.S. Borax specifications/service bulletin should be followed for all treatment methods to ensure adequate chemical loadings in wood.

## 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:** 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.

Notice: Because of many varying conditions affecting use and application, manufacturer warrants buyer that these may impair or vary the results or effects of the use of this product. In any event, complete elimination 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 instructions or instructions herein, nor with respect to breach of any warranty not expressly specified herein. Buyer accepts this material subject to these terms, and assumes full risk of usage and handling except when used or handled in accordance with this label. There are no express warranties on *Tim-bor* Professional or implied warranties of merchantability or fitness for any particular purpose, except as specifically stated herein. Manufacturer shall not be liable for any consequential damage based on the use of this product.

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