

HALOGENE-BROMINATING GRANULES

A MICROBIOCIDAL BACTERICIDE AND ALGICIDE

1. FOR CONTROLLING BACTERIA AND ALGAE IN SPA WATER (spas & hot tubs)
2. FOR CONTROLLING BACTERIA AND ALGAE IN SWIMMING POOL WATER

DOMESTIC

GUARANTEE:

Available bromine present as 1-bromo-3-chloro-5,5-dimethylhydantoin
and related hydantoins 65%

Available chlorine present as 1-bromo-3-chloro-5,5-dimethylhydantoin
and related hydantoins 28.95%

REG. NO. 29816 PEST CONTROL PRODUCTS ACT

KEEP OUT OF THE REACH OF CHILDREN

WARNING



POISON

CORROSIVE

DANGER - CORROSIVE TO EYES AND SKIN
POTENTIAL SKIN SENSITIZER

READ THE LABEL BEFORE USING

NET CONTENTS



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HALOGENE BROMINATING GRANULES, when used as directed, are effective as a spa water sanitizer and as a swimming pool water sanitizer.

WARNING: Direct granule contact may cause bleaching of vinyl, synthetic or painted spa and pool surfaces. Automatic feeding devices employing these granules must be totally free from traces of other spa and pool sanitizers to avoid the probability of an explosion.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. Dangerous gas formed when mixed with acid. Do not mix with any other chemical. Strong oxidizing agent. May cause fire or explosion if contaminated. Corrosive to the eye and skin. Causes eye damage and skin burns. Potential skin sensitizer. Skin exposure to dust may cause allergic skin reaction in some individuals. Dust may be harmful or fatal if inhaled. Harmful or fatal if swallowed. Do not get in eyes, skin or clothing. Do not swallow. Do not breathe dust. Keep container closed and store in a cool, dry location. It is recommended to wear rubber gloves and goggles when handling the product.

DISPOSAL: Do not re-use empty container. Rinse container thoroughly before discarding. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

FIRST AID:

IF SWALLOWED: Call a poison control centre 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 a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre 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 centre or doctor for further treatment advice.

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 centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Probable mucosal damage may contraindicate the use of gastric lavage. Treat symptomatically. This product is corrosive to skin and eyes and may produce a sensitization response or allergic reaction in some individuals.

DIRECTIONS FOR USE:

NOTE: Check expiry date of the test kit as test results may be inaccurate if used after that date.

FOR SPAS AND HOT TUBS:

1) Maintain recommended daily levels as determined by testing kit.

Free available bromine: 3.0 - 5.0 ppm.

pH: 7.2 - 7.8.

Total Alkalinity: 100 - 150 ppm.

Calcium Hardness: 100 - 200 ppm.

2) If using an automatic feeding device, fill the chamber(s) with granules and adjust flow rate, according to manufacturer's recommendations, to maintain proper bromine residual. Adding granules to the spa's skimmer basket is an alternative bromine feed method. Daily usage should approximate 5 g Halogene Brominating Granules per 1,000 L of spa water. **NOTE:** Heavy spa usage and higher temperatures may require higher usage rates to maintain proper bromine residuals.

3) Periodic superchlorination of spa water is recommended. Follow label instructions of superchlorination product being employed. **NOTE:** Persistent foam formation, turbid, or malodorous water are indicators of inadequate sanitizer levels. To correct such conditions, superchlorinate spa water by adding superchlorination product. Maintain circulation at least 30 minutes and wait 4 hours before using. For proper sanitation, spa must be completely drained periodically. The number of days between COMPLETE SPA DRAINAGE is equal to the volume of spa water in litres, divided by 10 times the maximum number of daily spa users. Refill the spa with water and repeat DIRECTIONS FOR USE. Maximum spa water usage temperature is 40°C. Duration in spa water at 40°C should not exceed 15 minutes.

FOR SWIMMING POOLS:

NOTE: Check expiry date of the test kit as test results may be inaccurate if used after that date. In newly filled pools, shock the pool if necessary with a non-chlorine shock.

1. Maintain recommended daily levels as determined by testing kits.

Total Bromine Residue: 1.0 - 3.0 ppm

pH: 7.2 - 7.8

Total Alkalinity: 100 -150 ppm

Calcium Hardness: 200 - 300 ppm

2. If using in automatic feeding device, fill the chamber(s) with granules and adjust flow rate, according to manufacturer's recommendations, to maintain proper bromine residual. Adding Brominating granules to the pool's skimmer basket is an alternative method. Daily usage should approximate 25 g of Halogene Brominating Granules per 10,000 L of pool water to maintain a bromine residual of 1.0 - 3.0 ppm. **NOTE:** Hot weather, heavy pool usage, and rain may require higher usage rates to maintain proper bromine residuals.

3. Periodic superchlorination of pool water is recommended. Follow label instructions of superchlorination product being employed.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge into lakes, streams, ponds, or public waters.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes risk to persons or property that arises from any such use of this product.

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