

53735-10

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JUL 23 2003

Ms. Laura Larson  
King Technology, Inc.  
530 11<sup>th</sup> Avenue South  
Hopkins, MN 55343

Subject: Spa Bromine Disinfectant  
EPA Registration Number 53735-10  
Application Date: May 13, 2003  
Receipt Date: May 16, 2003

Dear Ms. Larson:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the condition listed below:

- To add an additional use and revise the use directions for free floating sanitizer.

**Condition**

- Place the "First Aid" Statement on the front panel of the label.

**General Comments**

A stamped copy of the accepted labeling is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Delores Williams at (703) 308-6372.

Sincerely,

for Robert S. Brennis  
Product Manager 32  
Regulatory Management Branch II  
Antimicrobials Division (7510C)

**CONCURRENCES**

SYMBOL								
SURNAME								
DATE								

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**SPA BROMINE DISINFECTANT  
Prefilled Bromine Spa Sanitizer**

Active Ingredient:

1-Bromo-3-Chloro-5, 5-Dimethylhydantoin.....96.0%  
Other Ingredients:..... 4.0%  
Total: .....100.0%

**Keep Out of Reach of Children**

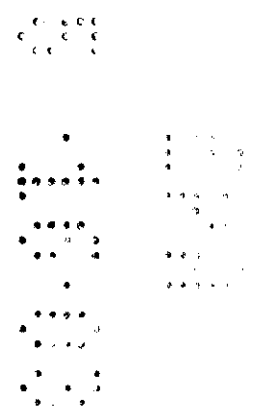
**DANGER**

**SEE FIRST AID AND PRECAUTIONARY  
STATEMENTS ON BACK PANELS**

EPA Reg. No.: 53735-10  
EPA Est. No.: 71209-AZ-001  
Manufactured By: King Technology, Inc.  
530 11<sup>th</sup> Avenue South  
Hopkins, MN 55343  
Net Wt.: 150 grams

**ACCEPTED  
with COMMENTS  
EPA Letter Dated:  
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Under the Federal Insecticide,  
Fungicide and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.  
**53735-10**



**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 advise. 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. Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

**IN CASE OF MEDICAL EMERGENCY CALL 1-800-424-9300.**

**(Product Description: Canister)** When used as directed SPA BROMINE DISINFECTANT is effective as a residential spa and hot tub water sanitizer and disinfectant.

**Directions For Use: (Canister)**

It is a violation of federal law to use this product in a manner inconsistent with it's labeling. Read entire label to use strictly in accordance with precautionary statements and directions.

Ensure all spa equipment is working properly. Clean filter following manufacturer's directions. Adjust pH between 7.2 – 7.6 and total alkalinity to 60 – 120. When using other products as outlined in directions for this product, always follow directions on those products.

Place this product in spa and let it float freely in spa or hot tub. Under normal use conditions, use one dispenser per 350 gallons of spa or hot tub water. However, under heavy bather loading or reduced water circulation, additional dispensers may be used to maintain constant active bromine residuals of 2-4 ppm in residential spas or hot tubs. To increase the bromine residual, turn the rotating cap to a higher number located in the flow indicator window. To decrease the bromine residual, turn the rotating cap to a lower number in the flow indicator window.

To a freshly filled spa or hot tub, begin with an indicator setting of # 5. Check bromine residuals frequently. When 2-4 ppm bromine residual is obtained, lower the indicator setting to maintain constant recommended bromine residuals.

The pump and filter should be operated for at least three hours a day. Do not heat water above 102 ° F. Keep the spa free of leaves and debris. Residential spas and hot tubs should be drained, cleaned and refilled with fresh water every 90-120 days.

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**(Product Description: Cartridge)** Use this SPA BROMINE DISINFECTANT Cartridge in either the Inline Spa System, the Floating Spa System or as a free-floating sanitizer. When the SPA BROMINE DISINFECTANT Cartridge is used as directed, spa care is easy and spa water is crystal clear and odor free.

**Directions for Use: (Cartridge)**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Read entire label to use strictly in accordance with precautionary statements and directions.

Ensure all spa equipment is working properly. The pump and filter should be operated for at least 3 hours per day. Clean filter following manufacturer's directions. Adjust pH to between 7.2 – 7.6 and total alkalinity to 60 – 120. When using other products as outlined in directions for this product, always follow directions on those products. Do not heat water above 102°. Keep the spa free of leaves and debris. Residential spas and hot tubs should be drained and filled with fresh water every 90-120 days.

**Using the Inline Spa System:** With a freshly filled spa, set the SPA BROMINE DISINFECTANT Cartridge at #3 by holding the bottom and turning the top until the number 3 appears in the setting window. To install: open cap of Inline System and turn cartridge holder counter-clockwise to unlock. Pull holder out. Snap cartridge into "Bromine Only" section. Make sure to line up indent on cartridge with raised line on holder. After cartridge is snapped in, replace holder and lock into place. Replace cap. Initially monitor bromine levels daily. Remove and adjust the cartridge setting by 1/2 increments per day until a 2-4 ppm residual is achieved. Adjusting to a higher setting will increase the bromine output while a lower setting will decrease it.

**Using the Floating Spa System:** With a freshly filled spa, set the SPA BROMINE DISINFECTANT Cartridge at #5 by holding the bottom and turning the top until the number 5 appears in the setting window. To install: push the cartridge into the bottom opening of the Floating Spa System. Set entire system in the spa water. Initially monitor bromine levels daily until a 2-4 ppm residual is achieved. Then adjust to the maintenance setting that will continuously maintain 2-4 ppm for your individual spa size and usage. Adjusting to a higher setting will increase the bromine output while a lower setting will decrease it.

**Using as a Free Floating Sanitizer:** Set cartridge as described for the Floating Spa System and allow to free float in spa.

**When Empty:** Follow disposal instructions and replace with a new SPA BROMINE DISINFECTANT Cartridge.

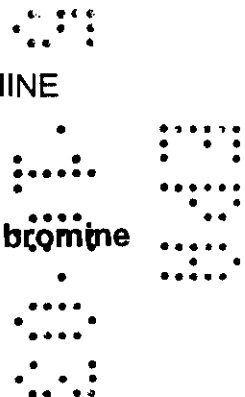
**REENTRY into treated spas is prohibited above levels of 5 ppm available bromine as measured by a suitable test kit due to risk of bodily injury.**

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**STORAGE AND DISPOSAL:** Keep this product dry in original tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat. Moisture may decompose this product and cause a violent reaction leading to fire and explosion. In case of decomposition, isolate container if possible and flood area with large amounts of water to dissolve material before discarding this container. Do not contaminate food or feed by storage and disposal.

**CONTAINER DISPOSAL:** Do not reuse container, but place in trash collection. Rinse thoroughly before discarding in trash.

**Clear Child Resistant Outer Sleeve**

**EASY DIRECTIONS: (Canister)**

- 1) Twist cap to setting #5.
- 2) Put chemical dispenser in spa water.
- 3) Test bromine residual frequently (approx. every 2 hours).
- 4) Upon achieving 2-4 ppm **REDUCE TO MAINTENANCE SETTING #1-#2** for maximum longevity.

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**TO ADJUST SETTING: (Canister)**

- 1) For ease of adjustment place in water.
- 2) Grip cap firmly in one hand.
- 3) With other hand, grip below windows firmly. (Fingers should grip only bottom of canister.)
- 4) Turn cap and outer sleeve in opposite directions.

**PRECAUTIONARY STATEMENTS:**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER:** Highly Corrosive. Causes eye and skin damage. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or safety glasses and rubber gloves when handling product. Irritating to nose and throat. Avoid breathing dust and fumes. Remove and wash contaminated clothing before reuse.

**PHYSICAL AND CHEMICAL HAZARDS: STRONG OXIDIZING AGENT:** Do not mix with other chemicals. Mix only with water. Never add water to product. Always add product to large quantities of 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 and 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 air or well ventilated area. Flood area with large volumes of water.

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

**Note:** Buyer assumes all responsibility for safety and use not in accordance with directions.

