

ACCEPTED  
JUL 16 1997  
for the Federal Insecticide, Fungicide, and  
Herbicide Act as amended, for the  
herbicide, registered under  
EPA Reg. No. 66397-1

PM-32  
Reg # 66397-1  
7/16/97

**AquaBasics**<sup>TM</sup>

# Brominating Tablets

FOR POOLS AND SPAS

KEEP OUT OF REACH OF CHILDREN  
**DANGER**  
STATEMENT OF PRACTICAL TREATMENT

ACTIVE INGREDIENTS:  
1-Bromo-3-chloro-5, 5-dimethylhydantoin..... 86.4%  
1-3dibromo-5, 5-dimethylhydantoin..... 8.6%  
INERT INGREDIENTS:..... 5.0%  
Provides: 66.8% Available Bromine 100.0%  
25.4% Available Chlorine

For eye contact, flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. If physician is not available, flush for additional 15 minutes. Get immediate medical attention.  
For skin contact, immediately wipe away excess material with a dry cloth while removing contaminated clothing and shoes. Under a safety shower, wash affected areas thoroughly with large amounts of water, and soap if available, for at least 15 minutes. Get immediate medical attention. Discard or decontaminate clothing and shoes. If inhaled, remove from area to fresh air. If not breathing, clear airway and start mouth-to-mouth artificial respiration or use a bag-mask respirator. Get immediate medical attention. If victim is having trouble breathing, transport to medical care and, if available, give supplemental oxygen.  
If swallowed, immediately give several glasses of water. DO NOT induce vomiting. If vomiting occurs, give fluids again. Have physician determine if patient's condition allows induction of vomiting or evacuation of stomach. Do not give anything by mouth to an unconscious or convulsing person. Get immediate medical attention.  
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.  
SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS



NET CONTENTS: 50 LBS. (22.5 kg.)

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**PRECAUTIONARY STATEMENTS -  
DANGERS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

**HARMFUL IF SWALLOWED. HIGHLY CORROSIVE. DO NOT TAKE INTERNALLY.** Causes eye and skin damage. Irritating to nose and throat. Avoid breathing dust. Use with adequate ventilation. Do not get into eyes, on skin or clothing. Wear rubber gloves, chemical goggles and face shield when handling. Wash thoroughly after handling. Immediately remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and aquatic organisms. 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.

**PHYSICAL AND CHEMICAL HAZARDS**

**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. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter, or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases and possible generation of 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 with large volumes of water, if necessary.

**STORAGE AND DISPOSAL**

**STORAGE:** Keep container tightly closed. Store in a dry place. Do not store at elevated temperatures.

**DISPOSAL:** Do not contaminate water, food or feed by storage disposal. Pesticide wastes are acutely hazardous and/or toxic. 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 the label instructions, contact your state pesticide or environmental control agent or the hazardous waste representative at the nearest EPA regional office for guidance.

**METAL AND PLASTIC CONTAINERS:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate or burn if allowed by State and local authority. If burned, stay out of smoke.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**RECIRCULATING  
COOLING WATER SYSTEMS**

This product aids in the control of bacterial, fungal and algal slimes in recirculating cooling water systems servicing heat exchangers, evaporative condensers and other equipment requiring cooling. It is also effective in controlling various micro biological growth formations in influent systems such as lagoons or flow-through filter systems, industrial wet scrubber systems, air washers equipped with mist eliminators, and brewery pasteurizers. This product may be added to the systems either continuously or intermittently or as needed. The frequency of feeding and duration of the treatment will depend upon the severity of the problem. Badly fouled systems must be cleaned before treatment is begun.

**FOR CONTROL OF BACTERIA AND FUNGI  
INTERMITTENT OR SLUG METHOD**

**INITIAL DOSE.** When the system is noticeably fouled add 0.1 to 1.0 lbs. to 1000 gallons of the water in the system. Repeat until control is achieved.

**SUBSEQUENT DOSE.** When microbial control is evident add 0.1 to 0.75 pounds to 1000 gals. of water in the system every 3 days or as needed to maintain control.

**CONTINUOUS FEED METHOD**

**INITIAL DOSE.** When a system is noticeably fouled, add 0.1 to 1.0 pound to 1000 gals. of water in the system.

**SUBSEQUENT DOSE.** Continuously feed at the rate of 0.1 to 0.75 pounds to 1000 gals. of system water.

**FOR CONTROL OF ALGAE  
INTERMITTENT OR SLUG METHOD**

**INITIAL DOSE.** When the system is noticeably fouled add 0.1 to 1.0 pound per 1000 gallons of water in the system. Repeat until control is achieved.

**SUBSEQUENT DOSE.** When algae control is evident add 0.1 to 0.75 pound to 1000 gallons daily or as needed to maintain control.

**CONTINUOUS FEED METHOD**

**INITIAL DOSE.** When the system is noticeably fouled add 0.1 to 1.0 pound to 1000 gallons of water in the system.

Repeat until control is achieved

**SUBSEQUENT DOSE.** Continuously feed at a rate of 0.1 to 0.75 pounds per day per 1000 gallons of system water.

**DISINFECTING SPAS AND HOT TUBS**

**NOTE:** Before using this product in your spa or hot tub for the first time, add 1/2 ounce of sodium bromide per 100 gallons of water to establish a 30 ppm bromide reserve. Also, add sodium bromide whenever the spa or hot tub is drained and refilled. The bromide reserve is needed to keep the system completely bromine based, to eliminate chlorinous odors and to assure maximum water comfort to skin and eyes in spas or hot tubs on this product's treatment system.

To start up a new spa, or one recently drained clean all surfaces, backflush or clean the filter, chemically balance the calcium hardness and total alkalinity, treat for iron, copper and manganese, if present and adjust the pH to 7.4 - 7.6, prior to initiating treatment with this product.

Add Sodium Bromide as described above. Place this product in a suitable feeder. Adjust the feeder according to the manufacturers directions to maintain an active bromine level of 2-4 ppm in residential spas and 3-6 ppm in commercial spas. Use a reliable test kit for free bromine measurements.

**Superoxidation:** Water soluble, non-filterable wastes can accumulate in spa or hot tub water and cause dull or cloudy water and can stimulate algal growth. Superoxidation or superchlorination with a suitable oxidizing shock treatment should be done on a regular basis to remove these wastes and maintain clear, sparkling water. Suitable oxidizing agents are those based on calcium hypochlorite, lithium hypochlorite, sodium hypochlorite or potassium peroxydopersulfate.

**DANGER:** Do not mix this product in concentrated form with any other chemicals. Do not add other chemicals to the feeding device when using this product. A violent reaction leading to fire and/or explosion could result.

**DISINFECTING SWIMMING POOLS**

To start up a new pool, open a pool for the season or convert from a chlorine based program, backflush or clean the filter, chemically balance the calcium hardness and alkalinity and adjust pH to 7.2-7.6. Superoxidize to obtain a residual of 10-20 ppm available bromine (5-10 ppm available chlorine) as determined by a suitable test kit. Swimming may begin when the bromine level drops below 6 ppm.

When the bromine level drops below 1-3 ppm, add 0.2-2.0 ounces of this product per 1000 gallons daily or as needed to maintain 1-3 ppm available bromine. High temperatures, the presence of debris, increased bather use and other factors may require more frequent treatments. Add this product to a suitable feeding device, adjusting the feeder in accordance with the manufacturer's instructions so as to maintain 1-3 ppm levels of available bromine. The pH of the water must be maintained between 7.2 and 7.6.

**Superoxidation:** Water soluble, non-filterable wastes can accumulate in pool water and cause dull or cloudy water and can stimulate algal growth. Superoxidation or superchlorination with a suitable oxidizing shock treatment should be done weekly or bi-weekly, after extremely heavy bather loads or heavy rain storms. Suitable oxidizing agents are those based on calcium hypochlorite, lithium hypochlorite, sodium hypochlorite or potassium peroxydopersulfate.

Each tablet weighs about .8 oz. (23 grams)

E.P.A. REG. NO. 66397-1  
E.P.A. EST. NO. 66397-OK-1

Manufactured by:  
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