67262-17

10/21/2010



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

October 21, 2010

Mark Jernigan Regulatory Affairs Manager Recreation Water Products, Inc. P.O. Box 1449, Buford, GA 30515-1449 OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION 1/25



Subject: RWP Master Trichloro Compacted EPA Reg.#: 67262-17 Notification Date: October 07, 2010 Receipt Date: October 13, 2010

Dear Mr. Jernigan:

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

#### **Proposed Notification:**

Add optional direction with diagrams/graphics on how to open the product using Ropak container for "RWP Master Trichloro Compacted" (EPA Reg# 67262-17).

#### **General Comment:**

Based on the review of the material submitted, the optional direction with diagrams/graphics on how to open the product using Ropak container for "RWP Master Trichloro Compacted" (EPA Reg# 67262-17) is acceptable.

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

If you have further question on this letter, please contact David Liem at 703-305-1284 or by email at <u>liem.david@epa.gov</u>

Sincerely

Wanda Y. Henson Acting Product Manager (32) Regulatory Management Branch II Antimicrobial Division (7510P)

SEPA	Environmenta	United States I Protection ington, DC 2046				stration ndment	OPP Identifier	Number
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#### EPA Registration Number: 67262-17

Product: RWP Master Trichloro Compacted

Application for Pesticide dated: October 7, 2010

Section - II Explanation (Continued)

Notification of add optional diagrams demonstrating how to open product container per PR Notice 98-10, Section II (Labeling Notifications), Part H (Use of Symbols and Graphics).

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.

Mark Jernigan 10/7/10

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October 7, 2010

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

#### Re: RWP Master Trichloro Compacted EPA Registration No.: 67262-17

Dear Sir/Madam:

Please process the enclosed notification for the above referenced product.

The purpose of this notification is to add optional diagrams demonstrating how to open product container.

Enclosed are:

- 1. Application for Pesticide (EPA Form 8570-1);
- 2. Notification Certification Statement; and
- 3. Copy of Label with addition marked (page 21).

If you have any questions, please call me at 678-502-4149 or mark.jernigan@chemtura.com.

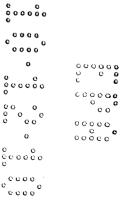
Thank you for your attention to this matter.

Sincerely,

Mark Jernigan

Regulatory Affairs Manager

Enclosures



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{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.}

#### RWP MASTER TRICHLORO COMPACTED

ACTIVE INGREDIENT: Trichloro-s-triazinetrione OTHER INGREDIENTS TOTAL INGREDIENTS

99.0% 1.0% 100.0%

(Available Chlorine: 90%)

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NOTIFICATION Date Reviewed: 10/21/2010 Reviewed By: WIRACING

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# KEEP OUT OF REACH OF CHILDREN **DANGER**

See [back] [side] panel for First Aid and additional precautionary statements.

MANUFACTURED FOR: RECREATIONAL WATER PRODUCTS PO BOX 1449 BUFORD, GEORGIA 30515

EPA REG. NO. 67262-17 EPA EST. NO. 5185-GA-1

NET CONTENTS: {as indicated on container}

[What?] {For use on front panel of label as a header above/beside product name.}

[Why?] {For use on front panel of label as a header above/beside marketing statements chosen from accepted label text that relates to the consumer features and benefits of product.}

{Optional marketing statements that may be used with pool sanitization with any of t	he product forms
on this label.}	
[Slow-Dissolving Sanitizer]	L
[Kills Bacteria]	(ες. ι (ες.
[Controls Bacteria and Algae]	
[Controls Algae]	ίις, 1 ( ζ ζ τ είς, ί τ
[Kills Bacteria and Controls Algae]	
[With built-in Sunlight Protector]	e c e ce
[with SUNSHIELD <sup>™</sup> ]	
[with SUNSHIELD <sup>™</sup> Protects chlorine from sunlight, so you use less]	(
[Keeps water clean]	٤
	с с с с с с с с с с с с

5 25 [When?] {For use on front panel of label as a header above/beside text chosen from accepted label text that relates to the consumer anticipated frequency of product use.} [2 X a week\*]

÷,

[\*Approximate addition rate. Please refer to directions for use.]

{The "Pool Essentials System" box below may be placed on the label to allow easy product category identification by consumers.}

Pool Essentials System		<b>O</b> chlorinate	Shock	algaecide	
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{The "4-step System" box below may be placed on the label to allow easy product category identification by consumers.}

4-step System	$\mathbf{\circ}$	<b>V</b> chlorinate	$\sim$		
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[Made in USA]

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{Optional marketing statements that may be used with pool sanitization with 1 inch tablets.} [Stabilized Chlorinator]

[Concentrated, Stabilized, Slow-Dissolving Sanitizer for convenient use in above ground and inground pools]

[Concentrated, Slow-Dissolving Sanitizer for Routine Use in Automatic Feeders and Float Rings] [Concentrated, Slow-Dissolving Sanitizer for Routine Use in Automatic Feeders and Floaters]

{Optional marketing statements that may be used with pool sanitization with 3 inch tablets.} [Stabilized Chlorinator]

[Concentrated, Stabilized, Slow-Dissolving Sanitizer for convenient use in above ground and inground pools]

[Concentrated, Slow-Dissolving Sanitizer for Routine Use in Automatic Feeders, Floaters or Plastic Skimmers]

[Contains Approximately [x] 3" Tablets] {Where x equals the approximate number of tablets in container, depending on size.}

{Optional marketing statements that may be used with pool sanitization with sticks.} [Stabilized Chlorinator]

[Concentrated, Stabilized, Slow-Dissolving Sanitizer for convenient use in above ground and inground pools]

[Concentrated, Slow-Dissolving Sanitizer for Routine Use in Automatic Feeders, Floaters or Plastic Skimmers]

{Optional marketing statements that may be used with pool sanitization with pool floater sanitization.}

[Stabilized Chlorinator]

[Concentrated, Stabilized, Slow-Dissolving Sanitizer for convenient use in above ground and inground pools]

{Optional marketing statements that may be used with pool cartridge sanitization.}
[Stabilized Chlorinator]
[Type "E"]
[Fits E-Z Chlor and Sun Automatic Chlorinators]
[Concentrated, Stabilized, Slow-Dissolving Sanitizer for convenient use in above ground and inground pools]

{Optional marketing statements that may be used with Stabilized Chlorine Cartridge and Chlorinating Cartridge Type E.} [Stabilized Chlorinator] [Type "E"] [Fits E-Z Chlor and Sun Automatic Chlorinators] [Concentrated, Stabilized, Slow-Dissolving Sanitizer for convenient use in above ground and inground pools] *{Directions to be used for pool sanitization with 1 inch tablets, Option A}* 

#### POOL SANITIZATION WITH 1 INCH TABLETS

**[WHY TO USE THIS PRODUCT:** This product is one of the most efficient types of stabilized chlorinating sanitizer for pools with automatic feeders or floaters. This slow dissolving product releases sufficient chlorine to reduce the growth of harmful algae and bacteria in your pool. Unlike unstabilized pool sanitizers such as Calcium Hypochlorite or liquid chlorinating product (bleach), this product contains both chlorine and a stabilizer which reduces chlorine loss from sunlight.]

#### **IMPORTANT NOTES:**

- 1. When using other products, as outlined in directions for this product, always follow label directions for those products.
- 2. Sunlight, rainfall, temperature, number of swimmers and frequency of pool use affect the rate of available chlorine loss. Adjust cleaning and chemical maintenance accordingly. To destroy undesirable compounds, shock pool on a regular basis, typically every 1 to 2 weeks.
- 3. Use this product in an automatic or floating feeder designed for this product.
- 4. Do not add other chemicals through the feeder when using this product as an explosion might occur.
- 5. To avoid damage to pool surface or materials do not allow product to come in direct contact with these materials. Do not throw tablets directly into pool.

#### **DIRECTIONS FOR USE:**

It is a violation of Federal Law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

#### **BEFORE YOU BEGIN**

- 1. Ensure all pool equipment is working properly. Adjust stabilizer levels to 40-50 ppm with [Stabilizer] [Chlorine Stabilizer].
- 2. Check water pH, alkalinity and calcium hardness with a test kit. Adjust pH to 7.2 7.6 by adding [pH Down] [pH Decreaser] to lower pH, or by adding [pH Up] [pH Add] to raise pH. Adjust alkalinity to 80 125 ppm for plaster pools, 125 150 for vinyl or fiberglass pools by adding [Alkalinity Increaser] [Alkalinity Plus]. Adjust calcium hardness to 200 275 ppm for plaster pools, 175 225 for vinyl or fiberglass pools by adding Calcium Hardness Increaser. Be sure to follow label directions.
- 3. Check residual chlorine level with a test kit and adjust to 1-4 ppm by adding a stabilized granular chlorinator.

#### NOW USE THIS PRODUCT START-UP/INITIAL TREATMENT:

- 1. If water is cloudy or green, superchlorinate pool with appropriate shock product until pool is clear.
- 2. Test chlorine level and add this product to feeder or floater to bring level to 1-4 ppm. Add additional product to maintain a chlorine level of 1-4 ppm.
- 3. When chlorine level is adjusted to 1-4 ppm, add the algicide appropriate to your needs.

## **ROUTINE MAINTENANCE:**

[1.] Fill feeding device with product to assure constant chlorine level of 1-4 ppm. Check feeding device often and refill as needed.

{The following is optional text to be used at Recreational Water Products discretion. This information is non-essential and will be provided only as a courtesy. Additionally, either one or both of the dosage charts may appear on the label.}

2. This chart gives approximate weekly dosage guidelines.

Apprx Pool Size	Apprx Gallons	Water 60-70°F	Water 70-80°F	Water 80-90°F
14 x 28	15,000	5 oz.	9 oz.	14 oz.
16 x 32	20,000	7 oz.	12 oz.	18 oz.
20 x 40	35,000	12 oz.	21 oz.	31 oz.

Pool Capacity in Gallons	250	500	1000	1500	2000	2500	3000	3500	5500
1" Stabilized Tablets	1 tablet	1 tablet	1 tablet	2 tablets	2 tablets	3 tablets	3 tablets	4 tablets	6 tablets

[How?]

# **DIRECTIONS FOR USE:**

It is a violation of Federal Law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

# To Keep Water Clean:

- Test and balance water before using this product. Visit [the Aqua Chem Web Site] {or} [www.aquachem.com] {or} [the Pool Time website] {or} [www.pooltime.com] for complete pool balancing instructions.
- If the pool is cloudy or green, add a granular shock product; follow application directions on that product.
- Add tablets to an appropriate feeder or floater to bring chlorine level to 1-4 ppm; refill as needed to maintain 1-4 ppm.
- When chlorine level is adjusted to 1-4 ppm, add the [algicide] {or} [algaecide] appropriate to your needs.
- Do not add other chemicals through the feeder when using this product as an explosion might occur.
- Direct contact with pool surface or equipment may cause damage; do not add directly to the pool.
- Apply more product after heavy use, high temperatures, or rain. To keep water clear, shock pool on a weekly basis.

{The following is optional text to be used at Recreational Water Products discretion. This information is non-essential and will be provided only as a courtesy. Additionally, either one or both of the dosage charts may appear on the label.}

• This chart gives approximate weekly dosage guidelines.

Apprx Pool Size	Apprx Gallons	Water 60-70°F	Water 70-80°F	Water 80-90°F
14 x 28	15,000	5 oz:	9 oz.	14 oz.
16 x 32	20,000	7 oz.	12 oz.	18 oz.
20 x 40	35,000	12 oz.	21 oz.	31 oz.

Pool Capacity in Gallons	250	500	1000	1500	2000	2500	3000	3500	5500
1" Stabilized Tablets	1 tablet	1 tablet	1 tablet	2 tablets	2 tablets	3 tablets	3 tablets	4 tablets	6 tablets

Reentry into treated swimming pools is prohibited above levels of 4 ppm chlorine due to risk of body injury.

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{Directions to be used for pool sanitization with 3 inch tablets, Option A}

#### POOL SANITIZATION WITH 3 INCH TABLETS

**[WHY TO USE THIS PRODUCT:** This product is one of the most efficient types of stabilized chlorinating sanitizer for pools with automatic feeders or floaters. This slow dissolving product releases sufficient chlorine to reduce the growth of harmful algae and bacteria in your pool. Unlike unstabilized pool sanitizers such as Calcium Hypochlorite or liquid chlorinating product (bleach), this product contains both chlorine and a stabilizer which reduces chlorine loss from sunlight.]

#### **IMPORTANT NOTES:**

- 1. When using other products, as outlined in directions for this product, always follow label directions for those products.
- 2. Sunlight, rainfall, temperature, number of swimmers and frequency of pool use affect the rate of available chlorine loss. Adjust cleaning and chemical maintenance accordingly. To destroy undesirable compounds, shock pool on a regular basis, typically every 1 to 2 weeks.
- 3. Use this product in an automatic or floating feeder or skimmer designed for this product.
- 4. Do not add other chemicals through the skimmer or feeder when using this product-an explosion might occur. [Use this product in skimmer only if skimmer and the piping between skimmer and pump are plastic. In vinyl pools, do not leave pump turned off for more than 8 hours when this product is in the skimmer. If pump is turned off for more than 8 hours, bleaching and damage to liner may occur.]
- 5. To avoid damage to pool surface or materials do not allow product to come in direct contact with these materials. Do not throw tablets directly into pool.

#### **DIRECTIONS FOR USE:**

It is a violation of Federal Law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

#### **BEFORE YOU BEGIN**

- 1. Ensure all pool equipment is working properly. Adjust stabilizer levels to 40-50 ppm with [Stabilizer] [Chlorine Stabilizer].
- 2. Check water pH, alkalinity and calcium hardness with a test kit. Adjust pH to 7.2 7.6 by adding [pH Down] [pH Decreaser] to lower pH, or by adding [pH Up] [pH Add] to raise pH. Adjust alkalinity to 80 125 ppm for plaster pools, 125 150 for vinyl or fiberglass pools by adding [Alkalinity Increaser] [Alkalinity Plus]. Adjust calcium hardness to 200 275 ppm for plaster pools, 175 225 for vinyl or fiberglass pools by adding Calcium Hardness Increaser. Be sure to follow label directions.
- 3. Check residual chlorine level with a test kit and adjust to 1-4 ppm by adding a stabilized granular chlorinator.

# NOW USE THIS PRODUCT

# START-UP/INITIAL TREATMENT:

- 1. If water is cloudy or green, superchlorinate pool with appropriate shock product until pool is clear.
- 2. Test chlorine level and add this product to feeder or floater to bring level to 1-4 ppm. If pool has a plastic skimmer, add one [of this product] [tablet] per 10,000 gallons of pool water. Add additional product to maintain a chlorine level of 1-4 ppm.
- 3. When chlorine level is adjusted to 1-4 ppm, add the algicide appropriate to your needs.

# **ROUTINE MAINTENANCE:**

[1.] Fill feeding device with product to assure constant chlorine level of 1-4 ppm. Check feeding device often and refill as needed.

{The following is optional text to be used at Recreational Water Products discretion. This information is non-essential and will be provided only as a courtesy.}

2. This chart gives approximate weekly dosage guidelines.

Apprx Pool Size	Apprx Gallons	Water 60-70°F	Water 70-80°F	Water 80-90°F
14 x 28	15,000	5 oz.	9 oz.	14 oz.
16 x 32	20,000	7 oz.	12 oz.	18 oz.
20 x 40	35,000	12 oz.	21 oz.	31 oz.

*{Simplified use directions for swimming pool sanitization with 3 inch tablets, Option B}* 

[How?]

#### **DIRECTIONS FOR USE:**

It is a violation of Federal Law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

#### **To Keep Water Clean:**

- Test and balance water before using this product. Visit [the Aqua Chem Web Site] {or} [www.aquachem.com] {or} [the Pool Time website] {or} [www.pooltime.com] for complete pool balancing instructions.
- If the pool is cloudy or green, add a granular shock product; follow application directions on that product.
- Feeder/Floater: Add tabs to an appropriate feeder or floater to bring chlorine level to 1-4 ppm; refill as needed to maintain 1-4 ppm.
- Skimmer: Add one tab per 10,000 gallons of pool water to bring chlorine level to 1-4 ppm. Add additional product as needed to maintain 1-4 ppm.
- When chlorine level is adjusted to 1-4 ppm, add the [algicide] {or} [algaecide] appropriate to your needs.
- Do not add other chemicals through the feeder when using this product as an explosion might occur.
- Direct contact with pool surface or equipment may cause damage; do not add directly to the pool.
- Apply more product after heavy use, high temperatures, or rain. To keep water clear, shock pool on a weekly basis.

{The following is optional text to be used at Recreational Water Products discretion. This information is non-essential and will be provided only as a courtesy.}

• This chart gives approximate weekly dosage guidelines.

Apprx Pool Size	Apprx Gallons	Water 60-70°F	Water 70-80°F	Water 80-90°F
14 x 28	15,000	5 oz.	9 oz.	14 oz.
16 x 32	20,000	7 oz.	12 oz.	18 oz.
20 x 40	35,000	12 oz.	21 oz.	31 oz.

{Directions to be used for pool sanitization with sticks}

#### POOL SANITIZATION WITH STICKS

**[WHY TO USE THIS PRODUCT:** This product is one of the most efficient types of stabilized chlorinating sanitizer for pools with automatic feeders or floaters. This slow dissolving product releases sufficient chlorine to reduce the growth of harmful algae and bacteria in your pool. Unlike unstabilized pool sanitizers such as Calcium Hypochlorite or liquid chlorinating product (bleach), this product contains both chlorine and a stabilizer which reduces chlorine loss from sunlight.]

#### **IMPORTANT NOTES:**

- 1. When using other products, as outlined in directions for this product, always follow label directions for those products.
- 2. Sunlight, rainfall, temperature, number of swimmers and frequency of pool use affect the rate of available chlorine loss. Adjust cleaning and chemical maintenance accordingly. To destroy undesirable compounds, shock pool on a regular basis, typically every 1 to 2 weeks.
- 3. Use this product in an automatic or floating feeder or skimmer designed for this product.
- 4. Do not add other chemicals through the skimmer or feeder when using this product-an explosion might occur. [Use this product in skimmer only if skimmer and the piping between skimmer and pump are plastic. In vinyl pools, do not leave pump turned off for more than 8 hours when this product is in the skimmer. If pump is turned off for more than 8 hours, bleaching and damage to liner may occur.]
- 5. To avoid damage to pool surface or materials do not allow product to come in direct contact with these materials. Do not throw sticks directly into pool.

#### **DIRECTIONS FOR USE:**

It is a violation of Federal Law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

#### **BEFORE YOU BEGIN**

- 1. Ensure all pool equipment is working properly. Adjust stabilizer levels to 40-50 ppm with [Stabilizer] [Chlorine Stabilizer].
- 2. Check water pH, alkalinity and calcium hardness with a test kit. Adjust pH to 7.2 7.6 by adding [pH Down] [pH Decreaser] to lower pH, or by adding [pH Up] [pH Add] to raise pH. Adjust alkalinity to 80 125 ppm for plaster pools, 125 150 for vinyl or fiberglass pools by adding [Alkalinity Increaser] [Alkalinity Plus]. Adjust calcium hardness to 200 275 ppm for plaster pools, 175 225 for vinyl or fiberglass pools by adding Calcium Hardness Increaser. Be sure to follow label directions.
- 3. Check residual chlorine level with a test kit and adjust to 1-4 ppm by adding a stabilized granular chlorinator.

#### NOW USE THIS PRODUCT START-UP/INITIAL TREATMENT:

- 1. If water is cloudy or green, superchlorinate pool with appropriate shock product until pool is clear.
- 2. Test chlorine level and add this product to feeder or floater to bring level to 1-4 ppm. If pool has a plastic skimmer, add one of this product per 10,000 gallons of pool water. Add additional product to maintain a chlorine level of 1-4 ppm.
- 3. When chlorine level is adjusted to 1-4 ppm, add the algicide appropriate to your needs.

#### **ROUTINE MAINTENANCE:**

[1.] Fill feeding device with product to assure constant chlorine level of 1-4 ppm. Check feeding device often and refill as needed.

{The following is optional text to be used at Recreational Water Products discretion. This information is non-essential and will be provided only as a courtesy.}

Apprx Pool Size	Apprx Gallons	Water 60-70°F	Water 70-80°F	Water 80-90°F
14 x 28	15,000	5 oz.	9 oz.	14 oz.
16 x 32	20,000	7 oz.	12 oz.	18 oz.
20 x 40	35,000	12 oz.	21 oz.	31 oz.

2. This chart gives approximate weekly dosage guidelines.

{Directions to be used for pool floater sanitization, Option A}

#### POOL FLOATER SANITIZATION

**[WHY TO USE THIS PRODUCT:** This product is an easy and economical way to regulate the chlorinating product that sanitizes your pool. When used as directed, this product maintains a constant chlorine level to reduce the growth of harmful algae and bacteria in your pool. Unlike unstabilized pool sanitizers such as Calcium Hypochlorite or liquid chlorinating product (bleach), this product contains both chlorine and a stabilizer which reduces chlorine loss from sunlight.]

#### **IMPORTANT NOTES:**

- 1. When using other products, as outlined in directions for this product, always follow label directions for those products.
- 2. Sunlight, rainfall, temperature, number of swimmers and frequency of pool use affect the rate of available chlorine loss. Adjust cleaning and chemical maintenance accordingly. To destroy undesirable compounds, shock pool on a regular basis, typically every 1 to 2 weeks or each time floater is replaced.
- 3. During shock treatment, remove floater from pool. Place floater in an empty, clean, dry plastic container. Place it back in pool when the process is completed.
- 4. Do not completely submerge floater or allow holes to become clogged. This could trap excess amount of chlorine gas possibly resulting in a violent explosion.
- 5. Do not leave floater in pool when pool is covered with solar blanket or cover. Damage to blanket, cover or pool may result. Build-up of gases may occur within floater.
- 6. Do not attempt to open or refill this product.

#### **DIRECTIONS FOR USE**

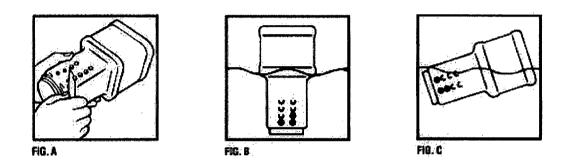
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label directions and use strictly in accordance with precautionary statements and directions.

#### **BEFORE YOU BEGIN:**

- 1. Ensure all pool equipment is working properly. Backwash filter following manufacturer's directions.
- 2. Adjust stabilizer levels to 40-50 ppm with [Stabilizer] [Chlorine Stabilizer]. Check residual chlorine level with a test kit. Adjust to 1-4 ppm by adding a stabilized granular chlorinator.
- 3. Check water pH, alkalinity and calcium hardness with a test kit. Adjust pH to 7.2 7.6 by adding [pH Down] [pH Decreaser] to lower pH, or by adding [pH Up] [pH Add] to raise pH. Adjust alkalinity to 80 125 ppm for plaster pools, 125 150 for vinyl or fiberglass pools by adding [Alkalinity Increaser] [Alkalinity Plus]. Adjust calcium hardness to 200 275 ppm for plaster pools, 175 225 for vinyl or fiberglass pools by adding Calcium Hardness Increaser. Be sure to follow label directions.

#### NOW USE THIS PRODUCT:

- 1. Floater is marked in gallon increments from 5,000 to 40,000 gallons. To use, cut off all feeder nubs on both sides of cartridge up to and including the one corresponding to your pool's size. If pool is between sizes marked, open next higher nubs. Use a sharp knife and cut in direction away from your body and limbs. (Fig.A) Make certain holes are wide open to allow water to flow through freely.
- 2. Place floater with open holes in center of the pool. (Fig. B) After 24 hours check residual chlorine level with a test kit. If residual chlorine level is below 1.0 ppm cut-off one additional nub until chlorine stabilizes at 1-4 ppm. If the residual chlorine is too high, seal one set of holes with waterproof plastic tape.
- 3. When ready for replacement, this product will float on its side. (Fig. C)



{Simplified use directions for swimming pool floater sanitization, Option B}

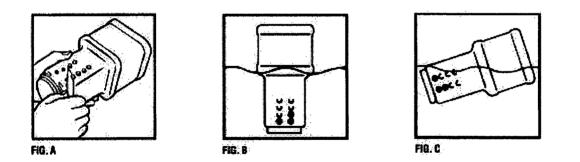
[How?]

### **DIRECTIONS FOR USE:**

It is a violation of Federal Law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

#### To Keep Water Clean:

- Test and balance water before using this product. Visit [the Aqua Chem Web Site] {or} [www.aquachem.com] {or} [the Pool Time website] {or} [www.pooltime.com] for complete pool balancing instructions.
- Cut off all feeder nubs on both sides of cartridge up to and including the pool volume. If pool is between sizes marked, open next higher nubs. Use a sharp knife and cut in direction away from your body. (Fig.A). Make certain holes are wide open to allow water to flow through freely.
- Place floater with open holes in the pool. (Fig. B) After 24 hours, if chlorine level is below 1.0 ppm cut-off one additional nub until chlorine level is 1-4 ppm. If the chlorine level is above 4 ppm, seal one set of holes with waterproof plastic tape.
- This product floats on side when empty. (Fig. C)
- To keep water clear, shock pool on a weekly basis or after heavy use, high temperatures, or rain.
- During shock treatment, remove floater from pool. Place floater in an empty, clean, dry plastic container. Place floater back in pool when the process is completed.
- Do not completely submerge floater or allow holes to become clogged. This could trap excess amount of chlorine gas possibly resulting in a violent explosion.
- Do not attempt to open or refill this product.



{Directions to be used for pool cartridge sanitization}

#### POOL CARTRIDGE SANITIZATION

**[WHY TO USE THIS PRODUCT:** This product is an easy and economical way to regulate the chlorinating product that sanitizes your pool. When used as directed, this product maintains a constant chlorine level to reduce the growth of harmful algae and bacteria in your pool. Unlike unstabilized pool sanitizers such as Calcium Hypochlorite or liquid chlorinating product (bleach), this product contains both chlorine and a stabilizer which reduces chlorine loss from sunlight. This product is not a floating device and is only to be used with automatic chlorinating systems using the Type "E" refill cartridge.]

#### **IMPORTANT NOTES**

- 1. When using other products, as outlined in directions for this product, always follow label directions for those products.
- 2. Sunlight, rainfall, temperature, number of swimmers and frequency of pool use affect the rate of available chlorine loss. Adjust cleaning and chemical maintenance accordingly. To destroy undesirable compounds, shock pool on a regular basis, typically every 1 to 2 weeks.
- 3. During shock treatment, remove chlorinating cartridge from chlorinator. Place cartridge in an empty, clean, dry plastic container. Place it back in chlorinator when the process is completed.
- 4. Do not completely submerge cartridge or allow vent holes to become clogged. Chlorine gas may build up and could cause a violent explosion.
- 5. Do not attempt to open or refill this cartridge.

#### **DIRECTIONS FOR USE**

It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

#### **BEFORE YOU BEGIN**

- 1. Ensure all pool equipment is working properly. Backwash filter following manufacturer's directions.
- 2. Adjust stabilizer levels to 40-50 ppm with [Stabilizer] [Chlorine Stabilizer].
- 3. Check water pH, alkalinity and calcium hardness with a test kit. Adjust pH to 7.2 7.6 by adding [pH Down] [pH Decreaser] to lower pH, or by adding [pH Up] [pH Add] to raise pH. Adjust alkalinity to 80 125 ppm for plaster pools, 125 150 for vinyl or fiberglass pools by adding [Alkalinity Increaser] [Alkalinity Plus]. Adjust calcium hardness to 200 275 ppm for plaster pools, 175 225 for vinyl or fiberglass pools by adding Calcium Hardness Increaser. Be sure to follow label directions.
- 4. Check chlorine level with a test kit and adjust to 1-4 ppm by adding a stabilized granular chlorinator.

#### NOW USE THIS PRODUCT

1. Punch out numbered holes in cartridge up to corresponding pool size as indicated below. Use a large nail, sharp knife or similar tool for this purpose. Place cartridge on a solid surface and work carefully to avoid injury.

Pool Capacity in Gallons	Open Hole Number.
10,000	. 1
20,000	. 2
30,000	. 3
40,000	. 4
50,000	. 5
60,000	. 6

- 2. For pools of intermediate size, open hole for next larger capacity. (Example: for 25,000 gallon pool, open hole number 3.) For pools larger than 60,000 gallons, use 2 (or more) cartridges and divide the number of holes to opened equally among them. (Example: For 80,000 gallon pool, use 2 cartridges and open hole #4 on each.)
- 3. Place cartridge (or cartridges) in chlorinator (follow equipment manufacturer's directions for installation of the Type "E" cartridge) and wait for 24 hours.
- 4. Test pool after 24 hours. Check chlorine level with test kit. Correct range should be 1-4 ppm. If level is below 1 ppm, punch out next higher number. If level is above 4 ppm, cover highest hole with water proof tape. Make additional adjustments as required to maintain a 1-4 ppm chlorine level.

*{Directions for Stabilized Chlorine Cartridge and Chlorinating Cartridge Type E}* 

#### SWIMMING POOL SANITIZER

[This product when used as directed, automatically maintains a constant chlorine level to sanitize your pool. This reduces the growth of harmful algae and bacteria in your pool for several weeks. This product is not a floating device and is only to be used with automatic chlorinating systems.]

#### **IMPORTANT NOTES:**

- 1. When using other products, as outlined in directions for this product, always follow label directions for those products.
- 2. Sunlight, rainfall, temperature, number of swimmers and frequency of pool use affect the rate of available chlorine loss. Adjust cleaning and chemical maintenance accordingly. To destroy undesirable compounds, shock pool on a regular basis, typically every 1 to 2 weeks or each time floater is replaced.
- 3. During shock treatment, remove floater from pool. Place floater in an empty, clean, dry plastic container. Place it back in pool when the process is completed.
- 4. Do not attempt to open or refill this product.

**DIRECTIONS FOR USE:** It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

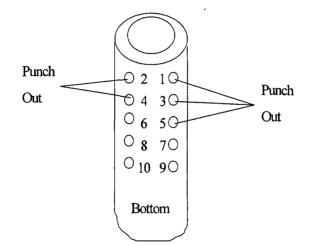
Ensure all pool equipment is working properly. Backwash the filter system following manufacturer's directions. Adjust pH to between 7.2-7.6. Add stabilizer to establish a minimum level of 40-50 ppm cyanuric acid to reduce the degradative effects of sunlight upon the chlorine residual. Superchlorinate the pool so that a chlorine residual of between 1-4 ppm is obtained. When using other products as outlined in directions for this product, always follow directions on those products. Do not attempt to open or refill this cartridge.

1. Select a large nail, sharp knife or similar tool to punch out dimples per step #2. Place cartridge on a solid surface and work carefully to avoid injury.

2. Punch out appropriate dimples on both of the upper sides of cartridge according to the chart below based on the size of your pool:

Gallons of pool water:	Dimples to punch:
5,000	1
10,000	1, 2, & 3
15,000	1, 2, 3, 4, & 5
20,000	1, 2, 3, 4, 5, 6, & 7_
30,000	1, 2, 3, 4, 5, 6, 7, 8, & 9

Example: 15,000 gallon pool. Punch out dimples numbered 1, 2, 3, 4 and 5. See diagram:



3. Punch out all eight (8) clear dots on top of cap.

4. Turn cartridge upside down and place into chlorinator. Follow equipment manufacturer's directions for installation of the Type "E" cartridge.

5. After the cartridge has been in use for 24 hours, check the chlorine level of the water with a test kit. The correct chlorine level range is 1-4 ppm.

If level is below 1 ppm, punch out next higher number. If level is above 4 ppm, cover highest hole with waterproof tape. Make additional adjustments as required to maintain a 1-4 ppm chlorine level.

**STORAGE AND DISPOSAL:** Keep this product dry in original tightly closed container when not in use. Store in a cool, dry, well-ventilated area away from heat or open flame. Do not contaminate food or feed by storage or disposal. **CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

#### **PRECAUTIONARY STATEMENTS:**

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

**PHYSICAL OR CHEMICAL HAZARDS:** 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. When using automatic feeding devices, always follow manufacturer's directions as to the proper addition of sanitizer product to chlorinators. 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 or 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.

**FIRST AID: IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call 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 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 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. IN CASE OF MEDICAL EMERGENCY, CALL 1-877-800-5553.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

{Environmental hazards statement for end-use products in containers of less than 50 pounds (solid, dry weight).}

[ENVIRONMENTAL HAZARDS This pesticide is toxic to fish and aquatic organisms.]

{Environmental hazards statement for end-use products in containers of equal to or greater than 50 pounds (solid, dry weight).}

**[ENVIRONMENTAL HAZARDS** This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.]

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

{The following is optional text to be used at Recreational Water Products' discretion with swimming pool use directions. This information is non-essential and will be provided only as a courtesy. Will not appear on all swimming pool products.}

#### HOW TO CALCULATE POOL CAPACITY

1

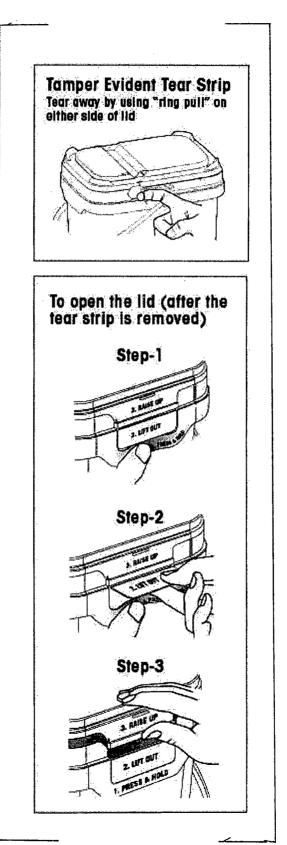
Shape of Pool	Gallons of water
Rectangular	Average depth x average length x average width x 7.5
Circular	Diameter x diameter x average depth x 5.9
Oval	Full width x full length x average depth x 5.9
Irregular	Consult pool builder

{*The following is optional text to be used at Recreational Water Products' discretion. This information is non-essential and will be provided only as a courtesy. Will not appear on all labels.*}

[NOTE: Any questions or comments about Aqua Chem Products? In the continental U.S. call 1-800-252-POOL (7665). Ask for your free pool care booklet.]

[Questions or comments, Call 1-800-252-POOL (7665).]

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(For Ropak Pails)

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