



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

NOV 26 2002

Laura Larson
King Technology Inc.
530 11th Avenue S.
Hopkins, MN. 55343

SUBJECT: August 27, 2002 amendment
Spa Bromine Disinfectant EPA Registration 53735-10

Dear Ms. Larson:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is conditionally acceptable the following changes are made and additional material is provided.

The re-entry level must be changed from 8 ppm to "5 ppm available bromine as measured by a suitable test kit to avoid risk of bodily injury".

You must also submit Child Certification documentation. The Certification was not submitted with the amendment application although it was checked. Additionally, you might consider adding a phone number for contacting your company with questions about your product with your next amendment. For example, your label doesn't have instructions for shutting down the spas and hot tubs for periods of disuse such as winterizing.

A stamped accepted copy of your revised label is enclosed. Please submit 2 copies of your revised finished labeling for our files. If you have any questions regarding this letter, please contact Tom Luminello of my staff at (703) 308-8075.

Sincerely yours

A handwritten signature in black ink, appearing to read "R. Brennis".

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

Enclosure

**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/SIDE PANELS**

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

ACCEPTED
WITH COMMENTS
in EPA Letter Dated:
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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. Backwash filter system following manufacturer's directions. Adjust pH between 7.2 – 7.6. 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: Housing/Cartridge System) When the SPA BROMINE DISINFECTANT Cartridge is used as directed, spa care is easy and spa water is crystal clear and odor free. Use this SPA BROMINE DISINFECTANT Cartridge in either the Inline Spa Housing or the Floating Spa System.

Directions for Use: (Housing/Cartridge System)

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. Backwash filter system following manufacturer's directions. Adjust pH to between 7.2 – 7.6. 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.

Set Bromine Output: While lightly holding the center of the unit, turn the bottom counter clockwise to line up a horizontal screen with a setting number between 1 and 5. With a freshly filled spa, set the cartridge to #5 until 2-4ppm bromine residual is achieved. Then adjust the maintenance setting to continuously provide a 2-4ppm active bromine residual in the spa. Adjusting to a higher setting will increase the bromine output while a lower setting will decrease the bromine output.

Using the Inline Spa Housing: Shut off spa pump. Open cap of Spa Housing. Turn exposed handle of basket assembly counter clockwise to unlock. Pull handle up until basket holds into place. Rotate the handle until the open side of the basket is facing you. Snap the SPA BROMINE DISINFECTANT Cartridge into the area marked "Bromine" making sure that the front label of the cartridge is facing out and the top of the cartridge is above the raised line per the drawing on the basket. Once loaded, push down on the basket handle and turn clockwise to lock into place. Replace cap.

Using the Floating Spa System: Push the SPA BROMINE DISINFECTANT Cartridge into the opening on the bottom of the Floating Spa System. Set in the spa and allow to float freely.

avoid

REENTRY into treated spas is prohibited above levels of 5 ppm bromine due to risk of bodily injury.

5 available as measured by a suitable test kit

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.

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Clear Child Resistant Outer Sleeve**EASY DIRECTIONS:**

- 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.

TO ADJUST SETTING:

- 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.

ACCEPTED
W.H. COMPANY
In EPA Letter dated:

NOV 26 2002

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