

53735-2

07-14-2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

JUL 14 2011

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Heather R. Bjornson  
Technology Sciences Group Inc.  
1150 18<sup>th</sup> Street, NW  
Suite 1000  
Washington, DC 20036

**FILE COPY**

Subject: Sani-King P-Max VIII Cartridge  
EPA Reg. No. 53735-2  
Application Dated: June 15, 2011  
Receipt Date: June 15, 2011

Dear Ms. Bjornson:

The following notification submitted in connection with registration under the provisions of PR Notice 98-10, Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)9 is acceptable.

**Proposed Notification:**

- Alternate brand names:

<b>Frog Leap Marco Polo Pac</b>	<b>Frog Leap Torpedo Pac</b>
<b>Frog Leap MizerMax Pac</b>	<b>Frog Leap Max-C-Mizer Pac</b>
<b>Aqua Smarte Marco Polo Pac</b>	<b>Aqua Smarte Torpedo Pac</b>
<b>Aqua Smarte MizerMax Pac</b>	<b>Aqua Smarte Max-C-Mizer Pac</b>

**Comments:**

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

This application for notification to add alternate brand names, as referenced above, is acceptable. A copy has been placed in our records for future reference.

Should you have any questions concerning this letter, please contact me at [Henson.Wanda@epa.gov](mailto:Henson.Wanda@epa.gov) or call (703) 308-6345.

Sincerely,

Wanda Henson  
Acting Product Manager (32)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

{All text in brackets [xxx] 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.}

{MASTER LABEL}

# Sani-King P-Max VIII Cartridge

**NOTIFICATION**  
Date Reviewed: 7/14/2011  
Reviewed By: W. Peterson

[For use only in the P-Max System]  
[For use in the Frog Splash System]

**{Alternate Brand Names:}**

- [Aqua Smarte Bac Pac]
- [Aqua Smarte Chamber]
- [Frog Bac Pac]
- [New Water Cycler Pac]
- [Pool Frog Pac]
- [Pool Frog Bac Pac]
- [Pool Frog Chlorine Cartridge]
- [Prevail Bac Pac]
- [Prevail Pool Pack]
- [Sparco Automatic Water Treatment Chamber]

- [Sparco Bac Pac]
- [Frog Leap Marco Polo Pac]
- [Frog Leap Torpedo Pac]
- [Frog Leap MizerMax Pac]
- [Frog Leap Max-C-Mizer Pac]
- [Aqua Smarte Marco Polo Pac]
- [Aqua Smarte Torpedo Pac]
- [Aqua Smarte MizerMax Pac]
- [Aqua Smarte Max-C-Mizer Pac]

- [1-inch tablets]
- [3-inch tablets]
- [3-inch pucks]
- [Sticks]

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

SEE FIRST AID AND ADDITIONAL PRECAUTIONARY  
STATEMENTS ON BACK PANEL

**Active Ingredient:**

Trichloro-s-triazinetriene.....99%  
 Other Ingredients:..... 1%  
 Total..... 100%

Available Chlorine: 90%

Net Wt.: \_\_\_\_\_ {lbs} {oz} {grams}

EPA REG. NO: 53735-2

EPA EST. NO: [69470-WV-2]  
[82835-MI-1]

Manufactured by: **KING TECHNOLOGY, INC.**  
530 11<sup>th</sup> Avenue S., Hopkins, MN 55343 USA  
www.kingtechnology.com

**FIRST AID: 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 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 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.

{Directions to be used for pool cartridge}

**DIRECTIONS FOR USE:**

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

**PRODUCT DESCRIPTION:**

This [chamber] [pac] is part of an advanced system that uniformly feeds chlorine, efficiently kills bacteria and controls algae continuously for weeks under normal conditions in a stabilized pool. The conveniently disposable [chamber] [pac] lets you control the rate of chlorine delivery to meet changing conditions in your pool, by simply adjusting the control dial on the chlorine delivery system. You never have to touch the chlorinating tablets.

**USE DIRECTIONS:**

1. Adjust pH level to 7.2-7.8.
2. Bring Free Available Chlorine (FAC) residual to 1.0-1.5 ppm using a chlorine shock. Follow Manufacturer's Label Directions.
3. Stabilize the pool with cyanuric acid stabilizer. Follow Manufacturer's Label Directions.
4. **To install [chamber] [pac]:** Take feeder cap off. Remove [chamber] [pac] [colored caps] [cut offs]. Hold [chamber] [pac] so the open end faces down. Insert into feeder. The end of the [chamber] [pac] must align with the key located inside the feeder at the bottom. **DO NOT FORCE.** Replace feeder cap and set the control dial to the appropriate setting. For a guideline, using a 13,500 gallon pool with a pump running 8 hours per day, begin with the control dial set on #3. For a 18,000 gallon pool, start at setting #4. To achieve the proper FAC, turn the control dial to the next higher setting to increase the FAC and turn it to the next lower setting to decrease the FAC. Operate the pool for 1 day. Check the FAC residual and increase/decrease one setting per day until you achieve 1.0-1.5 ppm. Pool should not be entered until the chlorine residual is 1.0-1.5 ppm.
5. Once you have determined the proper setting for your pool, you should not have to re-adjust the setting under normal conditions. Should conditions change (i.e. weather, rain, pool user/bather load, etc.) the control dial can be easily adjusted to increase or decrease the chlorine feed.
6. Superchlorinate if needed. Do not add shock treatment to the skimmer. Turn control dial to [Setting 0 or] [Minimum] before super-chlorinating. Once desired FAC has been obtained, return the control dial to the normal operating setting.

7. Periodically check the [chamber] [pac] and replace with a new one when empty. Do not attempt to open or refill this [chamber] [pac]. **DO NOT REUSE.**

{Directions to be used with Pool Frog Mineral Reservoir EPA Reg. No. 53735-11}

**DIRECTIONS FOR USE:**

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

**PRODUCT DESCRIPTION:**

This [chamber] [pac] [pack] is part of an advanced pool care system that uses the Pool Frog Mineral Reservoir (EPA Reg. No. 53735-11) with low levels of chlorine to destroy bacteria continuously for weeks under normal conditions in a stabilized pool. The conveniently disposable [chamber] [pac] [pack] lets you control the rate of chlorine delivery to meet changing conditions in your pool, by simply adjusting the control dial on the chlorine delivery system. You never have to touch the chlorinating tablets.

**USE DIRECTIONS:**

1. Adjust pH level to 7.2-7.8.
2. Bring Free Available Chlorine (FAC) residual to 1.0 ppm using a chlorine shock. Follow Manufacturer's Label Directions.
3. Stabilize the pool with cyanuric acid stabilizer. Follow Manufacturer's Label Directions.
4. **To install [chamber] [pac] [pack]:** Take feeder cap off. Remove [chamber] [pac] [pack] [colored caps] [cut offs]. Hold [chamber] [pac] [pack] so the open end faces down. Insert into feeder. The end of the [chamber] [pac] [pack] must align with the key located inside the feeder at the bottom. **DO NOT FORCE.** Replace feeder cap and set the control dial per the size and pump run time of your pool according to the chart in the manual included with the Mineral Reservoir. Monitor chlorine level daily for the first week to determine correct dial setting. Turn the control dial to the next higher setting to increase the FAC and turn it to the next lower setting to decrease the FAC. Check the FAC residual and increase/decrease one setting per day until you achieve at least 0.5 ppm. Pool should not be entered until the chlorine residual is at least 0.5 ppm.
5. Once you have determined the proper setting for your pool, you should not have to re-adjust the setting under normal conditions. Should conditions change (i.e. weather, rain, pool use, bather load, etc.) the control dial can be easily adjusted to increase or decrease the chlorine feed.
6. Superchlorinate if needed. Do not add shock treatment to the skimmer. Turn control dial to [Setting 0 or] [Minimum] before super-chlorinating. Once desired FAC has been obtained, return the control dial to the normal operating setting.
7. Periodically check the [chamber] [pac] [pack] and replace with a new one when empty. Do not attempt to open or refill this [chamber] [pac] [pack]. **DO NOT REUSE.**

{Directions for use for floating pool cartridge to be used with Pool Frog Mineral Reservoir EPA Reg. No. 53735-11}

**Product Description:**

This cartridge is one part of the Frog Splash System that uses the Pool Frog Mineral Cartridge (EPA Reg. No. 53735-11) with 1.0 ppm of chlorine to destroy bacteria continuously for weeks under normal conditions. The conveniently disposable cartridge lets you control the rate of chlorine delivery to meet changing conditions in your pool by simply adjusting the setting. You

never have to touch the chlorinating tablets. When used as directed, pool care is easy and pool water is crystal clear.

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

**Directions For Use:**

For use in small above ground pools up to 4000 gallons. Ensure all equipment is working properly according to the pool manufacturer. For best results, balance pH to between 7.2 and 7.8.

**Setting Pool Frog Chlorine Cartridge:**

While holding the bottom of the cartridge, turn the top until the appropriate setting number is displayed. For pools 1000 gallons or less, begin on setting 1 or 2. For larger pools begin on setting 3. Initially monitor chlorine levels daily until at least 1.0 ppm is maintained. Adjusting to a higher setting will increase chlorine output while a lower setting will decrease it. NOTE: If the setting is too high, bleaching of pool liners may occur in smaller pools.

**Using the Frog Splash System:**

Push the Pool Frog Chlorine Cartridge into the bottom opening of the floating Frog Splash System. For best results, insert the Pool Frog Mineral Cartridge (EPA Reg. No. 53735-11) into the other opening. Set entire system in the pool water.

{Directions to be used for spa cartridge}

**PRODUCT DESCRIPTION:**

Use this cartridge in either the In-line Spa System, the Floating Spa System or as a free-floating sanitizer. When the cartridge is used as directed, spa care is easy and spa water is crystal clear.

**DIRECTIONS FOR USE:**

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 manufacture'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. Spa temperature recommended at 102° but not to exceed 104°. 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.

**Using the In-line Spa System:** Set the cartridge at #1 by holding the bottom and turning the top until the number 1 appears in the setting window. To install: open cap on In-Line System and turn cartridge holder counter-clockwise to unlock. Pull holder out. Snap cartridge into "lower" 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. Initially monitor chlorine levels daily until a 1.0-1.5 ppm residual is achieved. Remove and adjust cartridge to maintain a chlorine level depending on spa size and use.

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**Using the Floating Spa System:** Set the cartridge at #1 by holding ( bottom and turning the top until the number 1 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 chlorine levels daily until a 1.0 - 1.5 ppm is achieved. Then adjust to maintain a chlorine level depending on spa size and use.

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

**FOR ALL USES:** Adjusting to a higher setting will increase the chlorine output while a lower setting will decrease it. When empty follow disposal instructions and replace with a new cartridge.

**REENTRY into treated spas is prohibited above levels of 3 ppm chlorine.**

**PRECAUTIONARY STATEMENTS:**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER: CORROSIVE:** Causes irreversible eye damage and skin burns. May be fatal if absorbed through skin. May be fatal if inhaled. Do not breathe dust or spray mists. Irritating to nose and throat. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, protective clothing and rubber gloves when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

**PHYSICAL OR CHEMICAL HAZARDS: Corrosive:** Strong oxidizing agent. Do not refill empty [chamber] [pac] [pack] [cartridge]. Use only clean dry utensils. Mix only into water. Contamination with moisture, dirt, organic matter or other chemicals (including other [pool] [spa] chemicals) or any other foreign matter may start a chemical reaction with generation of heat, liberation of hazardous gases and possible fire and explosion. Avoid any contact with flaming or burning material such as a lighted cigarette. Do not use this product in any [chlorinating] [dispensing] device, which has been used with any inorganic or unstabilized chlorinating compounds (e.g., calcium hypochlorite). Such use may cause fire or explosion.

(Environmental hazards statement for end-use products of less than 5 gallons (liquid) or less than 50 pounds (solid, dry weight).

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

**STORAGE AND DISPOSAL:**

Do not contaminate food or feed with this product.

**Product Storage:** Store delivery [chamber] [pac] [pack] [cartridge] in original container in a cold, dry, well ventilated area away from heat or open flame. In case of decomposition, isolate container and flood area with large amounts of water to dissolve all material before discarding this [chamber] [pac] [pack] [cartridge].

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{Disposal directions for p( cartridge)}

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this [container] [chamber] [pac] [pack]. [Offer for recycling if available.] Rinse thoroughly before recycling or discarding in trash.

{Disposal directions for spa cartridge}

**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.

{Optional notes for labels}

**[IMPORTANT:**

The warranty will be void if this [chamber] [cartridge] [pac] [pack] is not used with the appropriate feeder. Fire or explosion may result if this [chamber] [cartridge] [pac] [pack] is used with an incorrect chemical feeder.]

[NOTE: Some settling may occur during shipment.]

[NOTE: Buyer assumes all responsibility for safety and use not in accordance with directions.]

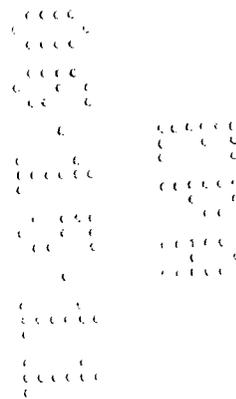
**[DO NOT REMOVE LABEL]**

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

**[NPTN Hotline number for public information 1-800-858-7378]**

[U.S. Patent Numbers xxxx]

[World Patents Pending]



{All text on this page is optional}

The Sani-King P-Max VIII [Cartridge] [Pac] [Chamber] is:

Pre-filled with chlorine

Pre-filled

Pre-filled chlorine replacement [cartridges] [pacs] [chambers].

Easy to Use

Lightweight

Less Odors

Reduced odors and no touching or measuring chlorine

The easier alternative to bulk chlorine

Automatic Pool Care System

The no-hassle way to a clean pool

Now for use with P-Max VIII Cyclor Series [100 or 200] [400 or 600]

Model # [##-##-####]

The Sani-King P-Max VIII Cyclor uses pre-filled chlorine replacement [cartridges] [pacs] [chambers].

The Automatic Pool Care System uses pre-filled chlorine replacement [cartridges] [pacs] [chambers].

Saves time – chlorine lasts longer

No hassles – no contact with chlorine – the [cartridge] [pac] [chamber] contains the odor

Automatic Water Treatment Pac/Chamber

Cyclor Pac or Replacement Chamber

Replacement Pacs/Chambers

What makes this pool care system better than the rest?

- 1) Convenient: Pre-filled [cartridge] [cyclor pac] [chamber] eliminates exposure to chlorine for greater safety and convenience.
- 2) Precise: The control dial precisely meters out just the right amount of sanitation for each pool.
- 3) Longer Lasting: Trapped air in [cartridge] [pac] [chamber] keeps chlorine dry so it lasts longer with less consumed per season.
- 4) Reliable: Water cycles through only a small amount of chlorine for more uniform and reliable output.

Store in a cool, dry place

See Product Label for Directions for Use and Precautionary Statements

In case of emergency call Chemtrec at (800) 424-9300

{DOT shipping information on carton}

Trichloroisocyanuric Acid, Dry

Class 5.1 (Oxidizer), UN 2468 PG11

Cyclor not included

APSP Logo; The Association of Pool & Spa Professionals

{Alternate Brand Name:} New Water

{Tag Line:} Clean Water. Just for the Fun of it.

**{All text on this page is optional for use with alternate brand names}**

Pool Frog Bac Pac Model 5051

For use in the Pool Frog Cyclor and Pool Frog Mineral Reservoir

Now for use with Pool Frog Series 5100, 5200, 5400, 5600, 6100 [####] and Prevail Series 5770, 5771, 5790

Pool Frog Bac Pac Model 4551

For use with the Pool Frog Cyclor and Reservoir

New Water Cyclor Pac Model [105C] [407C]

For use in Cyclor Series [100, 120 and 200] [400 and 600]

Model # [01-03-1413] [01-03-4613]

Aqua Smarte Bac Pac Model 5751

For use only with Aqua Smarte System

Aqua Smarte Chamber Model 725AP

For use only in the Aqua Smarte Delivery System

Sparco Automatic Water Treatment System Model 500SP

For use only in the Sparco System

Sparco Bac Pac Model 5551

For use only with the Sparco System

Prevail Pool Pack Model 70.5C

For use only in the Prevail System Model 170 or 5770

Prevail Bac Pac Model 5071

For use only with the Prevail System

Pool Frog Pac [540C] [610C] [####]

For use in the Pool Frog XL Pro Chlorine Cyclor

