

8622-70

08/30/2004

1/5



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

EPA Reg. Number:  
8622-70

Date of Issuance:  
August 30, 2004

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance: Conditional

Name of Pesticide Product:  
Halobrom BCDMH 96%

Name and Address of Registrant (include ZIP Code):

AmeriBrom, Inc.  
2115 Linwood Ave.  
Ft. Lee, N.J. 07024

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 that 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. Revise the label as described below, changing the EPA File symbol 8622-TN to EPA Registration Number 8622-70.
3. Under the first line of the For Swimming Pool Sanitization heading and the sentence "Keep pH between 7.2 and 7.6 and never allow it to fall below 7.0." The sentence must be in bold type and slightly larger than the preceding and following text.
4. Submit two copies of the revised 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.

Signature of Approving Official:

*Emily H. Mitchell*  
Emily H. Mitchell  
Acting Product Manager 32

Date:

8-30-04

{All text in brackets [xxx] is optional and may or may not be included on a final label.}  
{All text in braces {xxx} is administrative and will not appear on a final label.}

2/5

# {Master Label }

## Halobrom BCDMH 96%

{Optional marketing statements for use with swimming pool and spa and hot tub sanitization}

[For Pools and Spas]

[Sanitizer]

[Disinfectant]

[Bactericide]

[1" Tablets for Use in Bromine Feeders]

[For low-odor sanitization]

[Each tablet weighs approximately 20 grams.]

{Optional marketing statements for use with spa and hot tub sanitization only}

[For Spas and Hot Tubs]

[Sanitizer]

[Disinfectant]

[For low-odor sanitization]

[3/4" Tablets for Use in Bromine Feeders]

[Each tablet weighs approximately 6 grams.]

### PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### KEEP OUT OF REACH OF CHILDREN

### 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. Remove contaminated clothing and wash before re-use.

### Active Ingredient:

1,3-Bromochloro-5,5-dimethylhydantoin...96%

Other Ingredients: .....4%

Total:.....100%

Provides: 60% Available Bromine  
26% Available Chlorine

ACCEPTED  
with COMMENTS  
m EPA Letter Dated:

AUG 30, 2004

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

8622-70

NET WEIGHT: \_\_\_\_\_ LBS.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and aquatic organisms. 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.

**CHEMICAL AND PHYSICAL HAZARDS**

Strong oxidizing agent. Do not mix with other chemicals. Mix only with water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter or other chemicals will start a chemical reaction and generate heat, hazardous gas, possible fire and explosion. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well ventilated area. Flood area with large volumes of water.

**SPECIAL PRECAUTIONS, PLEASE READ BEFORE OPENING CONTAINER**

**MISUSE MAY RESULT IN SERIOUS PERSONAL INJURY REQUIRING HOSPITALIZATION. RELATED COMPLICATIONS MAY LEAD TO DEATH.**

**PREVENTION OF PHYSICAL INJURY:**

1. This product emits a powerful bromine gas: Do not open container indoors. Hold away from face when opening to avoid breathing fumes.
2. Mixing with other chemicals may cause a violent and instantaneous chemical reaction. Do not add this product to water in a pail. Do not add water to this product in a pail.
3. Follow label instructions exactly. Do not take advice from others. Do not experiment.

**PREVENTION OF PROPERTY DAMAGE:** Contact between this product in its undissolved state and vinyl liners, painted surfaces or other property in or around the pool will result in permanent bleaching of the color.

**DANGER**

**CORROSIVE AND STRONG OXIDIZER**

<b>FIRST AID</b>	
<b>If in eyes</b>	<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 on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<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 swallowed</b>	<ul style="list-style-type: none"> <li>• Call poison control center, or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p> <p><b>YOU MAY ALSO CONTACT 1-800-420-8236 FOR EMERGENCY MEDICAL ADVICE.</b></p>	
<p><b>NOTE TO PHYSICIAN</b></p> <p>Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
AUG 23, 2004

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

8622-70

{Directions to be used for swimming pool water sanitization}

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

**FOR SWIMMING POOL SANITIZATION**

When used as directed, this product is effective as a swimming pool water sanitizer and disinfectant.

Keep pH between 7.2 and 7.6 and never allow it to fall below 7.0.

The dosage necessary for your pool will change considerably depending upon those factors that burden the disinfection system. Some of the factors that will vary the required dosages are water temperature, bather load, exposure to windblown debris, thunder or rainstorms and length of filtration cycle.

→  
Bigger  
type  
and  
bold

**SWIMMING POOLS:** In newly filled pools, shock the pool if necessary. Backwash the filter system following manufacturer's directions. Adjust pH to between 7.2-7.6. Follow directions for use on this label to establish an effective active bromine residual of between 2 and 3 ppm. Test water frequently using a reliable bromine test kit. Adjust the flow rate through the brominator if necessary, to maintain the active bromine residual. The following dosages are provided as a general rule of thumb. Automatic and floating brominators have use instructions peculiar to their design. Frequently a brominator must be filled to capacity every week – while the adjustments allow the user to erode only the total amount of the product necessary for proper sanitation. As suggested below, the slow dissolving nature of the chemical combined with the design features of the brominator requires that a greater amount of chemical be exposed to the water.

**RESIDENTIAL:** Add 17-18 tablets per 10,000 gallons every 5-7 days or as needed to maintain a bromine residual of 2-3 ppm at all times. Apply weekly dose through the use of a floating tablet feeder such as an automatic brominator which will allow you to adjust the amount of bromine entering the water. To maintain bromine residual, adjust the brominator feed rate to assure a constant treatment level of 2-3 ppm in residential pools.

**COMMERCIAL:** Add 31-32 tablets per 10,000 gallons every 5-7 days or as needed to maintain an active bromine residual of between 3 and 5 ppm at all times. To maintain bromine residual, adjust the brominator feed rate to assure a constant treatment level of 3-5 ppm in commercial pools.

Reentry into treated swimming pools is prohibited above levels of 8 ppm bromine due to risk of bodily injury.

**HOW TO CALCULATE POOL CAPACITY**

SHAPE OF POOL	GAL. OF WATER (Dimentions in feet)
Rectangular	Average depth X average length X average width X 7.5
Circular	Diameter X diameter X average depth X 5.9
Oval with straight sides	Full width X full length X average depth X 6.7
Irregular	Consult pool builder

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

AUG 30, 2004

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act a  
product is registered for the pesticide,  
registered under EPA Reg. No.

{Directions to be used for spa and hot tub sanitization}

**FOR SPA AND HOT TUB SANITIZATION**

When used as directed, this product is effective as a spa and hot tub sanitizer and disinfectant.

8622-70

The dosage necessary for your spa will change considerably depending upon those factors that burden the disinfection system. Some of the factors that will vary the required dosages are water temperature, bather load, exposure to windblown debris, thunder or rainstorms and length of filtration cycle.

**SPAS:** Ensure all spa equipment is working properly. Clean cartridge filter or backwash sand or DE filter following manufacturer's directions. Adjust pH to between 7.2-7.6. Before initially using this product

5/5

in your spa or hot tub you will need to add 1/2 oz of sodium bromide for each 100 gallons of water. The same treatment should be followed each time you drain and refill your spa or hot tub with fresh water. Introduce 3 tablets per 300 gallons of spa water with the use of a floating tablet feeder or automatic brominator installed on the spa equipment. Adjust tablet feeder of brominator to obtain an active bromine residual of at least 2 ppm. Maintain spa by adding 3 tablets per 300 gallons every 5-7 days or as needed to maintain an active bromine residual between 2-4 ppm in residential spas and 4-6 ppm in commercial spas at all times.

Spa water has a tendency to foam and cloud that is directly proportional to the amount of use it receives. This is due to the accumulation of body fats and oils and contaminants too small for the filtration equipment to remove, and to rapid escalation of total dissolved solids in the water. To a great extent, defoamer, clarifier, shock treatments, and demineralizers or sequestering agents can be used to clear the water.

The pump and filter should be operated for at least three hours every day whether spa is used or not. Do not heat water above spa manufacturer's recommended maximum temperature. Keep the spa free of leaves and other debris. To maintain clear, clean water and insure performance of your spa chemicals, spas should be drained and refilled with fresh water every 60 days in residential spas and a minimum of every 7 days in commercial spas.

Reentry into treated spas is prohibited above levels of 8 ppm bromine due to risk of bodily injury.

**DO NOT SHIP WITH FOODS, FEEDS, DRUGS, OR CLOTHING.**

### STORAGE AND DISPOSAL

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

**STORAGE:** Store in a dark, cool (below 86°F (30°C)), dry, well-ventilated area, in well closed original containers, 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 the nearest 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 by incineration 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 reseal 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 HALOBROM. Hazardous reactions may occur.

**DO NOT SMOKE, DRINK, OR EAT WHEN HANDLING.**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

AUG 30, 2004

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

8622-70

Manufactured for:

AmeriBrom Inc.  
2115 Linwood Ave.  
Fort Lee, NJ 07024

EPA Reg. No 8622-TN  
EPA Est. No. 69470-WV-2

IN CASE OF TRANSPORTATION EMERGENCIES, CALL CHEMTREC AT 1-800-424-9300.