



LICENSED

PERIOD 2015-2017 LIC. NO.

8349.32

1" BROMINATING TABLETS



Department of Agriculture
STATE OF HAWAII

Bactericide • Algacide • Disinfectant

LICENSED

Active Ingredient:

Bromochloro-5, 5-dimethylhydantoin 98.0%

Other Ingredients: 2.0%

Total: 100.0%

**Provides 64.9% Available Bromine and
29% Available Chlorine**

PERIOD 2012-2014 LIC. NO.

**KEEP OUT OF REACH
OF CHILDREN
DANGER**

Net Wt.

4 lbs.

SEE BACK PANEL FOR FIRST AID AND
ADDITIONAL PRECAUTIONARY STATEMENTS

CORROSIVE AND STRONG OXIDIZER

FIRST AID

IF IN EYES	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 ON SKIN OR CLOTHING	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 INHALED	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 SWALLOWED	Call 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 do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**YOU MAY ALSO CONTACT 1-800-420-9236
FOR EMERGENCY MEDICAL TREATMENT INFORMATION.**

NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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. Keep container tightly closed when not in use. Use with adequate ventilation. Wash thoroughly after handling. Do not ship with foods, feeds, drugs, or clothing. Do not smoke, drink, or eat when handling this product. 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.

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 explosion. Do not add to dispensers or other equipment that is not dry and clean of any chemical residues. Does not burn, but will decompose from about 320°F (160°C) releasing toxic gases. Do not break or crush tablets and avoid exposure to dust.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic organisms.

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.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Keep this product dry in the tightly closed, original container when not in use. Store in dark, cool (below 86°F/30°C), dry, well ventilated area. Keep this product away from energy sources, combustible organic materials, oxidizers, strong bases, and moisture. **CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. **SPILLS:** When handling or dealing with spills, use impact-resistant goggles with sideshields, 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 Brominating Tabs. Hazardous reactions may occur.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. **Keep pH between 7.2 and 7.6 and never allow it to fall below 7.0.** The treatment necessary for your pool or spa will change considerably depending upon those factors that burden the disinfection system. Some of the factors that will vary the required treatment are water temperature, bather load, exposure to windblown debris, thunder or rain storms and length of filtration cycle.

SWIMMING POOLS: In newly filled pools, shock the pool if necessary. 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 treatments are provided as general recommendations. 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 Nava 1" Brominating Tablets 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 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 a weekly treatment through the use of a 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 31 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.

HOW TO CALCULATE POOL CAPACITY

SHAPE OF POOL

Rectangular:

Circular:

Oval with straight sides:

Irregular:

GAL. OF WATER (Dimensions in feet)

Average depth x average length x average width x 7.5

Diameter x diameter x average depth x 5.9

Full width x full length x average depth x 6.7

Consult pool builder

EPA Reg. No. 8622-41-75217

EPA Est. No. 69470-WV-2

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