

1 of 2 pms
J 622-37

HALOBROM

SLOW DISSOLVING BROMINATING TABLETS FOR POOL & SPA

BACTERICIDE-ALGAEICIDE-DISINFECTANT NO CHLORINE ODOR

ACTIVE INGREDIENTS:
1-Bromo-3-chloro-5, 5-dimethylhydantoin 95%
INERT: 5%
Provides: 63% Available Bromine
31% Available Chlorine

NOT REVIEWED

In Accordance with PR Notice 82-2, **KEEP OUT OF REACH OF CHILDREN**
Based on Draft Labeling Dated 4/11/87 **DANGER**

**SEE ADDITIONAL PRECAUTIONS ON SIDE PANEL
BEFORE OPENING CONTAINER**

NET WEIGHT 25 LBS.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

Irritant to eyes. Causes severe burns of eyes. Eye contact may cause loss of vision. Irritating to skin. May burn the skin. May be fatal if swallowed. Do not breathe dust. Do not get in eyes, on clothing. Impact-resistant goggles with side-shields or face shield and rubber or plastic gloves to be worn when handling. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARD

Product is toxic to fish. Apply this product only as specified on this label. Do not contaminate equipment or disposal of wastes.

Do not discharge into lakes, streams, ponds, or public waters unless in accordance with a permit. For guidance, contact your regional office of the EPA.

Wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or empty container is prohibited. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Operations and Emergency Response (HWEP) Division at the nearest EPA Regional Office for guidance.

FLAMMABLE AND CHEMICAL HAZARDS STRONG OXIDIZING AGENT: Mix only with clean dry materials. Do not add this product to any dispensing device containing remnants of other chemicals. Contamination with moisture, organic matter, or other chemicals may start a reaction with generation of heat, liberation of toxic gases, and possible generation of fire.

PRACTICAL TREATMENT: (FIRST AID)

Flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.

Wash immediately with soap and plenty of water. Remove and wash contaminated clothing before reuse.

Only after giving raw egg whites or milk and two glasses of water induce vomiting by going down throat, if needed. Repeat giving egg whites or milk and glasses of water until full. Call a physician. Never give anything by mouth to an unconscious person. Remove person to fresh air immediately. Get medical attention at once.

Inhalation: Dilution of an ingested corrosive is a safer first aid treatment than emesis.

SPECIAL PRECAUTIONS

PLEASE READ BEFORE OPENING CONTAINER

Warning of Physical Injury:

Dust emits a powerful bromine gas. Do not open container indoors.

Hold away from face when opening to avoid breathing fumes.

Dust is dangerous when not used properly.

USE MAY RESULT IN SERIOUS PERSONAL INJURY REQUIRING HOSPITALIZATION

RELATED COMPLICATIONS MAY LEAD TO DEATH

Do not mix with any other chemicals.

Other chemicals may cause a violent and instantaneous chemical reaction.

Do not add water to this product.

Do not add this product to water in a pool.

Do not take advice from others.

Do not experiment.

Follow label instructions exactly.

Warning of Property Damage:

When this product in its undissolved state and vinyl liners, painted surfaces or other

or around the pool will result in permanent bleaching of the color.

Manufactured by ALDEN LEEDS, INC.
55 Jacobus Ave., Sa. Kearny, N.J. 07032

DIRECTIONS FOR USE

Do not use this product in a manner inconsistent with its labeling.

Halobrom is a safe and effective slow dissolving bactericide, algicide, and disinfectant that unlike other commonly used chemicals performs well over a broad pH range. Use the dosages recommended below as a guide in determining the proper amount of Halobrom necessary to keep your pool or spa sparkling clean and inviting. The dosage necessary for your pool or spa will change continuously depending upon these 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 rain storms and length of filtration cycle.

• **SWIMMING POOLS:** In newly filled pools to establish an initial bromine residual, shock the pool using Halobrom Brominating Shock treatment. Follow directions for use on the label of that product. This is to establish an effective active bromine residual of between 2 and 3 ppm. Test water frequently using a reliable Bromine Test kit. Repeat dosings if required until residual is established.

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 Halobrom necessary for proper sanitation as suggested below, the slow dissolving nature of the chemical combined with the design features of the brominator require that a great amount of chemical be exposed to the water.

RESIDENTIAL: Add 5 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 floating tablet feeder such as the Multi-Chlor or an automatic brominator which will allow you to adjust the amount of bromine entering the water.

COMMERCIAL: Add 9 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.

SPAS AND HOT TUBS: Introduce 1 tablet 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 or brominator to obtain an active bromine residual of at least 2 ppm. Maintain spa by adding 1 tablet per 300 gallons every 5-7 days or as needed to maintain an active bromine residual of 2 ppm 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 the rapid exsolution 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. When this becomes impossible, draining, cleaning, and refilling the spa will be the most satisfactory way of solving this problem.

STORAGE AND DISPOSAL

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

STORAGE: Store in cool, dry, well-ventilated area, in well-closed original containers, away from energy sources, combustible organic materials, oxidizers, strong bases, and moisture.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Place in trash collection or dispose in approved landfill area.

SPILLS: Sweep up dry spills and dispose of as described for pesticide disposal. If container contents are contaminated or decomposing, do not reuse container; isolate unsealed container in the open or a well-ventilated area; flood with large volumes of water if necessary.

Pool Gallon Calculator (all dimensions in feet)
Square or Rectangular Length x Width x Average Depth x 7.5 = Gallons
Round or Oval Length x Width x Average Depth x 5.9 = Gallons
Each 2" diameter tablet weighs 3 ounces (85 grams)

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instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.
PHYSICAL AND CHEMICAL HAZARDS STRONG OXIDIZING AGENT: Mix only with water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Contamination with moisture, organic matter, or other chemicals may start a chemical reaction with generation of heat, liberation of toxic gases, and possible generation of fire and explosion.

PRACTICAL TREATMENT: (FIRST AID)

If in eyes: Flush eyes immediately with plenty of water at least 15 minutes and get medical attention at once.

If on skin: Wash immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use.

If swallowed: Only after giving raw egg whites or milk and two glasses of water induce vomiting by sticking finger down throat, if needed. Repeat giving egg whites or milk and glasses of water until vomit is clear. Call a physician. Never give anything by mouth to an unconscious person.

If inhaled: Remove person to fresh air immediately. Get medical attention at once.
Note to physician: Dilution of an ingested corrosive is a safer first aid treatment than emesis.

SPECIAL PRECAUTIONS

PLEASE READ BEFORE OPENING CONTAINER

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) This product is dangerous when not used properly.

MISUSE MAY RESULT IN SERIOUS PERSONAL INJURY REQUIRING HOSPITALIZATION

RELATED COMPLICATIONS MAY LEAD TO DEATH

- Do not mix with any other chemicals.

Mixing with other chemicals may cause a violent and instantaneous chemical reaction.

- Do not add water to this product.

- Do not add this product to water in a pool.

- Do not take advice from others.

- Do not experiment.

- Follow label instructions exactly.

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.

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ACTIVE ING
1-Bromo
INERT: . . .
Provides

NOT REVIEWED

In Accordance with PR Notice 82-2, KEEP
Based on Draft Labeling Dated 6/11/8

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