

53735-10

6-12-2008

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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

June 12, 2008

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Heather R. Bjornson
Regulatory Assistant to King Technology, Inc.
c/o Technology Sciences Group, Inc.
1150 18th Street NW, Suite 100
Washington DC 20036

Subject: Spa Bromine Disinfectant
EPA Registration No. 53735-10
Application Date: May 16, 2008
Receipt Date: May 19, 2008

Dear Ms. Bjornson:

This acknowledges receipt of your notification, submitted under the provision of PR Notice 98-10, FIFRA section 3(c)9.

Proposed Notification

- Revision to Storage and Disposal Statements
- Typographical corrections

General Comments

Based on a review of the material submitted, the following comments apply:

The notification application is acceptable and a copy has been inserted in your file for future reference.

Should you have any questions or comments concerning this letter, please contact me at (703) 308-6345.

Sincerely,

Wanda Y. Henson
Product Reviewer (32)
Regulatory Management Branch II
Antimicrobials Division (7510C)

CONCURRENCES

SYMBOL	7510P	7510P					
SRNAME	ex Berg	W. Henson					
DATE	6/12/08	6/12/08					



WASHINGTON

1150 18th Street, N.W.
Suite 1000
Washington, D.C. 20036
Telephone 202 223-4392
Fax 202 872-0745

May 16, 2008

Emily Mitchell, PM 32
Antimicrobial Division
Office of Pesticide Programs
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

RE: Spa Bromine Disinfectant, EPA Reg. No. 53735-10

Notification per PR Notices 2007-4 and 98-10

SACRAMENTO

712 Fifth Street
Suite A
Davis, CA 95616
Telephone 530 757-1298
Fax 530 757-1299

Dear Ms. Mitchell:

Technology Sciences Group, on behalf of King Technology, is submitting the enclosed notification to update the container disposal statements and to make minor text revisions.

You will find the following in support of this notification:

- 1. Application form,
- 2. One redline copy of the label, and
- 3. One clean copy of the label.

Should you have any questions or comments, please do not hesitate to contact me at (202) 828-8945.

CANADA

275 Slater Street
Suite 900
Ottawa, Ontario
K1P 5H9
Telephone 613 247-6285
Fax 613 236-3754

Sincerely,

Heather R. Bjornson
Regulatory Consultant for King Technology, Inc.
Direct dial (202) 828-8945; hbjornson@tsgusa.com

{All text in brackets [xxx] is optional and may or may not be included on a final label.}
{All text in braces {xxx} is administrative and will not appear on a final label.}

[Alternate Brand Name: Spa Frog Bromine Cartridge]

{MASTER LABEL}

**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 11th Avenue South
Hopkins, MN 55343

Net Wt.: [5.3 ounces (150 grams)]
[7.1 ounces (200 grams)]

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. 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 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 – 7.8 and total alkalinity to 60 – 120 ppm. 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. Keep the spa free of leaves and debris. Residential spas and hot tubs should be drained and filled with fresh water periodically. See your spa manufacturer's directions.

Product Description: {Cartridge} Use this SPA BROMINE DISINFECTANT Cartridge in either the Inline Spa System, the Floating Spa System or as a free-floating disinfectant. 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 – 7.8 and total alkalinity to 60 – 120 ppm. When using other products as outlined in directions for this product, always follow directions on those products. [Keep the spa free of leaves and debris.]

{One of the following statements will appear on the label}
[Residential spas and hot tubs should be drained and filled with fresh water periodically. See your spa manufacturer's directions.] [To maintain clear, clean water and ensure performance of your spa or hot tub chemicals, water should be drained and spa or hot tub refilled with fresh water periodically or as per spa manufacturer's instructions.] [Residential spas and hot tubs should be drained and refilled with fresh water every 60 days or as per spa manufacturer's instructions.]

Before using Cartridge: With a freshly filled spa establish a bromine or chlorine residual of 1.0-2.0 ppm in the spa with an EPA approved spa shock or by other means by following directions of that product before using cartridge.

Using the In-line Mineral Spa System: For the first 24 hours, 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, push down 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 by lining up arrow on holder with arrow on system lip, push down and lock in place. Replace cap. When using as directed with the Spa Frog Mineral Cartridge, maintain at least a 1.0 ppm bromine level. Otherwise maintain a 2.0 – 4.0 ppm bromine level. Initially monitor daily by removing and adjusting the cartridge depending on spa size and use until desired bromine level is achieved.

Using the Floating Mineral Spa System: For the first 24 hours, 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. When

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using as directed with the Spa Frog Mineral Cartridge, maintain at least a 1.0 ppm bromine level. Otherwise maintain a 2.0 – 4.0 ppm bromine level. Initially monitor daily by removing and adjusting the cartridge depending on spa size and use until desired bromine level is achieved.

Using as a Free Floating Sanitizer: Set cartridge as described for the Floating Spa System and allow to free float in spa. When using it with a Spa Frog mineral product, maintain at least a 1.0 ppm bromine level. When using it as a stand alone disinfectant, maintain a 2.0 – 4.0 ppm bromine level.

FOR ALL USES: Adjusting to a higher setting will increase the bromine output while a lower setting will decrease it. When empty follow disposal instructions and replace with a new Spa Bromine Disinfectant Cartridge.

[Setting Window]

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.

{Optional language for 200-gram cartridge}

[For in-Line System Use Only]

[Use this Spa Bromine Disinfectant Cartridge in the In-line Spa System only.]
[DO NOT use this cartridge with the Floating Spa System.]

[Lasts Longer*]

[33% More*]

[33% More Bromine*]

[Bromine Lasts Longer*]

[33% More Bromine Lasts Longer*]

[*compared to the 150 gram Spa Bromine Disinfectant]

Product Description: {Evaporative Cooler}. When used as directed, this product effectively controls algal, bacterial and fungal slimes in evaporative coolers.

Directions for Use: {Evaporative Cooler} 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.

Shut off water to evaporative cooler. Secure new Bromine Disinfectant Cartridge to water supply line leaving the preset output window at setting #1. Make sure the water supply is attached at the top of the Bromine Disinfectant Cartridge and that both water delivery lines are attached at the base of the container. Turn water on and ensure there are no leaks.

Maintain a 1-3 ppm bromine residual for at least four hours treatment. Repeat throughout the cooling season. A new Bromine Disinfectant Cartridge should be inserted at the beginning of the cooling season and replaced when empty thereafter.

See Evaporative Cooler manufacturer's directions on adjusting amount of drainage water and water cycle times for the Evaporative Cooler.

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: Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Rinse thoroughly before recycling or discarding in trash.

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.

{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.

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.