

8622-70

8/7/2013

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460**

**OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION**

AUG 7 2013

Levi Howell
Regulatory Affairs Specialist
ICL-IP America, Inc.
95 MacCorkle Avenue S. W.
South Charleston, WV 25303


Subject: **HALOBROM BCDMH 96%**
EPA Registration Number: 8622-70
Application Date: May 3, 2013
EPA Receipt Date: May 7, 2013

Dear Mr. Howell:

The following label amendment, submitted in connection with registration under section of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

An electronic stamped copy is enclosed for your record. Should you have any questions or comments concerning this letter, please contact me via email at: fuller.demson@epa.gov or by telephone at (703) 308-6224 during the hours of 9:00 am to 5:30 pm EST.

Sincerely,


Demson Fuller
Acting Product Manager (32)
Regulatory Management Branch II
Antimicrobials Division (7510P)

Enclosure: Stamped label

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

Halobrom BCDMH 96%

{Optional Marketing Statements that may be used with swimming pool and spa and hot tub sanitization.}

[For Pools and Spas.]

[Sanitizer.]

[Disinfectant.]

[Bactericide.]

[1" Tablets for Use in Bromine Feeders.]

[Each tablet weighs approximately 20 grams.]

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

[For Spas and Hot Tubs.]

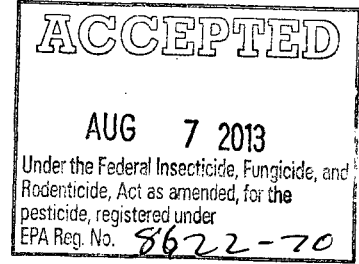
[Sanitizer.]

[Disinfectant.]

[For low-odor sanitization.]

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

[Each tablet weighs approximately 6 grams.]



ACTIVE INGREDIENT:

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

OTHER INGREDIENTS:4%

TOTAL:100%

**Provides: 60% Available Bromine
26% Available Chlorine**

KEEP OUT OF REACH OF CHILDREN

DANGER

CORROSIVE AND STRONG OXIDIZER

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • 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 inhaled	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass 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.
<p>Have the product container or label with you when calling a poison control center, doctor or when going for treatment.</p> <p>YOU MAY ALSO CONTACT [1-800-420-9236] FOR EMERGENCY MEDICAL TREATMENT INFORMATION.</p>	
<p>NOTE TO PHYSICIAN</p> <p>Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

See [back] [side] panel[s] for additional precautionary statements [and first aid].

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER

CORROSIVE.

CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS.

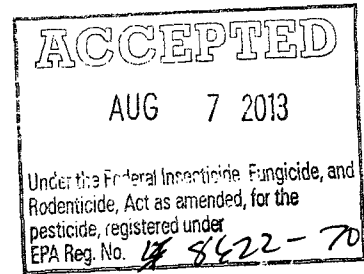
EYE CONTACT MAY CAUSE LOSS OF VISION.

MAY BE FATAL IF INHALED.

IRRITATING TO NOSE AND THROAT.

HARMFUL IF ABSORBED THROUGH SKIN OR SWALLOWED.

DO NOT SMOKE, DRINK, OR EAT WHEN HANDLING.



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. When loading or handling wear protective eyewear (goggles with side-shields, face shield, or safety glasses), wear long-sleeved shirt, long pants, socks, shoes and chemical-resistant 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 and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

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.

ENVIRONMENTAL HAZARDS

{For end-use products packaged in containers with sizes less than 50 pounds.}

[This product is toxic to fish and aquatic organisms.]

{For end-use products packaged in containers with sizes greater than or equal to 50 pounds.}

[This product is toxic to fish and aquatic organisms. 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 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 sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.]

PHYSICAL OR CHEMICAL 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, well-ventilated area. Flood with large volumes of water.

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.

{Directions to be used for swimming pool sanitization.}

[FOR SWIMMING POOL SANITIZATION

Keep pH between 7.2 and 7.6 and never allow it to fall below 7.0. When used as directed, this product is effective as a swimming pool water sanitizer and disinfectant. 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.]

[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.]

[HOW TO CALCULATE POOL CAPACITY

SHAPE OF POOL	GAL. OF WATER (Dimensions 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]

{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. 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 & HOT TUBS: 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 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 must 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 in direct proportion 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 must 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 ensure performance of spa chemicals, spas must be drained and refilled with fresh water every 60 days in residential spas and a minimum of every 7 days in commercial spas.]

STORAGE AND DISPOSAL

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

PESTICIDE 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 HANDLING

{Nonrefillable container – household/residential use; size: 50 pounds or less.}

[Nonrefillable container. Do not reuse or refill this container. Rinse empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling, if available.]

{Nonrefillable container – single-use, non-resealable package; size: 50 pounds or more, less than 50 pounds.}

[Nonrefillable container. Do not reuse or refill this container. Rinse and discard empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling, if available.]

{Nonrefillable container – Dry Granulated Product – single-use, non-resealable package; size: 50 pounds or more, less than 50 pounds.}

[Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. If not emptied in this manner, the bag may be considered an acute hazardous waste and must be disposed of in accordance to local, state and federal regulations. When completely empty, offer for recycling, if available.]

{Nonrefillable container – Fiber Drums with Liners; size: 50 pounds or more.}

[Nonrefillable container. Do not reuse or refill this container. Completely empty liner into application equipment by shaking and tapping sides and bottom to loosen clinging particles. If not emptied in this manner, the bag may be considered an acute hazardous waste and must be disposed of in accordance to local, state and federal regulations. When completely empty, offer for recycling, if available.]

{Nonrefillable container- non-household/residential use; size: 50 pounds or less, 50 pounds or more.}

[Nonrefillable container. Do not reuse or refill this container. Rinse empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling, if available.]

SPILLS

When handling or dealing with spills, use goggles with side-shields, or face shield, protective clothing, including chemical-resistant gloves and boots; use a dust respirator if dusting occurs. Sweep up dry spills and dispose of as described for pesticide disposal. If contents are contaminated or decomposing, do not reuse container. Isolate unsealed container 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 this product. Hazardous reactions may occur.

[WARRANTY

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when use in accordance with label directions under normal conditions of use, but to the extent consistent with applicable law, neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such use.]

Produced for:

ICL-IP America, Inc.
95 MacCorkle Avenue SW
South Charleston, WV 25303
{for DOMESTIC labels only:}[Tel: 1-(800) 811-2327]
{for INTERNATIONAL labels only:}[Tel: 1-(304) 746-3000]

EPA Reg. No. 8622-70
EPA Est. No. _____
[Material][Label] No. _____
NET CONTENTS: _____ [lbs.][kg.]
[Batch][Label] No. _____

