

53735-2

7/11/2013

1/32



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

July 11, 2013

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Abigail T. Downs
Regulatory Agent to King Technology, Inc.
1150 18th Street, NW, Suite 1000
Washington DC, 20036

Subject: Sani-King P-Max VIII Cartridge
EPA Reg.#: 53735-2
Notification Date: June 21, 2013
Receipt Date: June 21, 2013

Dear Ms. Downs:

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

Proposed Notification:

To add optional label claims and directions for use for Sani-King P-Max VIII Cartridge (EPA Reg.#: 53735-2). Submitted label dated June 10, 2013 (pin punched 06/21/13).

General Comment:

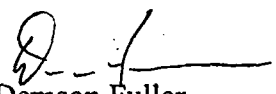
Based on the review of the material submitted, this notification to add optional label claims is **acceptable**.

On page 25 of the current label, it was noted a website addition: www.HeyCoolPool.com. Should you wish to retain a reference to the company's website on your label, please be aware that such a reference transforms the website into labeling under the Federal Insecticide Fungicide and Rodenticide Act sec 2(p)(2) and then the website is subject to review by the Agency. If the website content is false or misleading, the product would be misbranded and its sale or distribution unlawful to sell or distribute under FIFRA section 12(a)(1)(E). In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Although EPA has not yet determined the extent to which it will routinely review company websites, if the Agency finds or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from claims approved through the registration process, the website may be referred to the EPA's Office of Enforcement and Compliance Assurance.

This notification and a copy of this letter have been inserted in your file for future reference.

If you have any questions on this letter, please contact David Liem at 703-305-1284 or by email at liem.david@epa.gov.

Sincerely



Demson Fuller
Acting Product Manager (32)
Regulatory Management Branch II
Antimicrobial Division (7510P)



United States
Environmental Protection Agency
Washington, DC 20460

- Registration
- Amendment
- Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 53735-2	2. EPA Product Manager Mike Mendelsohn	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) King Technology, Inc. / Sani-King P-Max VIII Cartridge	PM# 32	
5. Name And Address Of Applicant (Include ZIP Code) King Technology, Inc. 530 11th Avenue South Hopkins, MN 55343 USA <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final Printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain Below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
Notification to update label claims and directions for use per PR Notice 98-10. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section III

1. Material This Product Will Be Packaged In:					
Child Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per Container	If "Yes" Unit Packaging wgt. No. per Container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(S) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithographed <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____					

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Abigail T. Downs, Technology Sciences Group, Inc.	Title Regulatory Consultant	Telephone No. (Include Area Code) (202) 828-8992
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Agent to King Technology, Inc.	
4. Typed Name Abigail T. Downs	5. Date June 21, 2013	



Technology Sciences Group Inc.
1150 18th Street, NW, Suite 1000
Washington, D.C. 20036
Direct: (202) 828-8992
Fax: (202) 872-0745
E-Mail: adowns@tsgusa.com

Abigail T. Downs
Regulatory Consultant

June 21, 2013

Mike Mendelsohn
Antimicrobial Division (7504P)
Document Processing Desk (NOTIF)
Office of Pesticide Products
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Re: Notification to Update the Directions for Use and Optional Marketing Claims
Company Name: King Technology, Inc.
Product Name: Sani-King P-Max VIII Cartridge
EPA Registration No.: 53735-2

Dear Mike,

Technology Sciences Group, Inc., on behalf of King Technology, Inc. is submitting the enclosed label notification to update the directions for use and optional marketing claims on the aforementioned product label.

Please find the following enclosed in support of this amendment:

1. 8570-1, Application for Pesticide Registration;
2. One (1) redline version of the proposed label;
3. Three (3) clean copies of the proposed label dated June 10, 2013.

Per Agency request, this notification makes the phrase "Not a Toy" required text. This phrase is engraved directly into the plastic components of each half of the market product.

If you have any questions please do not hesitate to contact me via phone at (202) 828-8992 or via e-mail: adowns@tsgusa.com.

Sincerely,

Abigail T. Downs
Regulatory Agent to
King Technology, Inc.

{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.}

{MASTER LABEL}

{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 Torpedo Pac]
- [Aqua Smarte Plus MizerMax Pac]
- [Frog Recharge]
- [Frog Pool Boy Recharge]
- [[Frog Sentry Recharge]
- [Frog Jr. Recharge]
- [Frog Jr. Pool Boy Recharge]
- [Frog Jr. Sentry Recharge]
- [Frog Splasher Recharge]
- [Frog Splasher Pool Boy Recharge]
- [Frog Splasher Sentry Recharge]
- [Pop Up Pool Sanitizer]
- [Pop Up Pool Sanitizer Plus]
- [Frog Pop-Up Pool Sanitizer Replacement Chlorine Cartridge]
- [Frog Pop Up Pool Replacement Chlorine Cartridge]
- [Frog Pop Up Pool Sanitizer][Frog Pop Up Pool Sanitizer Plus]
- [Pop Up Pool Replacement Chlorine Cartridge]
- [Replacement Chlorine Cartridge]
- [Pop-Up Pool Sanitizer]
- [Pop-Up Pool Sanitizer Replacement Chlorine Cartridge]
- [Alternate Brand Name: Flippin' Frog]
- [Alternate Brand Name: Flippin' Frog Replacement Chlorine Cartridge]

NOTIFICATION
Date Reviewed: 7/11/13
Reviewed By: DSL

6/32

Sani-King P-Max VIII Cartridge

- [For use only in the P-Max System]
- [For use in the Frog Splash System]
- [Uniformly feeds chlorine]
- [Efficiently kills bacteria]
- [Controls algae continuously for weeks]
- [Never touch the chlorinating tablets]
- [Controls the rate of chlorine delivery]
- [Prefilled for no mess and less odors]
- [Precisely meters chlorine at low levels]
- [Part of the complete FROG Mineral System]

- [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**

NOTIFICATION
 Date Reviewed: 7/11/13
 Reviewed By: *ASC*

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: xxxxx-xxx

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

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 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. **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.

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. Do not enter the pool until the chlorine residual is 1.0-1.5 ppm.
5. Once you have determined the proper setting for your pool, you do not have to re-adjust the setting under normal conditions. If 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] 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 [with Frog brand Test Strips] and increase/decrease one setting per day until you achieve at least 0.5 ppm. Do not enter the pool until the chlorine residual is at least 0.5 ppm.
5. Once you have determined the proper setting for your pool, you do not have to re-adjust the setting under normal conditions. If 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.

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. Operate the pump and filter 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 not to exceed 104°. Keep the spa free of leaves and debris. Drain residential spas and hot tubs and fill 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.

Using the Floating 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: 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.

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

Product Description: The Sani-King P-Max VIII Cartridge is part of [a complete pool care system] [mineral sanitizing pool care] [pool care with sanitizing minerals] [sanitizing mineral pool care] [for [pop-up] [splasher] [small above ground] [easy set] [quick set] [metal frame] [oval frame] [ultra frame] [frame] [set] pools] that [uses the] [utilizes a] patented mineral [technology] [formula] of the Pool Frog Mineral Reservoir [(EPA Reg. No.: 53735-11)] with [low(er)] [reduced] levels of chlorine to destroy bacteria, help control algae and restore water clarity. Simply [connect.] [turn] [twist] to set [and] [then] [toss into] [plop]

King Technology: Sani-King P-Max VIII Cartridge

Label Revision June 10, 2013

in] [tether to] the pool. Everything is prefilled and contained [[for] no mess, no guess [and] no stress [pool care]]. [The best part is it flips over when [empty] [out] [time to replace a [chlorine] cartridge.] [Hey! Less Work Hey! Less Chlorine Hey! Less Money].

Directions for Use:

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

For use in pools [up to [12'] [15'] [16'] [18'] [20] [21] in diameter] [or] [approximately [3000] [4000] [5000] [6000] [8000] [10,000] gallons] [between [1000] [2000] [5000] and [5000] [6000] [10,000] gallons]. [Not recommended for pools under [1000] [2000] [5000] gallons]. [Use one per [5000] [10,000] gallons.] [Check the package to ensure you have the right Pool Frog Mineral [Reservoir] [System] [or] [chlorine recharge] [cartridge] for your size pool.] Ensure all pool equipment is working properly with adequate circulation per the pool manufacturer. Balance the water's pH to between 7.2 and 7.8. Shock pool to remove contaminants (follow manufacturer's directions).

{Assembly Option #1}

[To assemble: Remove the outer packaging [before using [the Pool Frog Mineral [Reservoir] [System] [or] [chlorine recharge] [this cartridge]]. Bring the [gray] [green] [blue] mineral and [blue] [yellow] chlorine [halves] [hemispheres] [cartridges] [pacs] [pieces] [sections] together [with [arrows] [alignment marks] [tick marks] [icons] [water drops] aligned along the edge of both [halves] [cartridges]]. [with the arrow on the chlorine cartridge lined up with the unlock symbol on the mineral cartridge] [(see Figure A)]. Rotate the two [halves] [hemispheres] [cartridges] [pacs] [pieces] [sections] opposite of each other [(see Figure B)] until the initial setting for your pool size [appears in the setting window] [is lined up with the [arrow] [alignment mark] [tick mark] [icon] [water drop]] [(see Figure C)] [(see chart in [FROG System] manual)]. [For example, the] most common pool size [of] 15' [diameter], 4000 gallons [would start on] setting #5.

Once set, place directly in the pool. [With the cord provided] Tether it to the pool [side] or ladder [with a string] [the cord] [provided] through the [loop] [hole] in the product.] Initially test [the] water [daily] for chlorine [using] [with] FROG [Brand] Test Strips [or a recognized swimming pool test kit or a testing device]. Adjust the system up or down by one setting per day until the ideal free available chlorine (FAC) range of 0.5 to 1.0 ppm is maintained. [You may remove] product from pool when in use]]

{Assembly Option #2}

[To assemble: Remove outer packaging

- Align arrows on [gray] [green] [blue] mineral and [blue] [yellow] chlorine cartridges (see Figure A [below])
- Push together and rotate to connect (see Figure B [below])
- Find setting from initial setting chart (see Figure C [below])
- Lock in setting and place in pool
- Attach cord and tether to pool or ladder
- Maintain 0.5 to 1.0 ppm free chlorine level
- Initially test water with [Frog] Test Strips daily
- Adjust setting if needed one number per day
- [Product may be removed when pool is in use] [Remove product when pool is in use]]
- Shock pool as needed to maintain water clarity

When the [complete Frog System] [Pool Frog Mineral Reservoir] [flips] [rolls] over the chlorine [half] [cartridge] is empty and must be replaced. To remove, [rotate the two [halves] [hemispheres] [cartridges] [pacs] [pieces] [sections] until the [arrows] [alignment marks] [tick marks] [icons] [water drops] align along the edge of both [halves] [cartridges] (see Figure A) and pull apart]. If the Pool Frog Mineral Reservoir has not been used for 6 months or one pool season whichever is shorter, simply attach a new chlorine [brand] [half] [hemisphere] [replacement] [cartridge] [pac] [recharge] and set the complete system back in the water. Do not allow chlorine cartridge to sink to the bottom or pool bleaching may occur.

If the chlorine [brand] [half] [hemisphere] [replacement] [cartridge] [pac] [recharge] still contains a small amount of chlorine after the system has [flipped] [rolled] over, place in pool until completely empty.

[Once the Pool Frog Mineral Reservoir has been used for 6 months or one pool season whichever is shorter, the minerals are no longer active. Replace the entire Pool Frog Mineral [Reservoir] [System] and discard the mineral [half] [hemisphere] [cartridge] [pac] [piece] [section] in the trash.]

{The following copy is engraved on Floating Pool Cartridge plastic container}

Not A Toy
Keep Out of Reach of Children
DANGER
EPA Reg. No.: 53735-2
kingtechnology.com
Replace this half when floating up.

{Directions for Use for Cartridge for Bulk Chlorinator to be used with Pool Frog Mineral Reservoir EPA Reg. No. 53735-11}

Product Description: The Sani-King P-Max VIII Cartridge is part of a complete pool care system that works inside an [Hayward®] [Rainbow®] chlorinator along with a patented mineral formula to destroy bacteria, help maintain pH and restore water clarity. Simply use with the Pool Frog Mineral Reservoir (EPA Reg. No. 53735-11) by [attaching] [connecting] [latching] the two pacs together and inserting in the center of a [Hayward®] [Rainbow®] chlorinator. Everything is prefilled and contained for no mess, no guess and no stress pool care.

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

Directions For Use: For use inside [Hayward® chlorinator models CL200 and CL220] [Rainbow® chlorinator models 300 and 320] [or equivalent chlorinator] for pools up to [10,000] [15,000] [20,000] [25,000] [30,000] [35,000] [40,000] gallons. Pool Frog Mineral Reservoir must be used with the Sani-King P-Max VIII Cartridge. Before using, balance the pH to between 7.2 and 7.8 and total alkalinity between 60-120 ppm and shock the pool with a [chlorine shock per the manufacturer's directions.] [shock pac per its label directions.] Make sure the chlorinator is completely empty of chemical. Never mix chemicals. If used previously with a chemical other than Trichlor, clean inside of chlorinator thoroughly. Then follow the directions below:

1. [Remove [tape] [foil] covering the water holes on the bottom [and side] of] [Remove plug from side of] the chlorine pac.
2. Connect the Pool Frog Mineral Reservoir to the Sani-King P-Max VIII Cartridge by bringing the two pieces together, lining up the arrows and turning the chlorine pac clockwise until locked in place.
3. Turn circulation pump off, turn the [Hayward®] [Rainbow®] chlorinator dial to off and remove its cap.
4. [Lift] [Use] handle [and] [to] insert the complete system into the [Hayward®] [Rainbow®] chlorinator by lining up the short square channel on the Pool Frog Mineral Reservoir with the dial side of the chlorinator. Lower until seated. The cap will not close properly if the product is not seated correctly. Lift up and reinsert until seated properly.
5. Replace the cap on the [Hayward®] [Rainbow®] chlorinator and turn pump back on. Set the control dial according to the chart in the manual. When using the Pool Frog Mineral Reservoir maintain a free available chlorine (FAC) level of 0.5 ppm to 1.0 ppm. Adjust the chlorinator dial to increase or decrease chlorine output.
6. [If using Algaecide Pac. Before attaching the Sani-King P-Max VIII Cartridge (step 2) [push] [screw] [affix] algaecide [pac] [container] [bottle] [on] [in] to the [adapter that attaches to the] [Pool Frog Mineral Reservoir] [while inside the chlorinator] [then insert into chlorinator]. Replace cap, turn dial full open and run for 90 minutes. Remove algaecide bottle and discard or recycle.]

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

PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER: CORROSIVE: If product is removed from its prefilled container, 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. Follow directions for use carefully. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

PHYSICAL OR CHEMICAL HAZARDS: Corrosive: Strong oxidizing agent. Non-refillable container. Do not attempt to refill empty [chamber] [pac] [pack] [cartridge]. Place only into water or installed equipment made for this product. 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] [hemisphere] [replacement] 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] [hemisphere] [replacement].

PESTICIDE DISPOSAL: Product or rinsates that cannot be used must be diluted with water before disposal in a sanitary sewer.

{Disposal directions for pool cartridge}

CONTAINER HANDLING: Non-refillable container. Do not reuse or refill this [container] [chamber] [pac] [pack] [hemisphere] [replacement] [cartridge]. Shake the [container] [pac] [cartridge] over the pool and away from your face to ensure it is empty before offering for recycling if available or dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

{Disposal directions for spa cartridge}

CONTAINER HANDLING: Non-refillable container. Do not reuse or refill this [container] [chamber] [pac] [pack] [hemisphere] [replacement] [cartridge]. Shake the [container] [pac] [cartridge] over the pool and away from your face to ensure it is empty before offering for recycling if available or dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

{Operating instructions for Floating Pool Cartridge} {All text is optional}

Operation Manual

This is not a toy. For sanitizing pop-up pools only! Tether to pool with enclosed cord.

[Welcome to pool care courtesy of FROG. The FROG [Mineral System+] [Mineral Sanitizing Pool Care] [pool care with sanitizing minerals] [sanitizing mineral pool care] will help destroy bacteria to keep your pool clean with less work and up to 50% less chlorine.* It is super easy to use and will keep you enjoying a clean, clear swimming pool for weeks at a time. Here's all you do:] [The FROG Mineral Reservoir is a complete pool care system for pop-up pools that [uses] [utilizes] the patented mineral formula of the FROG Mineral Reservoir with [low(er)] [reduced] levels of chlorine from the chlorine cartridge to destroy bacteria, help maintain pH and restore water clarity. Simply [connect,] [turn] [twist] to set and [toss into] [tether to] [plop in] the pool. Everything is prefilled and contained [[for] no mess, no guess [and] no stress [pool care.]] [The best part is it flips over when [empty] [out] [time to replace a [chlorine] cartridge.] [Hey! Less Work Hey! Less Chlorine Hey! Less Money]

Register your FROG Mineral Reservoir at kingtechnology.com

Pool Start-up

Balance your water according to the water balance guidelines.

WATER BALANCE GUIDELINES	
pH	7.2-7.8
Total Alkalinity	60-120 ppm
[Calcium Hardness	150-400]
[Total Dissolved Solids	<1500]
Stabilizer (Cyanuric Acid)	20-80 ppm
Free Chlorine	0.5-1.0 ppm

1. Shock pool to remove contaminants (follow manufacturer's directions).
2. Remove [the] [outer] packaging from both the mineral and chlorine [halves] [hemispheres] [cartridges] [pacs] [pieces] [sections] of the FROG Mineral System. Bring the two [halves] [cartridges] together and line up the [arrows] [alignment marks] [tick marks] [icons] [water drops] [arrows on the chlorine cartridge with the unlock symbol on the mineral cartridge]. Push together and twist to lock. [Do not twist past setting #x or damage to the product could result.]

[If using the [algaecide] [clarifier] [scent] [shock] pac, attach [to] [complete system] [mineral half] [between the mineral and chlorine halves]. Follow the instructions on that product for proper use.]

[Setting the FROG Mineral System]

3. Twist the mineral [half] [hemisphere] [replacement] [cartridge] [pac] opposite of the chlorine [half] [hemisphere] [replacement] [cartridge] [pac] until the setting number for your pool size is lined up with the [arrow] [alignment mark] [tick mark] [icon] [water drop] [on the chlorine cartridge] (see chart below).
4. [Then simply toss it into the pool or] tether it to the pool [side] [frame] or ladder [with the cord provided,] away from the skimmer or a return jet. [Use [the enclosed cord] [a string] tied to the [loop] [hole] in the product.]

{graphic callouts:} [gray] [green] [blue] mineral cartridge, [blue] [yellow] chlorine cartridge, setting # on mineral cartridge, Twist mineral opposite of chlorine

- Test the water periodically and [adjust the setting until the chlorine level is] maintain[ed] at [least a] 0.5 ppm to 1.0 ppm [chlorine level]. Use the precise FROG [Brand] Test Strips to help measure the ideal chlorine range when used with FROG minerals. Based on average pool usage, chlorine will last [on average] [about] [up to] [4-6 weeks for pools up to [3000] [4000] gallons or] [[2] [3]-4 weeks for pools up to [5000] [6000] gallons.] [3-4 weeks] except during times of hot water temperatures and heavy pool use.

[Pool Frog Mineral Reservoir] Initial Setting Chart [For [2000] [5000] to [5000] [10,000] gallons]					
Diameter	[Pool Gallon Size] [Gallons]	Setting #	Diameter	[Pool Gallon Size] [Gallons]	Setting #
8'-10'	[1000]	#	18'	[5000]	#
10'	[1500]	#	18'	[5500]	#
12'	[2000]	#	18'	[6000]	#
12'	[2500]	#	18'	6500	#
15'	[3000]	#	20'	7000	#
15'	[3500]	#	20'	8000	#
15'	[4000]	#	21'	9000	#
15'-16'	[4500]	#	21'	10000	#

[Most common pool size] [For example, pools 15' in diameter or 4000 gallons would use setting x]

NOTE: [See the information that came with your pool or] calculate pool gallons by multiplying diameter x diameter x water height x 5.9 or visit our pool volume calculator at kingtechnology.com

Replacing the Chlorine [Brand] [Half] [Hemisphere] [Replacement] [Cartridge] [Pac] [Recharge]

When the product is almost empty it will [begin to] slowly [flip] [roll] over giving you [a day or two] notice that it's about time to replace. When it completely [flips] [rolls] over replace by [rotating the two] [halves] [hemispheres] [cartridges] [pacs] [pieces] [sections] until the [arrows] [alignment marks] [tick marks] [icons] [water drops] align along the edge of both [halves] [cartridges] and pull apart [arrow on the chlorine cartridge aligns with the unlock symbol on the mineral cartridge and pull apart]. Follow the start-up procedures [above for attaching a filled chlorine [brand] [half] [hemisphere] [replacement] [cartridge] [pac] [recharge]].

Do not remove the chlorine cartridge until the system has completely flipped. If the chlorine [half] [hemisphere] [replacement] [cartridge] [pac] [recharge] [still] contains a small amount of chlorine after the system has [flipped] [rolled] over, place in pool by itself [until completely empty]. Do not allow chlorine cartridge to sink to the bottom or pool bleaching may occur. When completely empty discard in trash [or offer for recycling].

Regular Pool Care

- Run pump and filter at least 8 hours per day. Lack of circulation may cause bleaching of pool surface.
- Regularly test water for pH, total alkalinity and chlorine levels.
- Maintain at least 0.5 ppm chlorine level at all times.
- Replace [the] chlorine [cartridge] when [the FROG Mineral System completely] [flips] [flipped] [rolls] over.
- Shock the pool as needed to maintain water clarity. Follow label directions on the shock treatment used.
- Check filter regularly and clean or replace the cartridges when dirty.
- Replace the complete Frog Mineral [Reservoir] [System] every 6 months or after one pool season whichever is shorter. If the pool is drained and refilled prior to six months or one pool season, the [minerals] [system] must be replaced at that time.

NOTE: [This product may be removed from the pool when in use [or if the pool has over chlorinated]. Lift out of the water and let drain into the pool. Then hang over the outside of the pool [on [the cord provided] [a string]] or place on the ground or surface that is not susceptible to bleaching from the chlorine. Remember to replace the product once exiting the pool [or when the chlorine levels return to normal.]

{Operational Instructions for Cartridge for Bulk Chlorinator} {All text is optional}

FROG Mineral System Operation Manual

Welcome to pool care courtesy of FROG. The FROG Mineral System will destroy bacteria to keep your pool clean with less work and up to 50% less chlorine. It is super easy to use because it fits inside your current [Hayward®] [Rainbow®] [or equivalent] chlorinator. You simply enjoy a clean, clear swimming pool without touching or counting chlorine [tablets] [pucks] again. Here's all you do:

Swimming Pool Tips

1. Make sure the pool has adequate circulation. The pool water must completely circulate through the pump and filter at least 1 to 2 times per day. This usually requires 8 to 12 hours. Check with your dealer for the proper circulation time for your pool.
2. Before beginning with any pool care program, you must first balance your pool water. Take a water sample to your local pool professional [or use a complete test kit] that will test for the following important elements.

Water Balance Guidelines	
pH:	7.2-7.8
Total Alkalinity:	60-120 ppm
Calcium Hardness:	150-400
Total Dissolved Solids:	<1500
Stabilizer:	20-80 ppm
Free Chlorine:	0.5-1.0 ppm

3. If your fill water is high in metals, use a sequestering agent or metal out product at start up only before using the mineral reservoir. See your local dealer for details on using these products and always follow manufacturer's directions carefully.
4. After your pool is up and running smoothly, continue to test your water for pH, total alkalinity and chlorine [with FROG Brand Test Strips] and maintain its balance by adding any necessary adjustment products (see you dealer for details).
5. Check the pool's filter gauge often and periodically clean filter per the manufacturer's directions. A dirty filter will slow the flow of water which could hamper proper circulation.

[How to replace the Pool Frog components]

[Replacing] [Using] a Pool Frog Mineral Reservoir and Chlorine Pac

1. Check the [top] [front] of the box [and [back] label of product] to make sure you have the correct Pool Frog Mineral Reservoir to fit your [Hayward®] [Rainbow®] chlorinator.

THE POOL FROG MINERAL RESERVOIR MUST BE REPLACED EVERY 6 MONTHS OR AFTER ONE POOL SEASON WHICHEVER IS SHORTER.

2. Remove the material covering the holes on the bottom [and side] of [remove the plug from the side of] the Chlorine Pac.
3. [If using Algaecide Pac. [push] [screw] [affix] algaecide [pac] [container] [bottle] [on] [in] to the [chlorinator] [adapter that attaches to the] [Pool Frog Mineral Reservoir] [while inside the

chlorinator] [then insert into chlorinator]. Replace cap, turn dial full open and run for 90 minutes. Remove algaecide [pac] [container] [bottle] and discard or recycle.]

4. Connect the Pool Frog Mineral Reservoir to the Chlorine Pac by bringing the two together, lining up the arrows and turning the chlorine pac clockwise to lock.
5. Turn off pump, turn chlorinator dial closed or off and open the cap.
6. [Lift up] [Use] the handle [and] [to] lower the complete system into the [Hayward®] [Rainbow®] chlorinator by lining up the square channel on the side of the Pool Frog Mineral Reservoir and Chlorine Pac with the dial side of the [Hayward®] [Rainbow®] chlorinator.
7. Replace the chlorinator cap. If the system is not seated properly the cap will not close. Pull up, check alignment and re-lower into chlorinator.

Channel in Pool Frog Mineral Reservoir
Dial side of [Hayward®] [Rainbow®] chlorinator

Replacing the Chlorine Pac

Chlorine Pacs will help ensure a reduction of up to 50%* in chlorine use. *Pacs sold separately.* (EPA Reg. No. 53735-2)

**Compared to the minimum EPA recommended chlorine level of 1.0 ppm for a stabilized swimming pool.*

Avoid sparks, open flame or smoking when handling the pac.

1. When the chlorine pac is empty remove the entire [system] [product] from the chlorinator. Turn the chlorine pac counter clockwise to unlock it from the Pool Frog Mineral Reservoir. Simply connect a new Chlorine Pac by lining up the arrows and turning the chlorine pac clockwise until it locks.
 Alignment arrows
 Turn clockwise
2. [Lift up] [Use] the handle [and] [or] lower the complete system into the [Hayward®] [Rainbow®] chlorinator by lining up the square channel on the side of the Pool Frog Mineral Reservoir and Chlorine Pac with the dial side of the [Hayward®] [Rainbow®] chlorinator.

The chlorine pacs are made of HDPE plastic. Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Rinse thoroughly before recycling or discarding in trash.

Mark your calendar for the six month replacement of the Pool Frog Mineral Reservoir and approximate replacement times for the Chlorine Pacs. Once wetted, the time released mineral coating of this product is effective up to 6 consecutive months or one pool season whichever is shorter. After that time, even if you hear the spent media inside, it is no longer effective and must be replaced.

Start-up and Operation

1. Add a stabilizer or conditioner to the pool at the beginning of the season if the stabilizer level is below 20 ppm. This will prevent chlorine burn off. Follow manufacturer's directions carefully.
2. [Shock the pool with [an EPA registered chlorine shock] [a shock pac] to rid the water of all contaminants before beginning. Follow manufacturer's directions carefully.]

Do not add shock in or near the skimmer or into the chlorinator as it could damage equipment, risk potential explosion or discolor your pool surface.

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THIS STEP IS VERY IMPORTANT TO START-UP. USE CHLORINE SHOCK ONLY.

- 3. [If using the Algaecide [pac] [container] [bottle], follow the directions for use on that product now.]
- 4. Install Pool Frog Mineral Reservoir and Chlorine Pac into the [Hayward®] [Rainbow®] chlorinator. See page 1 for directions.

REPLACE THE POOL FROG MINERAL RESERVOIR EVERY 6 MONTHS OR AFTER ONE POOL SEASON WHICHEVER IS SHORTER.

- 5. **SETTING CONTROL DIAL** Set control dial by matching up the parameters of your pool on the charts below. **THIS IS A STARTING POINT ONLY** and may need to be adjusted to fit your individual pool needs. See # [x] for directions.

Initial Setting Chart	
Pool Gallon Size	Setting #
10,000	#
15,000	#
20,000	#
25,000	#
30,000	#
35,000	#
40,000	#

- 6. For the first week test the pool water daily for free chlorine [with Frog Brand Test Strips] to ensure correct dial setting. Continue to test weekly throughout the season. After testing, adjust the dial up by ½ increment if the free chlorine reading has dropped below 0.5 ppm or down by ½ increment if the reading has risen above 1.0 ppm. Continue this process each day until the [reading stabilizes to at least 0.5 ppm.] [color on the test strip matches the ideal Frog range of 0.5 ppm to 1.0 ppm free available chlorine (FAC).] Remember to adjust dial by ½ increments only, in order to prevent over chlorination which may bleach pool surfaces.
- 7. Shock pool every two weeks or as needed to maintain water quality. Follow label directions on the chlorine shock treatment used.

Hayward® is a registered trademark of Hayward Industries Inc.
 Rainbow® is a registered trademark of Pentair Inc.

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{Optional notes for labels}

[IMPORTANT:

The warranty will be void if this [chamber] [cartridge] [pac] [pack]] [hemisphere] [replacement] is not used with the appropriate feeder. Fire or explosion may result if this [chamber] [cartridge] [pac] [pack] [hemisphere] [replacement] 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 and other U.S. Patents and Foreign Patents pending]
[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.
{FROG offers} More [fun with your family]

{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

Used with the Frog Leap Mineral [Sanitizing] System and Frog Leap Blitz! 90-Day Algae Protection Guarantee! [EPA Reg. No.: 53735-9]

Use with Frog Brand Test Strips for [precise readings at low chlorine levels] [matching the ideal chlorine rand when using Frog minerals]

{All text on this page is optional copy for marketing to use in conjunction with the Pool Frog Mineral Reservoir EPA Reg. No: 53735-11}

- Always on guard
- On Guard
- On Duty
- What's living in your pool?
- Don't share your pool with [common bacteria, pests you don't want]
- Your pool party has a long list of unwanted guests.
- Don't let undesirables crash your pool party
- Frog dial-a-sure
- The lower chlorine system
- Worry about your water? Go Frog for no worries.
- Frog on duty
- Frog never sleeps
- Frog is always in the pool
- [Frog is] [The FROG System+ is] Always working to protect you and your family
- Always in the pool--always on duty.
- Don't get in the water without the Frog.
- Frog twist and shout
- Dial-a-Frog
- Dial-a-Clear Pool
- Dial-a-Clean Pool
- Toss [this] [the FROG System+] in—bacteria goes out
- Plop in [the FROG System+]—[kick] bacteria out!
- Frog works
- With Frog, you know it's [clean] [clear] [sanitized] [fresh] [sparkling]
- Your Pool needs Frog
- Pool water needs Frog
- [Pop-up, splasher, small] pools need Frog
- Frog [System+] in - bacteria out
- Dirty water needs Frog
- Frog gets it clean, keeps it clean.
- FROG keeps bob bob bobbin along
- FROG - Always In! – Always Clean [Clear] [Sanitized] [Fresh] [Sparkling]!
- FROG - Always Cleaning So You Don't Have to!
- KNOW your Pool is Clean [Clear] [Sanitized] [Fresh] [Sparkling]!
- Toss it in. Leave it in.
- Toss [it] [the Frog System+] in. Kick bacteria out!
- [Pop-up, Splasher, Small] Pools Need Cleaning Too!
- Toss it in. Clean it up!
- Finally! Small Pools Get Big Clean!
- The easiest way to keep small pools [clean] [clear] [sanitized] [fresh] [sparkling]
- Small Pools Need Big Clean!
- Small Pools – Big Clean!
- Great Ball-O-Clean!
- It's like having your own 24/7 pool service! Just dial the number to your pool size and toss it in the pool. When the FROG System turns over and stays over, simply replace the chlorine and toss it back in. It's that easy!
- [A] [One of the] leader[s] in reduced-chlorine mineral water care.

{All text on this page is optional copy for marketing to use in conjunction with the Pool Frog Mineral Reservoir EPA Reg. No: 53735-11}

- Simply toss it in for weeks of worry-free water!
- Dual-Core system for maximum water clarity and cleanliness!
- Minerals and low levels of Chlorine for an ultra clean
- Never swim alone – take Frog with you
- Clean [Clear] [Sanitized] [Fresh] [Sparkling] water starts with Frog
- Fresh, sparkling water starts with FROG that kills harmful bacteria with up to half the chlorine
- Need Clean [Clear] [Sanitized] [Fresh] [Sparkling] Water? Get Frog
- Don't get in the pool without Frog
- For Clean Pool Water You Need Frog
- Twist and Toss
- Live in pool cleaner
- Live in pool help
- Live in pool care
- Live in caretaker
- [And] Minerals reduce chlorine costs to [just] pennies a day
- With minerals chlorine use costs only pennies a day
- FROG - Keep it in – Keep it clean
- FROG keeps [cleaning] [sanitizing] [working] so you don't have to
- FROG is a lazy man's best friend
- Frog in – water [clean] [clear] [sanitized] [ready to go]
- FROG is a pool caretaker
- Satisfaction Guarantee – Like it or your money back.
- Never swim without a buddy!
- [The lazy man's best friend for] clear, clean water
- Your partner in sanitizing pop up pools
- The pairing of minerals and chlorine continuously maintains clear, clean water for weeks.
- Clear, clean and easy [way to have] soft water
- Soft water that's easy on skin
- [Frog Minerals] maintains a neutral pH for softer skin
- Soft water with a crystal clear shine
- Put your pool in good hands!
- You need a buddy that's always lending a hand to keep your water clean and clear.
- [Especially made] for [pop up] [splasher] [small] [swimming] pools
- Mom's love [it] [Pool Frog Mineral Reservoir]
- [Plus] free [FROG] [Brand] test strips [(\$\$ Value)] [Inside]

{All text on this page is optional copy for marketing to use in conjunction with the Pool Frog Mineral Reservoir EPA Reg. No: 53735-11}

- [The Frog System+] Keeps small pools healthy
- The Clean Machine
- The Small Pool Must for Bacteria that Disgust!
- The ESSENTIAL Small Pool Sanitizer
- Kills Bacteria. Clears the Water.
- The All-in-One Small Pool Sanitizer
- Cleaner water - Round the clock
- The easy way to give smaller pools a bigger clean
- Provides a Clean Zone in your small pool
- Finally, an easy way to keep your small pool clean and clear
- Protect your small pool from bacteria all day and night.
- [The Frog System+ is] Always on guard against bacteria [- Always!] [in your [small] pool]
- [The Frog System + is] Guarding your pool against bacteria- so you don't have to.
- Keeping an eye out for bacteria 24/7
- [The Frog System+ is] On guard against bacteria in your small pool
- Your front line against bacteria in your small pool
- Your blockade against small pool bacteria
- The automatic small pool sanitizer
- The always-on small pool sanitizer
- When [it] [flips] [rolls over] replace this [bottom] [half] [recharge] [yellow] [blue] [chlorine] [cartridge]
- Flips over when chlorine cartridge is empty and needs to be replaced.
- Replace [this] [bottom] [half] [recharge] [chlorine] [cartridge] when [flipped] [rolled] [over] [viewable] [seen] [bottom showing]
- Chlorine: Replace when [this] [chlorine] half floats up
- [This is] not a toy.
- Visit kingtechnology.com to find a stocking retailer
- Minerals: Lasts 6 months
- Turn your chlorinator into a mineral system
- For [Hayward®] [Rainbow®] chlorinator users
- The experience of mineral pool care without an installation
- Turn your [Hayward®] [Rainbow®] [chlorinator] into a FROG [mineral system]!
- Improve your water quality with precise chlorine output
- No more touching chlorine tablets
- No need to haul heavy buckets of chlorine
- No guessing how much chlorine to use
- Better than [chlorine] buckets!
- [Ditch] [Buck] [Leap FROG] the [chlorine] buckets!
- No more [peak and valley] [yo-yo] [up and down] [chlorination] [chlorine levels]
- Get more from your [Hayward®] [Rainbow®] chlorinator by converting to FROG!
- Chlorinators are old school – [it's time for] [upgrade to] FROG!
- Experience a better pool care method for no more money
- Reduced chlorine [solution] [technology] for [Hayward®] [Rainbow®] chlorinator users

{All text on this page is optional copy for marketing to use in conjunction with the Pool Frog Mineral Reservoir EPA Reg. No: 53735-11}

- Clean water with up to [1/2] [half] [50%] the chlorine*
- [FROG] [We] keep it clean with up to [1/2] [half] [50%] the chlorine*
- Frog [helps] keep[s] it clean with up to [1/2] [half] [50%] the chlorine*
- Kills bacteria with up to [1/2] [half] [50%] [less[(the] chlorine*
- Kills microorganisms with up to [1/2] [half] [50%] the chlorine*
- [Destroys] [Kills] [Eliminates] harmful bacteria with up to [1/2] [half] [50%] the chlorine*
- Frog patrols your pool with up to [1/2] [half] [50%] the chlorine*
- Keep [your pool] [it] clean with up to [1/2] [half] [50%] the chlorine*
- Fights bacteria with up to [1/2] [half] [50%] the chlorine*
- Battles bacteria with up to [1/2] [half] [50%] the chlorine*
- [Patented technology] for [pop-up] [splasher] [smaller above ground] [easy set] [quick set] [frame] [metal frame] [oval frame] [ultra frame] pools up to [12'] [15'] [16'] [18'] [diameter] [3000] [4000] [5000] [6000] [gallons] [gal.]
- Perfect for [keeping] [pop-up] [splasher] [smaller above ground] [easy set] [quick set] [frame] [metal frame] [oval frame] [ultra frame] pools [clean] [disinfected] [clear] – [1 FROG] up to [12'] [15'] [16'] [18'] [diameter] or [3000] [4000] [5000] [6000] [gallons] [gal.]
- [Patented] [Proprietary] [Exclusive] [pop-up] [splasher] [smaller above ground] [easy set] [quick set] [frame] pool [bacterial] [protection] [technology] – [1 FROG] up to [12'] [15'] [16'] [18'] [diameter] or [3000] [4000] [5000] [6000] [gallons] [gal.]
- [Designed] [Made] specifically for use in [pop-up] [splasher] [small above ground] [easy set] [quick set] [metal frame] [oval frame] [ultra frame] [frame] [set] pools [between [1000] [2000] gallons] [up to [16'] [18'] in diameter] [or] [and] [5000] [6000] gallons].
- Large pool technology [brought home to any backyard] [now available for [pop-up] [splasher] [small above ground] [easy set] [quick set] [metal frame] [oval frame] [ultra frame] [frame] [set] pools].
- Easy-to-follow instructions inside the box.
- 3 [easy] steps to keep your pool clean*:
- Clean pool in 3 [easy] steps
- Keeping [your] [the] pool clean [is as easy as 1-2-3] [has never been so easy]
- [Destroy] [Kill] [Eliminate] harmful bacteria [and prevent algae] in 3 easy steps
- 1 - Connect [algaecide], [mineral and chlorine together] [upper and lower] halves and [select] [twist to] [appropriate] setting on Frog [based on pool size and use]
- 2 – [Place] [Toss] [Flip] [Throw] Frog in pool
- [3 - When Frog [flips] [rolls] [over] [upside down], [he's telling you it's time to] [change] [replace] [bottom half] [the chlorine recharge] [cartridge]

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- 3 - Frog [flips] [rolls] [over] [upside down] when it is time to [change] [replace] [bottom half] [chlorine recharge] [cartridge]
- 3 - Change cartridge when [Frog flips] [flipped] [it rolls over]
- 3- [Flips] [Rolls] [over] [upside down] when chlorine [recharge] [half] [cartridge] needs replacing

- Set, float, [flip] [roll over], replace [chlorine] [half] [recharge] [cartridge]
- Attach [cartridge] [recharge], select setting, float, [flip] [rolls over], [replace cartridge] [re-cartridge] [recharge]
- [Attach] [Connect] and set
- Re-connect and Re-Set

- Float[s] till [Flipped] [it flips] [it rolls over]
- Replace [chlorine] [cartridge] [recharge] [half] [bottom]
- Silver [smart] [ion] [mineral] technology plus low levels of chlorine

- Silver ion [minerals] [mineral technology] work[s] [in conjunction] [partner] with [low levels of] chlorine to [kill] [eliminate] [destroy] [inhibit] [harmful] bacteria
- Silver ion [minerals] [mineral technology] [kill][s] [eliminate][s] [destroy][s] [inhibit][s] bacteria[] growth when used in conjunction with low levels of chlorine
- When used in conjunction with low levels of chlorine, silver ion [minerals] [mineral technology] [kill][s] [eliminate][s] [destroy][s] harmful bacteria [and inhibit[s] its growth]

- Silver ion [boost] [action] [FROG] reduces chlorine use by 50%
- Silver ion [boost] [action] [FROG] [needs] [works with] [equals] [=] 50% less chlorine
- Silver ion [boost] [action] [FROG] keeps your pool clean with up to [1/2 the] [half the] [50% less] chlorine.

- Silver ion chlorine technology
- Silver smart chlorine reduction technology
- Silver ion minerals [plus] [+] replaceable chlorine

- Advantages of [using] less chlorine:
- Advantages of using up to [1/2] [half] [50% less] [the] chlorine:
- Up to [1/2 the] [half the] [50% less] chlorine means:
- Increased enjoyment with:
 - [Less] [Reduced] chlorine [smell] [odor] [aroma]
 - Improved water [feel] [softness]
 - Water feels softer

 - Spa-like softness
 - Soft water feel
 - Crystal clear shine

 - Crystal clear water [looks inviting]
 - Sparkling clear water

- You buy the pool. [We] [FROG] keep[s] it clean.
- King Technology, Inc. – Improv[ing] [ed] [your] [pool] [spa] water
- King Technology, Inc. – the [pool] [spa] water [experts] [patrol] [professionals]

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- [Chlorine] [Recharge] [Cartridge] [Bottom half] Lasts up to 3 weeks! (see instructions inside for details)
- [Frog Minerals] [Top half] last[s] up to 6 months or a full season! (see instructions inside for details)
- [1 – 2 punch] [Dual action] [2-Part action] against [harmful] bacteria
- Fighting together to protect swimmers from [harmful] bacteria
- [2-part] [Dual] action gives bacteria a 1-2 punch
- Kill[ing][s] bacteria with a 1-2 Punch
- FROG [sanitizes] [does the job] [keeps it clean] for pennies a day!
- The next best thing requires [100%] [a lot] more chlorine!
- If your chlorine level is [2.0] [3.0] ppm, using FROG can cut your use [70%] [80%]
- Self-Contained [Dual Action] [Reduced Chlorine] Pool [Care] [Sanitizer]
- When it starts to turn you have a day or two before it's empty
- Slowly [flips] [rolls] over to let you know it's almost empty
- Flips over when [chlorine [cartridge] is] empty
- Early warning system built in as it takes a few days to completely [flip] [roll over]
- Dual Action
- [Silver Ion] Minerals + low levels of chlorine
- [Silver Ion] Minerals + controlled levels of chlorine
- Less chlorine hassle
- Saves [you] money
- No-touch chlorine cartridge
- Up to 18ft. or 6,000 gallons
- Up to 15ft. or 5,000 gallons
- [For [pop-up] [easy set] [do it yourself] pools] [12 to 18] [18 to 21] [feet] [foot] [in] [diameter;] [2000 to 5000 gallons] [5000 to 10,000 gallons]
- Stays clean with consistent low-levels of chlorine
- [Tells you] [Let's you know] when it's empty
- Complete pool care system
- Conditions the water for spa-like softness
- Top half lasts up to 6 months (or one season)
- [Bottom half] [Chlorine] lasts about 4-6 weeks in pools up to [3000] [4000] gallons with average use or 2-4 weeks in pools up to [5000] [6000] gallons.
- Additional replacement [chlorine] cartridges sold separately
- Keeping the Pool clean has never been so easy
- Align arrows, twist and set for your pool size. [Set the cartridge per the] [See chart in] manual
- Tie off in pool away from skimmer. Product will tip over when empty.
- When empty, twist off chlorine cartridge (and recycle). Attach replacement cartridge.
- Attach new [blue] [yellow] chlorine cartridge to [gray] [green] [blue] mineral cartridge and set back in pool.

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- Low Chlorine vs. Too Much Chlorine
- Chlorine is by far the leading disinfectant used to kill bacteria in swimming pools because it works.
- But it needs to be controlled as chlorine in too high a dose can be a problem.
- Keeping the right amount of chlorine in the pool promotes comfort and enjoyment.
- The Pool Frog Mineral Reservoir's patented design manages chlorine levels in two ways.
- First, it combines low-levels of chlorine with another anti-bacteria agent – [silver ion] minerals. Together, they destroy bacteria.
- Secondly, the patented interior design of the System controls the flow of chlorine to eliminate the too-high, too-low situations.
- The result is consistent sanitation with up to half the chlorine.
- [Click] [Twist] on [to replace], [click] [twist] off [chlorine] [cartridge] [when empty]
- Easy to twist off the empty cartridge and twist on a new one
- Simply twist off the old [yellow] [blue] cartridge and replace
- [Replacement] [Chlorine] Cartridges [designed for Pool Frog Mineral Reservoir]
- [Clean] [Clear] water the easy way!
- It's FROG but a leap ahead
- Mineral pool care that's a leap ahead
- Leap ahead with FROG Leap
- Leap into summer
- Specially designed for Frog Leap mineral system users.
- Flippin' amazing technology turns [old fashioned] [pool] [water] care upside down
- [Frog] [Kills] [Destroys] [Gets rid of] bacteria [two] [2] ways [with] [silver ion minerals] [mineral ions] [minerals] [and] [plus] [low levels of] [less] [chlorine]*.
- In fact, it's half as much chlorine*
- [Friendly] [Easy] [pop-up] [mineral] pool care
- It's flippin' [amazing] [exciting] [easy] [easy to use] [profitable] [cool] [awesome] [friendly] [fun] [original] [one of a kind]
- THE [pop-up] [mineral] pool technology that cuts chlorine use in half*
- Low - and - slow chlorine release cartridge (lasts 3-4 weeks)
- Amazing mineral[s] [system] [technology] [formula] kill bacteria
- Float[s] [and] [&] Flip[s] [technology] tells [user] [you] when [it's empty] [to replace the chlorine cartridge]
- Mineral cartridge releases ions while chlorine cartridge releases low (0.5 ppm) levels of chlorine
- Visual[ly] [out indicator] [tells you] [at a glance] [when] [the cartridge needs replacing] [it's empty] [it's time to replace]
- The [no-mess, no-guess, no-stress] pool care for pop-up pools featuring FROG's [innovative] technology.
- Minerals make a difference you can see and feel
- It gives you:
- Less work with no daily dosing
- A neutral pH with less monitoring
- Prevents bleached [swimming] suits and smelly odors

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- No more worries about the proper dosage or handling smelly, bulky chemical[s] [buckets]. Frog Mineral Reservoir [simply floats in the pool] keep[s] [ing] the water sparkling clean, clear and soft for weeks; then flips over when [the chlorine is] empty. [Simply replace with a new chlorine cartridge.] [Saves] [Less] work and [up to 50%* less chlorine] [saves money]! It's that easy! [Saves you work and money.]
- Some floaters were not built with the [adjustability] [technology] to precisely meter chlorine so they [tend to] [sometimes] dispense higher chlorine levels than is needed.
- Not all floaters are built with the [technology] [adjustability] to precisely meter chlorine, which may result in the [dissension] [dissolution] [dissolving] [using] [of] more chlorine than is needed.
- Standard floaters come in different sizes with different output abilities which can mean one pool has too much chlorine while another doesn't have enough.
- [and] [Frog] leaves [your] water soft, clean and silky
- It's patented. It's EPA registered
- [Patented] minerals [reduce] [cuts] chlorine use up to 50%*
- [Helps] [you] ensure[s] the pool [is always] [stays] [sanitized] [clear and clean]
- Frog works hard for you
- Clean & clear the easy way
- Clean, Clear & Easy
- [Complete] [Clear] [Clean] Water Solution
- Figure A – Align arrows
- Figure B – Rotate to set
- Figure C – Initial Setting Chart
- [The [prefilled] Chlorine cartridge] Lasts 3-4 weeks
- Fits [your] Flippin' Frog
- [It's] New
- This side up
- Contents: 12 Chlorine Cartridge
- Retailer: pull here to remove

Scan to learn more about FROG [Hey! Cool Pool]

www.HeyCoolPool.com

Made in the USA

Distributed by Arch Chemicals, Inc. P.O. Box 724438 Atlanta, GA 31139-1438

"Cool" sanitizing pool care – minerals and less chlorine!

The [latest] [up to date] [innovative] [high tech] [cool] pool technology combines minerals and [low levels of] [50% less] [half the] chlorine

Minerals benefit you with:

Clean, clear, [pH balanced] water

Forget about faded swimsuits or [harsh] [smelly] odors

Silky soft, sparkling clear water

Minerals last all summer^

^ FROG minerals last [up to] 6 months or one pool season whichever is shorter

[The FROG Mineral system+] Minerals scrub[s] bacteria away

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King Technology: Sani-King P-Max VIII Cartridge

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[Yellow] [blue] [cartridge] [side] up? It's time to replace [your chlorine cartridge].
When it flips to [yellow] [blue] side up
[Blue] [Green] [Gray] [cartridge] [side] up? FROG is working to sanitize your pool.
Water looks inviting and feels even better
Less cost [to maintain the pool]

More time for [what really matters] [fun!] [Super easy for more fun!]
[Hey! easy] mineral [sanitizing] [quality] pool care
Pool care [made easy] with [sanitizing minerals] [mineral sanitizing ions]
Sanitizing mineral pool care
Crystal clear water made easy
Hey! [our new] [cool] pool care with minerals
Uses essential minerals to sanitize and keep pH neutral
Uses sanitizing mineral ions and keeps the pH neutral

Bacteria[!] [fighting] [killing] [sanitizing] mineral ions and [low levels of] [half the] [50% less] chlorine
[protect your family] [and] [leave your water looking sparkling clear and clean]

Bacteria[!] [fighting] [killing] [sanitizing] mineral system+ [protects your family] [and] [leaves your water
looking sparkling clear and clean]

Use only chlorine? Not anymore! [Patented] [Bacteria killing] Minerals [destroy bacteria] reduc[e][ing]
[cuts] chlorine use up to 50%.*

Plop it in – wait til it flips
Plop and flip
Plop it in until it flips
Plop it in – flips when it's out

Plop [it back] in the pool
When it flips, it's time to replace the chlorine [cartridge]
Remove [the empty] & [replace] [twist on] a new [chlorine] cartridge

Hey! less work
Hey! less chlorine
Hey! [less] [saves] money

[Minerals means less is more] [With minerals less is more] – less chlorine and more benefits
[Spend] More or less? It's your choice.

- Spend less time working on your pool
 - No adding chlorine daily or by hand
 - Long lasting cartridges are easy to replace
- Spend less money on "fix-it" chemicals
 - Mineral protection helps prevent problems
 - Less chlorine use equals less chlorine cost
- Use less chlorine than standard pools
 - Water feels softer with less chlorine
 - Prevents bleached suits and smelly odors

Minerals – the insurance policy against a green pool
Minerals keep working even when the chlorine [level drops] [is empty]
Minerals help keep the pool from turning cloudy

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Bacteria doubles every 20 minutes – the Frog System+ [stops bacteria in its tracks] [keeps bacteria at bay] [ends the bacteria growing cycle]

[Better] [Amazing] [Brilliant] [Improved] [Enhanced] [Advanced] [Quality] [First Rate] [First Class] [Excellent] [Superior] Water – pH neutral – sparkling clear

Less [chlorine] [work] [money] [swimsuit [fading] [bleaching]] [monitoring] [worries] [hassles] [bromine] [time] [cost] [daily [duties] [dosing] [odors] [harshness] [over dosing]

More [fun] [enjoyment] [relaxation] [softness] [pleasure] [satisfaction] [gratification] [leisure] [recreation]
We make living the good life easier

Stop! Do not mix with other products or dissolve before use.
Read precautions / first aid statements on label [before using]
Call 7 days a week (8am to 10pm Eastern Time) with questions concerning pool water care
Helpline: Call [866-HTH-POOL] [866-484-7665] toll free or visit hthpools.com
In case of emergency call: 800-654-6911
Customer [call] [care] center: 800-455-4311

[Nothing is easier than] [You can't mess up] plop [in]
[Visit us at] [Learn more at] HeyCoolPool.com
[From] Hey! Cool Pool

[Value Pack] [Contains] [Includes]: 1 [FROG] Mineral [Cartridge] [Complete System] [and] plus #
[Replacement] [Prefilled] Chlorine Cartridge[s]
Complete 2 Part Cartridge System [Inside] [Included] [- Minerals and Chlorine]
[Contains] [Includes] 2 cartridges [(minerals and chlorine)] for 1 complete system
FROG is a complete system of 2 cartridges [- Minerals and Chlorine]
Duo system [of] mineral[s] [+] [and] chlorine [cartridges]

Frog fresh [mineral clean pool care] [clean and easy]
Fresh [mineral] [pool] [spa] [water] care
Great water care value
Refresh your [pool] [spa] with Frog

Frog fresh water is clean water
Freshen up your [pool] [spa] [bottom line] with Frog
No one says fresh like FROG

Frog [keeps water] [does] fresh
Frog makes fresh – [the] mineral pool care for your customers and your business
Fresh ideas [to help grow your business] [only from Frog]

Fresh new [products] [business strategies] bring in new customers while maintaining old customers
With Frog you know [it's] [your [water's] [pool's] [spa's]] fresh
The fresh [alternative to standard water care] [way to good clean fun]

Think Fresh – Think Frog
Think Frog – Think Fresh
Keep your water Frog Fresh
Don't dump it – revive it!
Water starts fresh and stays fresh with Frog
You don't need a new pool, you need Frog [Fresh]

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Frog keeps your pool [spring] fresh water – all summer long
Restore your water with Frog [Fresh]
Revitalize your [backyard fun] [business] with Frog [Fresh] Mineral Pool Care

Summer long value pack
A summer pool care value pack
Complete summer pool care inside the box

C'mon in, the water's [fresh] [clean] [clear] [inviting] [fine]
Flip [plop] Fresh
Flippin' [Frog] Fresh
Fresh as a Frog

So fresh, so clean, so clear [- Frog]
So clean, so clear, so fresh [- Frog]
The universal language of fresh - Frog

More [fresh] [refreshed]
Frog happiness
Fresh, recycle, refresh

Cut on dotted line to open