

1448-420

03/15/2002

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
1448-420

Date of Issuance:  
March 15, 2002

NOTICE OF PESTICIDE:

Registration  
 Reregistration

Term of Issuance: Conditional

Name of Pesticide Product: TBCH

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Buckman Laboratories  
1256 N. McLean Blvd.  
Memphis, TN. 38108

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to the 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 you:

1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit one copy of the revised final printed label for the record changing the EPA File symbol 1448-UEN to EPA Registration Number 1448-420.
3. Reverse the order of the First Aid statement as follows: Swallowed, Eyes, Skin, Inhaled.
4. Under signal word DANGER insert phrase Corrosive and Strong Oxidizer.
5. Under Storage and Disposal add second sentence: Do not ship with Food, Feed, Drugs, or Clothing. At bottom of this section add second sentence to General heading: Do not smoke, eat or drink when handling this product.

6. Add your establishment number. (TL)

Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. Submit 2 finished copies of your revised labeling prior to release for our files.

Signature of Approving Official:

Robert Brennis  
Product Manager 32

Date:

MAR 15 2002

# TBCH

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

KEEP OUT OF REACH OF CHILDREN  
MAR 15 2002 DANGER

*Add  
Corrosive and  
strong Oxidizer*

ACTIVE INGREDIENTS:  
Bromochloro-5,5-dimethylhydantoin.....98%  
INERT INGREDIENTS:.....2%  
TOTAL.....100%

*DO NOT SHIP WITH  
FOOD, FEED, DRUGS  
OR CLOTHING*

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.  
**PESTICIDE STORAGE:** Store in a dark, cool [below 86°F (30°C)], dry, well-ventilated area, in well-labeled original container, away from energy sources, combustible organic materials, oxidizers, strong bases and moisture.  
**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. 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 your EPA Regional Office for guidance.  
**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.  
**SPILLS:** When handling or dealing with spills, use impact-resistant goggles with side-shields, or face shield; body-covering clothes, including impervious rubber or plastic gloves and boots, use a dust respirator if dusting occurs. Sweep up dry spills and dispose of as described for pesticide disposal. If drum contents are contaminated or decomposing, do not re-seal container; isolate unsealed drum in the open or in a well-ventilated area; flood with large volumes of water if necessary.  
**IN CASE OF FIRE:** Do not use ammonium phosphate extinguisher near water and TBCH. Hazardous reactions may occur.

Under the Federal Insecticide,  
Fungicide and Rodenticide Act,  
this pesticide is registered under EPA Reg. No. 1448-420  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

### PRECAUTIONARY STATEMENTS

**DANGER:** Corrosive. Causes irreversible eye damage and skin burns. Eye contact may cause loss of vision. Irritating to nose and throat. May be fatal if inhaled. Harmful if absorbed through skin or swallowed. Do not breathe dust or spray mist. Do not get in eyes, on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear goggles with side-shields, face shield, or safety glasses; protective clothing and rubber gloves. Wear a mask or pesticide respirator jointly approved by Mine Safety and Health Administration and the National Institute for Occupational Safety and Health. Wash thoroughly with soap and water after handling. Use with adequate ventilation. Remove contaminated clothing and wash before re-use.

### FIRST AID

<b>If Inhaled</b> 4	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If on Skin or Clothing</b> 3	<ul style="list-style-type: none"> <li>Brush off excess chemical</li> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with soap and water for at least 15 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in Eyes</b> 2	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Swallowed</b> 1	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person large quantities of water if able to swallow.</li> <li>Do not induce vomiting.</li> <li>Avoid alcohol.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-282-5626 for emergency medical treatment information.

### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. 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. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this pesticide only as specified on this label.

**CHEMICAL AND PHYSICAL HAZARDS:** Strong oxidizer, mix with water only. Reaction with combustible organic materials, bases, moisture or with oxidizers may generate heat, hazardous gases, and possibly, fire or chemical remnants. Does not burn, but will decompose, from about 320°F (160°C), releasing toxic gases. Avoid comminution and dusting. Keep container tightly closed when not in use.

### GENERAL

CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE AUTHORITIES. *DO NOT SMOKE, EAT, OR DRINK*

### DIRECTIONS FOR USE

*WHEN HANDLING THIS PRODUCT*

#### INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS

Used effectively at dosages recommended to achieve exposures to one part per million (ppm) of 'active' residual bromine to control algal, bacterial, and fungal slimes in industrial cooling towers; influent water systems, e.g. flow-through filters, and lagoons, etc; heat-exchange water systems; industrial water scrubbing systems; brewery and canning pasteurizers and industrial air-washing systems equipped with a mist eliminator.

#### Dosage rates

Initial dose: When noticeably fouled, add 2-6 lbs./10,000 gallons of water contained in the system. Repeat initial dosage until one ppm of 'active' residual bromine is established for at least 4 hours.

Subsequent dose: When microbial control is evident, add 1-3 lbs./10,000 gallons of water contained in the system. Repeat as needed to maintain one ppm of 'active' residual bromine for at least 4 hours.

#### ONCE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS

Used for the control of algal, bacterial, and fungal slimes, by adding to the system inlet, or before any other contaminated area in the system, in once-through and closed-cycle fresh and sea water cooling systems; cooling ponds; canals; and lagoons.

#### Dosage rates

Initial dose: When noticeably fouled, add 2-6 lbs./10,000 gallons of water contained in the system. Repeat initial dosage until one ppm of 'active' residual bromine is established for at least 4 hours.

Subsequent dose: When microbial control is evident, add 1-3 lbs./10,000 gallons of water contained in the system. Repeat as needed to maintain one ppm of 'active' residual bromine for at least 4 hours.

#### ORNAMENTAL FOUNTAINS

Dosage Rates: See dosage rates for industrial recirculating cooling water systems.

#### AIR CONDITIONER CONDENSATE

Place tablet in condensate line dispenser. Check once every six months or as required. The life of the tablet will vary depending upon atmospheric conditions and indoor air temperature requirements.

### HMIS/NPCA RATING

Health 3 Flammability 0 Reactivity 1

Product Weight: 15.14lbs./gal. 1.9 kg/l  
NET CONTENTS MARKED ON CONTAINER

EPA Reg. No. 1448-

Manufactured By:  
BUCKMAN LABORATORIES, INC.  
1256 N. McLean Blvd.  
Memphis, TN 38108  
EPA Est. No. 1448-TN-1

*Add establishment  
number*