

# Do not print magenta die line.

Print color: white on a silver cartridge



STATE OF HAWAII  
Department of Agriculture

**ACCEPTED**

LICENSE NO.

**8272.13**

**Directions for Use:** It is a violation of federal law to use this product in a manner inconsistent with its labeling. For use in hot tubs up to 600 gallons. Use the @ease SmartChlor Cartridge with the @ease Mineral Cartridge in the @ease In-Line System. Ensure all hot tub equipment is working properly. The pump and filter should be operated for at least 3 hours per day. Clean filter following manufacturer's directions. May be used with a previously filled hot tub unless it was sanitized with bromine. Then drain and fill hot tub with fresh water. Balance the water according to the water balance guidelines with pH between 7.2 - 7.8 and total alkalinity at 80 to 120 ppm. Begin with a free chlorine residual of 0.5 to 1.0 ppm in the hot tub from FROG Jump Start start-up shock or an EPA approved hot tub chlorine shock following the directions for that product.

**Setting the Output:** The @ease SmartChlor Cartridge is prefilled and adjustable to meet the needs of each hot tub use. Typically @ease In-Line System users will begin on setting 3. Hold the bottom and turn the top of the cartridge until the correct number appears in the setting window.

**Inserting the Cartridge:** Open cap of In-Line System, push down and turn cartridge holder counter-clockwise to unlock. Pull holder out. Snap cartridge into lower section marked "Bromine or SmartChlor". The @ease Mineral Cartridge will be in the top section marked "Minerals." 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 rotate clockwise to lock in place. Replace cap. When using the @ease Mineral Cartridge, maintain a free chlorine level of 0.5 - 1.0 ppm.

**Replacing the Cartridge:** When empty the @ease Test Strips will show a lighter color than the out indicator on the @ease Test Strip label. When this happens remove the @ease SmartChlor Cartridge from the system, drain the water and shake slightly to see if it is empty. Follow disposal instructions and replace with a new @ease SmartChlor Cartridge. Do not discard or recycle cartridge if a small amount of chlorine remains. Place back in the in-line system until completely empty. Shock the hot tub when you replace an @ease SmartChlor Cartridge or once a month. With SmartChlor less shocking is required because it maintains a consistent level of sanitization even when people enter the hot tub.

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

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

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

**PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER** Corrosive. Causes irreversible eye and skin damage. May be fatal if swallowed. Irritating to nose and throat. Avoid breathing dust and fumes. Do not get in eyes, on skin or on clothing. Wear goggles or safety glasses and rubber gloves when handling product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**PHYSICAL AND CHEMICAL HAZARDS: STRONG OXIDIZING AGENT:** Do not mix with other chemicals. Mix only with water. Never add water to product. Always add product to large quantities of water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire and explosion. Contamination with moisture, organic matter or other chemicals will start a chemical reaction and generate heat, hazardous gas, possible fire and explosion. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well-ventilated area. Flood area with large volumes of water.

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

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

Setting  
Window

## @ease™ SmartChlor™ Cartridge

**Active Ingredients:**

1,3-dichloro-5,5-Dimethylhydantoin.....81.1% EPA Reg. No.: 53735-14  
1,3-dichloro-5-ethyl-5-methylhydantoin 16.1% EPA Est. No.: 71209-AZ-001

**Other Ingredients:** .....2.8%  
Total: .....100.0%

### Keep Out of Reach of Children **DANGER**

SEE PRECAUTIONARY STATEMENTS ON BACK PANEL

**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. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

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

**Product Description:** The @ease SmartChlor Cartridge is a revolutionary way to maintain a low level of chlorine tailor made for use with the @ease Mineral Cartridge that reduces chlorine use. Together they make hot tub care a breeze with up to 75% less chlorine\* so the water feels softer and looks crystal clear with no smelly odors, no adding chlorine daily and no weekly shocking. Swimsuit colors stay bright and hot tub surfaces maintain their brilliance longer.

\*Compared to the ANSI minimum recommended chlorine level of 2.0 ppm for a residential hot tub.

Net Wt.: 6.3 ounces (180 grams)

**King Technology, Inc.**

530 11th Ave S, Hopkins, MN 55343

www.KingTechnology.com

Patents: www.KingTechnology.com/IP





FOR HOT TUBS 



# @ease™

## SMARTCHLOR™ CARTRIDGE

Use only with the @ease MINERAL CARTRIDGE in the @ease In-Line Sanitizing System for weeks of low level sanitization

UP TO 75% LESS CHLORINE\*

ONLY SHOCK ONCE A MONTH

\* Compared to the minimum ANSI recommended chlorine level of 2.0 ppm in a residential hot tub.

Side flap goes inside of box.

20-45-1027 E051415553051543C  
Center flap goes outside of box.

Side flap goes inside of box.

@EASE PACKAGING

FILE NAME: 20-45-1027 @EASE IN-LINE SMARTCHLOR HEADER 6.4.2015

STAGE:



cuc@milkbcreative.com  
612.396.6656

CLIENT: KING TECHNOLOGY  
CLIENT CONTACT: LYNN NORD  
PRINTER: ???  
PRINTER CONTACT: ???

**P1**

NEED PROOFS BY:

**0.0.15**

MINERAL  
CARTRIDGE  
LASTS 4 MONTHS

CARTRIDGE  
HOLDER



SMARTCHLOR™  
CARTRIDGE  
LASTS 3-4 WEEKS



Use only with the @ease MINERAL CARTRIDGE in the @ease In-Line Sanitizing System for weeks of low level sanitization

FOR HOT TUBS

SMARTCHLOR™ TECHNOLOGY –

- Up to 75% LESS CHLORINE\* with no frustrating “yo-yo” chlorine levels
- ONLY SHOCK ONCE A MONTH
- SELF REGULATES for continuous crystal clear water
- Easy on hot tub surfaces with LESS ODORS
- Single color match for EASY READING – exclusively with @ease Test Strips

\* Compared to the minimum ANSI recommended chlorine level of 2.0 ppm for a residential hot tub.

20-45-1026 E051415553051543C

800.222.0169

KINGTECHNOLOGY.COM

UP TO 75% LESS CHLORINE\*

ONLY SHOCK ONCE A MONTH

@EASE PACKAGING

FILE NAME: 20-45-1026 @EASE IN-LINE SMARTCHLOR TRAY 6.4.2015

STAGE:



cuc@milkbcreative.com  
612.396.6656

CLIENT: KING TECHNOLOGY  
CLIENT CONTACT: LYNN NORD  
PRINTER: ???  
PRINTER CONTACT: ???

P1

NEED PROOFS BY:  
0.0.15





## In-Line Sanitizing System Operating Instructions

### Congratulations!

Your hot tub came with a complete mineral and chlorine sanitation system. When using the patented @ease™ Mineral Cartridge with the proprietary @ease™ SmartChlor™ Cartridge, you'll enjoy your hot tub more with less work and less chlorine.

#### **Less Work Because:**

- The @ease Mineral System+ continuously works to control bacteria for four full months.
- Cartridges last longer to eliminate daily maintenance.
- Cartridges are pre-filled for no measuring or mess.
- Simply adjust to your setting and relax for weeks.

#### **Less Chlorine Because:**

- With minerals in the water, chlorine use is cut by up to 75%\*.
- It's precisely metered over 3 to 4 weeks so it lasts longer than daily spoon feeding.
- With minerals and low levels of chlorine, the water feels softer.
- The system reduces odors and leaves the water crystal clear.

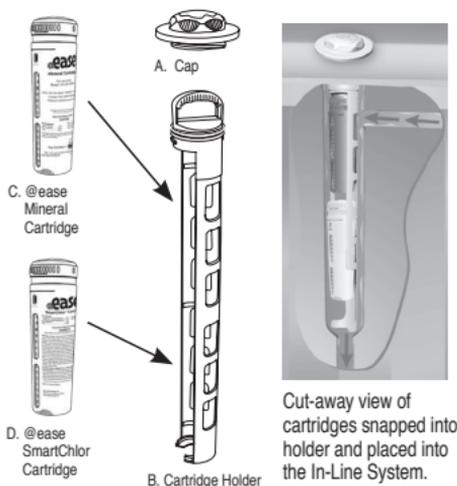
You're going to love your @ease System. If you have any questions, contact our Customer Service Representatives at 800-222-0169.

+ @ease System consists of the FROG® minerals silver chloride and carbonate used with 0.5 ppm of @ease Smart-Chlor Cartridge. The @ease Mineral Cartridge must be used in conjunction with the @ease SmartChlor Cartridge (EPA Reg. No. 53735-14).

\* Compared to the minimum ANSI recommended chlorine level of 2.0 ppm for a hot tub.

## The Complete In-Line System

The In-Line System is made up of (A) a cap that is easily distinguishable among the fittings on the top of the hot tub, (B) a cartridge holder that pulls out of the system, (C) a mineral cartridge that helps control bacteria in the water and (D) an @ease SmartChlor Cartridge that helps support the minerals while oxidizing contaminants like body oils and ammonia compounds responsible for smelly chloramines. The cartridges are adjustable to meet your specific hot tub water care needs.



## Start up

Follow all directions from your hot tub manufacturer on filling and balancing the water in your hot tub. Standard guidelines for balancing the water are as follows:

- Use @ease Test Strips that came with your kit to routinely check your pH, Total Alkalinity and Calcium Hardness. Once the SmartChlor Cartridge is in the system, it will maintain the free chlorine level of 0.5 to 1.0 ppm. pH is affected by bather load, chemical usage, evaporation and the make-up of your source water.



- Use a metal out or sequestering agent if fill water is high in metals. Wait 24 hours before continuing start up.

- **Very Important!** Before using cartridges, establish an initial residual of 0.5 -1.0 ppm free chlorine with FROG® Jump Start® start-up shock, that came in this package, that quickly dissolves with an



### Water Balance Guidelines

pH	7.2 – 7.8
Total Alkalinity:	80 – 120 ppm
Calcium Hardness:	150 – 250
Total Dissolved Solids:	<1500
*Free Chlorine:	0.5 – 1.0 ppm

\*NOTE: Free chlorine levels are reduced up to 75%\* when using @ease minerals

effervescent fizzing action – one packet per 500 gallons. Do not use a non-chlorine shock as it cannot establish a chlorine residual. Do NOT add through the In-Line System.

- When hot tub reaches operating temperature per your hot tub manufacturer's directions, remove the shrink wrap from both cartridges. Set the @ease Mineral and SmartChlor Cartridges according to directions on page 3-4 and insert them into the System.



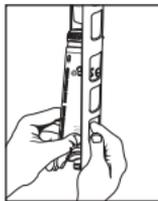
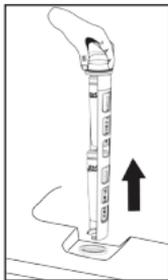
- Begin regular hot tub care procedures as soon as start-up is complete.

## Replacing Cartridges

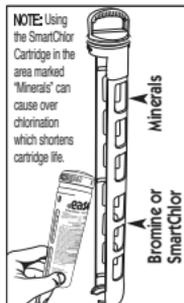
- Open cap of In-Line System and set aside.
- Remove holder by pushing down and turning counterclockwise before pulling out.
- Remove spent cartridges by pushing bottom out through openings in back of holder. Then grab cartridge and pull out.



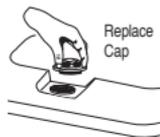
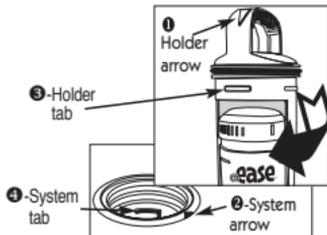
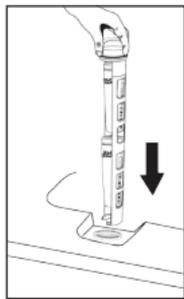
DO NOT OPEN  
CAP WHILE JETS  
ARE ON.



- Snap the @ease Mineral Cartridge into the area marked "Minerals" (top portion) and the @ease SmartChlor into the area marked "Bromine or SmartChlor" (bottom portion) making sure to line up the indentation at the top of the cartridges with the raised area on the holder.



- Slowly insert holder into system (see diagrams). Line up holder arrow-1 with system arrow-2. Push down until holder tabs-3 go past system tabs-4 and turn holder to the right (clockwise) until it stops. To ensure a locked position, attempt to pull holder up. If it stays in place, the lock is secure.



## Adjusting and When to Replace @ease Mineral Cartridge:

- Set the @ease Mineral Cartridge wide open on #6 by holding the bottom and turning the top until the number 6 appears in the setting window. No further adjustments are necessary.



- The @ease Mineral Cartridge must be replaced every 4 months. After four months of use, or when draining and refilling the hot tub with fresh water, discard @ease Mineral Cartridge in trash even if, upon shaking, it appears there is spent media left inside. Once wetted the time released minerals in the cartridge are effective up to four months. Do not attempt to reuse the product once removed from the hot tub. (See hot tub manufacturer's draining recommendations.)

## Adjusting & When to Replace @ease SmartChlor Cartridge:

The @ease SmartChlor Cartridge will maintain a low 0.5 to 1.0 ppm chlorine level as long as the pH stays within 7.2 and 7.8 so there is little need to adjust the cartridge setting.

Begin with an initial setting based on chart below.

### Initial Start-Up Settings

Daily Filter Time	Hot Tub Size (gallons)			
	250-300	300-400	400-500	500-600
One hour	2	3	4	5
Two hours	2	2	3	4
Four hours	1	2	2	4
24 hour @ low flow	1	2	2	4

### Regular Hot Tub Care Procedures: Always follow the directions for operating your particular hot tub.

- Run filtration system as directed by your hot tub manufacturer to maintain proper water flow through the @ease In-Line System or at least 3 hours per day.



- Periodically test water for pH, Total Alkalinity, Calcium Hardness and chlorine levels with the precise @ease Test Strips that include special directions for using with @ease products.

The @ease SmartChlor Cartridge forms a chlorine reserve that is measured as total chlorine on a standard test strip/kit. This chlorine reserve readily shifts to free chlorine as needed to maintain our recommended low level

of chlorine. Based on average hot tub usage, chlorine will last about 3-4 weeks for hot tubs of 400 gallons.

The @ease SmartChlor Cartridge needs to be replaced when empty. Drain water from the cartridge and ensure it is empty before discarding in trash or offering for recycling. On most hot tubs, it will last between 3 and 4 weeks. Always maintain at least 0.5 ppm free chlorine level.

of chlorine. Based on average hot tub usage, chlorine will last about 3-4 weeks for hot tubs of 400 gallons.



- Shock the hot tub with a non-chlorine shock when you replace the @ease SmartChlor Cartridge or once a month or if the water looks cloudy. With @ease SmartChlor, far less shocking is required compared to standard water treatments that require weekly shocking or shocking after every use.

of chlorine. Based on average hot tub usage, chlorine will last about 3-4 weeks for hot tubs of 400 gallons.

- Remember to replace your @ease Mineral Cartridge and @ease SmartChlor Cartridge as directed under "Adjusting and When to Replace".

- Lubricate o-ring twice a year with a silicone lubricant.



### Manufactured by: King Technology, Inc.

530 11th Ave S, Hopkins, MN 55343 U.S.A.

952-933-6118 • 800-222-0169 • FAX 952-933-2206

www.KingTechnology.com Patents: www.KingTechnology.com/IP



The Association of  
Pool & Spa Professionals™

20-48-0193

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STATE OF HAWAII  
Department of Agriculture  
**ACCEPTED**  
LICENSE NO.

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**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. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

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

**PRECAUTIONARY STATEMENTS:**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER:** Corrosive. Causes irreversible eye and skin damage. May be fatal if swallowed, irritating to nose and throat. Avoid breathing dust and fumes. Do not get in eyes, on skin or on clothing. Wear goggles or safety glasses and rubber gloves when handling product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using toilet. Remove and wash contaminated clothing before reuse.

**PHYSICAL AND CHEMICAL HAZARDS, STRONG OXIDIZING AGENT:** Do not mix with other chemicals. Mix only with water. Never add water to product. Always add product to large quantities of water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire and explosion. Contamination with moisture, organic matter or other chemicals will start a chemical reaction and generate heat, hazardous gas, possible fire and explosion. In case of contamination or decomposition, do not resal container. If possible, isolate container in open air or well-ventilated area. Flood area with large volumes of water.

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

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

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

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

20-45-2040 E051415553051543C



# @ease™

## SMARTCHLOR™ CARTRIDGE

Use only with the @ease MINERAL CARTRIDGE  
in the @ease Floating Sanitizing System   
for weeks of low level sanitization

**1 REPLACEMENT CARTRIDGE FOR HOT TUBS**

**UP TO 75% LESS CHLORINE\***

**LASTS 3-4 WEEKS**

**1 @ease REPLACEMENT SMARTCHLOR™ CARTRIDGE 800.222.0169 KINGTECHNOLOGY.COM**

**Keep Out of Reach of Children DANGER**  
**SEE FIRST AID AND PRECAUTIONARY STATEMENTS ON BACK PANEL**

Active Ingredients:  
1,3-dichloro-5,5-Dimethylhydantoin..... 81.1%  
1,3-dichloro-5-ethyl-5-methylhydantoin..... 16.1%  
Other Ingredients:..... 2.8%  
Total:..... 100.0%  
EPA Reg. No.: 53735-14  
EPA Est. No.: 71209-AZ-001  
Net Wt.: 6.35 ozs / 180 gms

**PRODUCT DESCRIPTION:** The @ease™ SmartChlor™ Cartridge is a revolutionary way to maintain a low level of chlorine tailor made for use with the @ease Mineral Cartridge that reduces chlorine use. Together they make hot tub care a breeze with up to 75% less chlorine\* so the water feels softer and looks crystal clear with no smelly odors, no adding chlorine daily and no weekly shocking. Swimsuit colors stay bright and hot tub surfaces maintain their brilliance longer.

**DIRECTIONS FOR USE:** It is a violation of federal law to use this product in a manner inconsistent with its labeling.

For use in hot tubs up to 600 gallons. Use only with the @ease Mineral Cartridge. Ensure all hot tub equipment is working properly. Operate the pump and filter for at least 3 hours per day. Clean filter following manufacturer's directions. May be used with a previously filled hot tub unless it was sanitized with bromine. Then drain and fill hot tub with fresh water.

**START UP:** Balance the water according to the water balance guidelines with pH between 7.2 – 7.8 and Total Alkalinity at 80 to 120 ppm. Establish a free chlorine residual of 0.5 to 1.0 ppm in the hot tub with Frog® Jump Start® start-up shock or an EPA approved hot tub chlorine shock following the directions for that product. When using other products as outlined in directions for this product, always follow directions on those products.

\* Compared to the ANSI minimum recommended chlorine level of 2.0 ppm for a residential hot tub.

**TO ASSEMBLE:**

- Remove outer packaging
- Peel off protective seal from the flat part of the SmartChlor cartridge
- Align arrows on blue mineral cartridge and silver chlorine cartridge
- Push together and twist to lock
- Set the dial on the chlorine cartridge (see Setting Chart in manual)
- Place entire system in the hot tub water
- Shock the hot tub when replacing SmartChlor Cartridge or once a month

**REPLACING THE CARTRIDGE:** When the system flips over, replace the SmartChlor Cartridge by rotating the two cartridges until the arrows align and pull apart. Drain the water from the old SmartChlor Cartridge and shake slightly to see if it is empty. Follow disposal instructions and replace with a new SmartChlor Cartridge. Do not discard or recycle cartridge if a small amount of chlorine remains. Place in the hot tub to float on its own until completely empty.

Keeping the pH in the proper range of 7.2 to 7.8 will allow SmartChlor to keep the free chlorine level between 0.5 and 1.0 ppm with little adjusting.

With SmartChlor less shocking is required because it maintains a consistent level of sanitization even when people enter the hot tub.

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

**KING TECHNOLOGY, INC. 530 11TH AVENUE SOUTH HOPKINS, MN 55343 WWW.KINGTECHNOLOGY.COM**

Patents: www.KingTechnology.com/IP



8272.13

**Keep Out of Reach of Children  
DANGER**

EPA Reg. No. 53725-14  
EPA Est. No. 71209-02-001  
Net Wt. 6.53 oz / 180 gms per cartridge (x3)

**PRODUCT DESCRIPTION:** The @ease™ SmartChlor™ Cartridge is a revolutionary way to maintain a low level of chlorine tailor made for use with the @ease Mineral Cartridge that reduces chlorine use. Together they make hot tub care a breeze with up to 75% less chlorine\* so the water feels softer and looks crystal clear with no stinky odors, no adding chlorine daily and no weekly shocking. Swimsuit colors stay bright and hot tub surfaces maintain their brilliance longer.

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**STORAGE AND DISPOSAL:** Do not contaminate food or feed by storage and disposal.

**Pesticide Storage:** Keep this product dry in original tightly closed container when not in use. Store in a cool, dry, well-ventilated area away from heat. Moisture may decompose this product and cause a violent reaction leading to fire and explosion. In case of decomposition, isolate container if possible and flood area with large amounts of water to dissolve material before discarding this container.

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

**NOTE:** Buyer assumes all responsibility for safety and use not in accordance with directions.  
\* Compared to the ANSI minimum recommended chlorine level of 2.0 ppm for a residential hot tub.

**IN CASE OF MEDICAL EMERGENCY CALL 1-800-824-9300 KING TECHNOLOGY, INC. 530 11TH AVENUE SOUTH HOPKINS, MN 55343 Patents: www.KingTechnology.com/JP**



**KIT CONTAINS**



**3 REPLACEMENT**



**SMARTCHLOR™ CARTRIDGES**



**SMARTCHLOR™  
CARTRIDGE  
LASTS 3-4 WEEKS**



**KIT CONTAINS 3 SMARTCHLOR™ CARTRIDGES**

**FLOATS  
in hot tub**



**FLIPS over  
when the  
SmartChlor  
Cartridge  
is empty**



**3 REPLACEMENT CARTRIDGES  
FOR HOT TUBS**



**SMARTCHLOR™ CARTRIDGE**

Use only with the @ease MINERAL CARTRIDGE

in the @ease Floating Sanitizing System

for weeks of low level sanitization

**UP TO 75% LESS CHLORINE\* LASTS 3-4 WEEKS**

**3 @ease REPLACEMENT SMARTCHLOR™ CARTRIDGES**

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

Active Ingredients:  
1,3-dichloro-5,5-Dimethylhydantoin... 81.1%  
1,3-Dichloro-5-ethyl-5-methylhydantoin... 16.1%  
Other Ingredients... 2.8%  
Total... 100.0%

**SMARTCHLOR™ TECHNOLOGY**

**75%** Up to 75% LESS CHLORINE\* with no frustrating "yo-yo" chlorine levels

**ONLY SHOCK ONCE A MONTH**

**SELF REGULATES** for continuous crystal clear water

**Easy on hot tub surfaces with LESS ODORS**

**Single color match for EASY READING**  
— exclusively with @ease Test Strips

**LEARN MORE AT KINGTECHNOLOGY.COM**

**800.222.0169 KINGTECHNOLOGY.COM**

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20-44-1080

KING022\_V2\_R3



**SOFT TOUCH**



**@ease™ Mineral Cartridge**  
 Active Ingredient: Silver Chlorine ..... 0.5%  
 Other Ingredients: ..... 99.5%  
 Total: ..... 100.0%  
 Net Wt. 2.45 oz / 69 gms  
 EPA Reg. No. 53735-11  
 See Enclosed Instruction Manual for Complete Directions for Use

**@ease™ SmartChlor™ Cartridge**  
 Active Ingredients: 1,3-dichloro-5,5-dimethylhydantoin ..... 81.1%  
 1,3-dichloro-5,5-dimethylhydantoin ..... 16.1%  
 Other Ingredients: ..... 2.2%  
 Total: ..... 100.0%  
 EPA Reg. No. 53735-14 Net Wt.: 1.83 oz / 51.00 gms  
 See Enclosed Instruction Manual for Complete Directions for Use

**Keep Out of Reach of Children  
 DANGER**

NOTE: These assumes all responsibility for safety and use not in accordance with directions.

**FROG® JUMP START™**  
 Active Ingredients: Sodium dichloro-s-bisphalates ..... 33.0%  
 Other Ingredients: ..... 67.0%  
 Total: ..... 100.0%  
 EPA Reg. No. 53735-12 Net Wt.: 1.5 oz / 43 gms  
 See Enclosed Product Label for Complete Directions for Use

**Keep Out of Reach of Children  
 DANGER**

PRODUCT DESCRIPTION: This product perfectly accompanies the @ease Floating Sanitizing System or the @ease System by starting up a freshly filled spa with an initial chlorine level. The subsequent action helps the chlorine dissipate faster and the spa stays up its working level for best results. Use FROG Jump Start after balancing the water, and before using your @ease System.

ES16145: reuse or refill this container. Offer for recycling if available. Recycle thoroughly before recycling or discarding in trash.

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

**Keep Out of Reach of Children  
 CAUTION**

**PRODUCT DESCRIPTION:** The @ease SmartChlor Cartridge is a revolutionary way to maintain a low level of chlorine water usage for use with the @ease Mineral Cartridge that reduces chlorine use. Together they make hot tub care a breeze with up to 75% less chlorine\* so the water feels softer and looks crystal clear with no smell, plus no adding chlorine tabs and no weekly shocking. Smartest color strip bright and hot tub surfaces maintain their brilliance longer. **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 a 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 Inhales:** 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. **Hale to Physicians:** Probable mucosal damage may contraindicate the use of gastric lavage. Measure against circulatory shock, respiratory depression, and convulsions may be needed. **PRECAUTIONARY STATEMENTS-HAZARDS TO HUMANS AND DOMESTIC ANIMALS-DANGER:** Corrosive. Causes irreversible eye and skin damage. May be fatal if swallowed. Irritating to nose and throat. Avoid breathing dust and fumes. Do not get in eyes, on skin or on clothes. Wear goggles or safety glasses and rubber gloves when handling product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. **PHYSICAL AND CHEMICAL HAZARDS: STRONG OXIDIZING AGENT:** Do not mix with other chemicals. Mix only with water. Never add water to product. Always add product to large quantities of water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of other product. Such use may cause a violent reaction leading to fire and explosion. Combustion with moisture, organic matter or other chemicals will start a chemical reaction and generate heat, hazardous gas, possible fire and explosion. In case of contamination or decomposition, do not reuse container if possible. Handle container in open or well-ventilated area. Fumes may be large volumes of water. **ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic organisms.

**STORAGE AND DISPOSAL:** Do not contaminate food or feed by storage and disposal. **Pesticide Storage:** Keep this product in a closed, tightly covered container when not in use. Store in a cool, dry, well-ventilated area away from heat. Avoid reuse of containers. This product and cause a violent reaction leading to fire and explosion. In case of decomposition, isolate container if possible and flood area with large amounts of water to dissipate residues before discarding this container. **Container Handling:** Re-use/refillable container. Do not reuse or refill this container. Offer for recycling if available. Recycle thoroughly before recycling or discarding in trash.

**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 a poison control center or doctor 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. **Hale to Physicians:** Probable mucosal damage may contraindicate the use of gastric lavage. **PRECAUTIONARY STATEMENTS-HAZARDS TO HUMANS AND DOMESTIC ANIMALS-DANGER:** Corrosive. Causes irreversible eye and skin damage. May be fatal if swallowed or absorbed through skin. May be fatal if inhaled. Do not breathe dust or vapors. Irritating to nose and throat. Do not get in eyes, on skin or on clothing. Wear goggles or safety glasses and rubber gloves when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. **PHYSICAL AND CHEMICAL HAZARDS:** Corrosive. Strong oxidizing agent. Use only clean dry utensils. Mix only into water. Combustion with moisture, organic matter or other chemicals including other hot tub chemicals or any other foreign matter may start a chemical reaction with generation of heat. Reaction of hazardous gases and possible fire and explosion. Avoid any contact with flammable or burning material such as a lit cigarette. Do not use this product in any dispensing device which has been used with any organic or combustible oxidizing compounds (e.g., calcium hypochlorite). Such use may cause fire or explosion. **ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic organisms.

**STORAGE AND DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. **Product Storage:** Keep this product in a tightly sealed container when not in use. Store in a cool, dry well-ventilated area away from heat or open flame. In case of decomposition, isolate container if possible and flood area with large amounts of water to dissipate all material before discarding. **Container Handling:** Re-use/refillable container. Do not reuse or refill this container. Offer for recycling if available. Recycle thoroughly before recycling or discarding in trash.

**ES16145:** reuse or refill this container. Offer for recycling if available. Recycle thoroughly before recycling or discarding in trash.



An exclusive water care system from FROG® that delivers 4 PRIMARY ADVANTAGES

**CLEANER** because it kills bacteria 2 ways — with minerals and a low level of chlorine

Minerals help keep the pH balanced for **CLEARER** water that shines

Minerals condition the water for a **SOFTER** feel

Cartridges are pre-filled for no mess, no guess, no stress. Making maintenance — **EASIER**



FLIPS over when the SmartChlor Cartridge is empty



FOR HOT TUBS

KEEP OUT OF REACH OF CHILDREN  
 DANGER



FLOATING SANITIZING SYSTEM\*  
 FRESH MINERAL WATER™ with SMARTCHLOR™ TECHNOLOGY

**SMARTCHLOR™ TECHNOLOGY**

- Up to 75% LESS CHLORINE\* with no frustrating "yo-yo" chlorine levels
- ONLY SHOCK ONCE A MONTH
- SELF REGULATES for continuous crystal clear water
- Easy on hot tub surfaces with LESS ODORS
- Single color match for EASY READING — exclusively with @ease Test Strips

LEARN MORE AT [FRESHMINERALWATER.COM](http://FRESHMINERALWATER.COM) PLUS 30 @ease TEST STRIPS & 1 FROG® JUMP START™ FOR "START-UP SHOCK" 800.222.0169 KINGTECHNOLOGY.COM

553051543C 20-44-4001



 cuc@milkboncreative.com 612.396.6656	FILE NAME: 20-44-4001 @EASE FLOATING SYSTEM CARTON	6.4.2015 6.9.2015 6.25.2015 6.26.2015 8.17.2015 8.19.2015 9.24.15	STAGE: <b>P4</b> NEED PROOFS BY: <b>0.0.15</b>
	CLIENT: KING TECHNOLOGY CLIENT CONTACT: LYNN NORD PRINTER: AMERICRAFT CARTON PRINTER CONTACT: ???		

# @ease™ Floating Sanitizing System Operation Instructions

This is not a toy. For sanitizing hot tubs only!

Welcome to Fresh Mineral Water® with SmartChlor™ Technology courtesy of FROG®. This hot tub water care system+ destroys bacteria to keep your hot tub clean with less work and up to 75% less chlorine.\*

There are two cartridges – the top one holds our patented mineral formula while the bottom one has a different kind of chlorine that is smart about when it's needed and when it's not. Simply connect the two cartridges and toss into the hot tub. Everything is pre-filled and contained for no mess, no guess and no stress hot tub care. The best part is it flips over when it's time to replace the chlorine cartridge.

Register your @ease™ Floating Sanitizing System at [KingTechnology.com](http://KingTechnology.com)

## Hot Tub Start Up

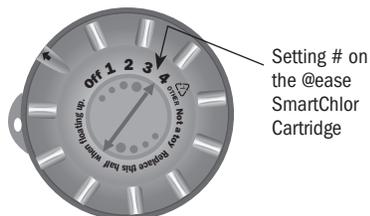
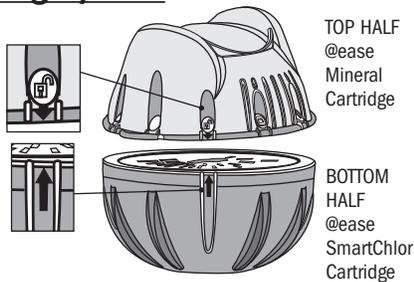
- Always drain and refill hot tub at least every 4 months. If previously using bromine and switching to @ease SmartChlor, you must drain and refill your hot tub first. If previously using dichlor you may convert to SmartChlor without having to drain the hot tub.
- Clean and replace filter cartridges when dirty (Follow manufacturer's instructions).
- Use @ease™ Test Strips included in the package to balance your pH, Total Alkalinity and Calcium Hardness according to the Water Balance Guidelines. This hot tub system will maintain the free chlorine level of 0.5 to 1.0 ppm. pH is affected by bather load, chemical usage, evaporation and the make-up of your source water.
- Heat water to recommended temperature before using cartridges.
- Very Important!** Before using cartridges, establish an initial residual of 0.5 - 1.0 ppm free chlorine with FROG® Jump Start™ start-up shock, included in this package, that quickly dissolves with an effervescent fizzing action – one packet per 500 gallons.

WATER BALANCE GUIDELINES	
pH:	7.2 – 7.8
Total Alkalinity:	80 - 120 ppm
Calcium Hardness:	150-250
Total Dissolved Solids:	<1500
Free Chlorine:	0.5-1.0 ppm
Note: Free Chlorine levels are reduced up to 75%* when using FROG minerals	



## Using the @ease Floating System

- Remove outer packaging from both the mineral and chlorine cartridges and while holding the @ease SmartChlor Cartridge over the hot tub, remove the protective seal and allow any loose particles to fall into the water. Bring the two cartridges together and line up the arrows. Push together and twist to lock.
- Twist the dial on the bottom cartridge to the setting number for your hot tub size (see chart).



@ease Setting Chart	
Gallons	Setting #
200	1
300	2
400	2
500	3
600	4

- Once set, simply toss it into the hot tub.
- Follow regular hot tub water care procedures below.

## Replacing the @ease SmartChlor Disinfectant Cartridge

When the product is almost empty, it will slowly flip over giving you notice that it's about time to replace the @ease SmartChlor Cartridge. If it stays on its side longer than a day or two, pull unit out of the water and let it drain. Reset it in the water to see if it flips completely.



When it completely flips over replace by rotating the two cartridges until the arrow on the @ease SmartChlor Chlorine Cartridge aligns with the unlock symbol on the @ease Mineral Cartridge and pull apart. Follow "Using the @ease Floating System" directions for attaching a new chlorine cartridge.



Do not remove the @ease SmartChlor Cartridge until the system has completely flipped. If the chlorine cartridge still contains a small amount of chlorine after the system has flipped over, place in the hot tub alone until completely empty. Do not allow the @ease SmartChlor Cartridge to sink to the bottom or bleaching of the hot tub surface could occur. When completely empty, discard in trash or offer for recycling.

## Regular Hot Tub Care



1. Run filtration system as recommended by your hot tub manufacturer or at least 3 hours per day.



2. Periodically test the water for pH, Total Alkalinity, Calcium Hardness and chlorine levels with the precise @ease™ Test Strips that include special directions for using with these products. The @ease SmartChlor Cartridge forms a chlorine reserve that is measured as total chlorine on a standard test strip/kit. This chlorine reserve readily shifts to free chlorine as needed to maintain our recommended low level of chlorine. Based on average hot tub usage, chlorine will last about 3-4 weeks for hot tubs of 400 gallons.



3. Shock the hot tub with a non-chlorine shock when you replace the @ease SmartChlor Cartridge or once a month or if the water looks cloudy. With @ease SmartChlor Cartridge, far less shocking is required compared to standard water treatments that require weekly shocking or shocking after every use.



4. Replace the @ease SmartChlor Cartridge when the system flips over. Replace the complete @ease Floating System every four months or when draining and refilling the hot tub. Even if, upon shaking the mineral cartridge, it appears there is spent media left inside, once wetted the time released minerals in the cartridge are effective up to four months.

NOTE: This product may be removed from the hot tub when in use. Lift out of the water and let drain into the hot tub. Then place on any surface that is not susceptible to bleaching from the chlorine. Remember to replace the product once exiting the hot tub.

+ @ease System consists of the FROG minerals silver chloride and carbonate used with 0.5 ppm of @ease SmartChlor Cartridge. The @ease Mineral Cartridge must be used in conjunction with the @ease SmartChlor Cartridge (EPA Reg. No. 53735-14).  
\* Compared to the minimum ANSI recommended chlorine level of 2.0 ppm for a hot tub.

# @ease™ Mineral Cartridge

Active Ingredient:  
Silver Chloride ..... 0.5%  
Other Ingredients: .... 99.5%  
Total: ..... 100.0%



EPA Reg. No. 53735-11  
EPA Est. No. 71209-AZ-001

8272.12

KEEP OUT OF REACH OF CHILDREN

## CAUTION

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

**Directions for Use:** For use in hot tubs up to 600 gallons. Use with the @ease SmartChlor Cartridge. Ensure all hot tub equipment is working properly. Operate the pump and filter for at least 3 hours per day. Clean filter following manufacturer's directions. May be used with a previously filled hot tub unless it was sanitized with bromine. Then drain and fill the hot tub with fresh water.

**Start-up:** Balance the water according to the water balance guidelines with pH between 7.2 – 7.8 and total alkalinity at 80 to 120 ppm. Establish a free chlorine residual of 0.5 to 1.0 ppm in the hot tub with Frog Jump Start start-up shock or an EPA approved hot tub chlorine shock following the directions for that product. When using other products as outlined in directions for this product, always follow directions on those products.

### To assemble:

- Remove outer packaging
- Peel off protective seal from the flat part of the @ease SmartChlor Cartridge
- Align arrows on blue mineral cartridge and silver chlorine cartridge
- Push together and twist to lock
- Set the dial on the chlorine cartridge (see Setting Chart in manual)
- Place entire system in the hot tub water.
- Shock the hot tub when replacing an @ease SmartChlor Cartridge or once a month

**Replacing the Cartridges:** Replace the @ease SmartChlor Cartridge when the system flips over. Follow label directions carefully. After four months or when draining and refilling the hot tub, replace the @ease System.

# @ease™ SmartChlor™ Cartridge

Active Ingredients:  
1.3-dichloro-5, 5-Dimethylhydantoin ..... 81.1%  
1.3-dichloro-5-ethyl-5-methylhydantoin .... 16.1%  
Other Ingredients: ..... 2.8%  
Total: ..... 100.0%



EPA Reg. No. 53735-14  
EPA Est. No. 71209-AZ-001

8272.13

KEEP OUT OF REACH OF CHILDREN

## DANGER

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

**Directions for Use:** For use in hot tubs up to 600 gallons. Use with the @ease SmartChlor Cartridge. Ensure all hot tub equipment is working properly. Operate the pump and filter for at least 3 hours per day. Clean filter following manufacturer's directions. May be used with a previously filled hot tub unless it was sanitized with bromine. Then drain and fill the hot tub with fresh water.

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- Peel off protective seal from the flat part of the @ease SmartChlor Cartridge
- Align arrows on blue mineral cartridge and silver chlorine cartridge
- Push together and twist to lock
- Set the dial on the chlorine cartridge (see Setting Chart in manual)
- Place entire system in the hot tub water.
- Shock the hot tub when replacing an @ease SmartChlor Cartridge or once a month

**Replacing the Cartridges:** When the system flips over, replace the @ease SmartChlor Cartridge by rotating the two cartridges until the arrows align and pull apart. Drain the water from the old @ease SmartChlor Cartridge and shake slightly to see if it is empty. Follow disposal instructions and replace with a new @ease SmartChlor Cartridge. Do not discard or recycle cartridge if a small amount of chlorine remains. Place in the hot tub to float on its own until completely empty

- Keeping the pH in the proper range of 7.2 to 7.8 will allow the @ease SmartChlor Cartridge to keep the free chlorine level between 0.5 and 1.0 ppm with little adjusting.
- With the @ease SmartChlor Cartridge less shocking is required because it maintains a consistent level of sanitization even when people enter the hot tub.

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