



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 5, 2015

Joshua Wiley
Regulatory Assurance Manager
Arch Chemicals, Inc.
1200 Bluegrass Lakes Parkway
Alpharetta, GA 30004

Subject: Label Amendment – To add marketing claims, revise Directions for Use, Physical and Chemical Hazards and Precautionary Statements
Product Name: HTH Duration Clean Capsules
EPA Registration Number: 1258-1259
Application Date: April 24, 2015
Decision Number: 505641

Dear Wiley:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. 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. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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EPA Reg. No. 1258-1259
Decision No. 505641

with FIFRA section 6. If you have any questions, please contact Wanda Henson by phone at (703) 308-6345, or via email at henson.wanda@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Wanda J. Fuller, for". The signature is written in a cursive style.

Demson Fuller, Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure

Note to reviewer:

[All text in brackets [AAA] is optional and may/may not be included on all end-use labels]

{All text in braces {AAA} is for information purposes and will not appear on final label}

HTH[®] DURATION CLEAN CAPSULES

ACTIVE INGREDIENT:

CALCIUM HYPOCHLORITE.....	47.6%
OTHER INGREDIENTS.....	<u>52.4%</u>
TOTAL.....	100.0%

A C C E P T E D

06/05/2015

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under

EPA Reg. No. 1258-1259

[Minimum Available Chlorine45 %]

KEEP OUT OF REACH OF CHILDREN

[MANTENGASE FUERA DEL ALCANCE DE LOS NIÑOS]

DANGER [PELIGRO]

Contamination or improper use may cause fire, explosion, or the release of toxic gases. Do not allow product to contact any foreign matter, including other water treatment products. If product is exposed to small amounts of water, it can react violently to produce heat and toxic gases and spatter. Do not add water to this product. {For the 285 gram and 300 gram tablet packages:} [Only add this product directly to skimmer.] {For the 1/4 ounce tablet packages:} [Do not remove floater or other dispensing device from water for more than five minutes if it contains tablets or tablet residue.]

{Note to reviewer: Although this product has a "Danger" signal word, as per the EPA label review manual "The Agency may permit reasonable variations in the placement of the First Aid statement as long as the reference statement, "See First Aid (or Statement of Practical Treatment) on (identify appropriate panel)" appears on the front panel." If the First Aid Statements are placed on the front panel of the final graphic label, the statement below will only reference Precautionary Statements.}

Read all Precautionary [and First Aid] Statements on [back] [side] [left] [right] panel before use.

EPA Reg. No. 1258-1259

[Superscript Used in Lot Number]

EPA Est. No. XXXX-YY-ZZ

[Manufactured for] [Sold by]:

Arch Chemicals, Inc.

P.O. Box 724438

Atlanta, GA 31139-1438

NET WEIGHT:

HTH Duration Clean Capsules

EPA Reg. No: 1258-1259

EPA Draft Label 2015

**PRECAUTIONARY STATEMENTS:
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, absorbed through skin, or inhaled.

- [•] Open in a well-ventilated area. Avoid breathing dust and fumes.
- [•] Do not get in eyes, on skin, or on clothing. Do not handle with bare hands. Wear protective eyewear and use rubber gloves. For additional protection of skin, wear long sleeves and long pants.
- [•] 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.

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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Remove 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 a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

IN CASE OF EMERGENCY CALL: 1-800-654-6911

PHYSICAL AND CHEMICAL HAZARDS:

If product is exposed to small amounts of water, it can react violently to produce heat and toxic gas and spatter. Do not pre-mix or add water to this product. {For the 285 gram and 300 gram tablet packages:} [Only add this product directly to skimmer.]

- [•] Do not allow to become wet or damp before use.

Can react with other materials, including other water treatment products, to cause fire, explosion, and the release of toxic gases.

- [•] Keep all foreign matter, including other water treatment products, away from this product.
- [•] Use only clean, dry utensils to dispense this product.
- [•] {For the 285 gram and 300 gram tablet packages:} [Do not use this product in a floater or feeder.]
{For the 1/4 ounce tablet packages:} [Do not use this product in a floater or feeder that has been used with any other product.]
- [•] Do not allow this product to contact other water treatment products. Before placing this product in a skimmer, make sure skimmer is completely clean and free of residue from other water treatment products.

Exposure to heat can cause this product to rapidly decompose, leading to fire, explosion, and the release of toxic gases.

- [•] Store in a cool, dry, well-ventilated area.

Strong oxidizing agent. This product can increase fire intensity.

- [•] Keep away from heat and from flame and burning material, including lighted cigarettes.

{First sentence of paragraph below for containers less than 50 lbs. All others use full paragraph.}

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, ponds, streams, 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.

STORAGE & DISPOSAL:

{Nonrefillable container - household/residential use}

[Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Nonrefillable container. Do not reuse or refill this container. Rinse empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available. Do not contaminate food or feed by storage or disposal or cleaning of equipment. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING.]

{Refillable container – household/residential use}

[Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Do not contaminate food or feed by storage or disposal or cleaning of equipment. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING. Refillable container. Refill this container with calcium hypochlorite only. Do not use this container for any other purpose. Rinse empty container thoroughly with water to dissolve all material prior to disposal.]

{Nonrefillable container - non-household/residential use}

[Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Do not contaminate food or feed by storage or disposal or cleaning of equipment. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING. Nonrefillable container. Do not reuse this container. Offer for recycling if available. Rinse empty container thoroughly with water to dissolve all material prior to disposal.]

{Refillable container – non-household/residential use}

[Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Do not contaminate food or feed by storage or disposal or cleaning of equipment. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE EMERGENCY HANDLING. Refillable container. Refill this container with calcium hypochlorite only. Do not use this container for any other purpose. Cleaning of this container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. Rinse empty container thoroughly with water to dissolve all material prior to disposal.]

EMERGENCY HANDLING: In case of contamination or decomposition - Do not reseal container. Immediately remove container to an open and well-ventilated outdoor area by itself. Flood with large amounts of water until the material is dissolved. Dispose of container and any remaining contaminated material in an approved landfill area.

{Optional marketing claims}

{Treatment}

[[1][One] tablet {or} [dose] treats 7,000 gallons per week]
[Use [1][One] tablet per 7,000 gallons [per week]]

{Pool Type}

[[Best used with] [Ideal for] [For] pop-up pools]
[[For use][Ideal] [with] [for] all pool [surfaces][types]]
[Ideal for [vinyl-lined pools] {or} [pools with vinyl liners] when used as directed]
[[For use] [Ideal] [with] [for] all pool types [including vinyl-liner pools]]
[Ideal for [in ground] [and][&] [above ground] [pools] [with a skimmer]]
[Good for all pool surfaces]
[Special pop-up pool size]

{Sanitizer}

[47.6% active ingredient]
[Provides long lasting [chlorination][sanitization]]
[Regulates chlorine release]
[Sanitizes for [brilliantly] clear water]
[Swimming pool sanitizer]
[Use only with Pulsar chlorinator systems]
[Use only with Constant Chlor chlorinator systems]
[Provides effective chlorination [at an economical price]]
[Sanitizes pool water]
[[Routine] Sanitizer [for chlorine pools]]
[45% available chlorine]
[Sanitizer]
[Convenient Routine Chlorinator]
[[Sanitizer] [Chlorine] lasts up to one week]
[[Sanitizes] [Chlorinates] up to one week]
[For routine use in skimmers]
[For Skimmer Chlorination Only]
[For Skimmer Use Only]
[Slow dissolving]

{Bacteria Control}

[Bacteria [destroying][killing]]
[Begins working [fast] to destroy bacteria]
[Destroys bacteria]
[Destroys organic contaminants]
[[Eliminates] [Kills] bacteria]

{Shock}

[Oxidizer]

{Algae}

[Algae [destroying][killing][fighting]]
[Algaecide]
[[Controls][Destroys] [Kills] [Inhibits] [Prevents] algae]
[[With][Contains] built-in algae [protection][fighter]]

{Bacteria & Algae}

[Bacteria [and][&] algae control]
[[Controls] [Destroys] [Kills] [Inhibits] [Prevents] [Bacteria] [and][&] Algae]
[Kills bacteria, destroys organic contaminants [and][&] controls algae]
[Routine use protects water from bacteria [[and][&] algae]]
[Protects against bacteria [and][&] algae]

{Clarifier}

[Clears cloudy water]
[[Creates] [Produces] sparkling, crystal clear water]
[Crystal clear results in 24 hours]
[Keeps [pool] water clean [and][&] crystal clear]
[Maintains brilliantly clear water]
[Restore[s] crystal clarity to water]
[Delivers sparkling [pool] water]
[Clarifies]

{Multi-Benefit}

[[All-in-one] [Shocks] [clarifies] [chlorinates] [sanitizes] [kills algae] [[and][&]] [oxidizes]]
[[Multipurpose] [All-in-One] sanitizer [and][&] shock treatment]
[3-in-1 [Action] [Shock Treatment]]
[Controls algae, kills bacteria and destroys organic contaminants in [pools] [spas & hot tubs]]
[Multipurpose chlorinating skimmer tablets]
[Triple Action]

{Marketing Language}

[[Here to Help] [since 1928]]
[Pool [Care] Experts since 1928]
[Special formula]
[Bonus Pack]
[Value Pack]

{Residue//Solubility/Scale}

[Leaves no residue]
[No fading of liner[s]when used as directed]
[Non-staining formula]
[[Won't] [Will not] [fade] liner when used as directed]
[[Won't] [Will not] [cause staining] [or] [damage liners] when used as directed]
[Scale Control]
[Prevents stain and scale]
[Inhibits scale]
[[Contains] Scale Inhibitor]

{Water Softening}

[Built-in water softener]
[Contains water [softener] {or} [softening additive]]

{Ease of Use}

[Easy to use]
[Easy, economical, convenient to use]
[Reduced maintenance formulation]
[Convenient]

[Economical]

{Stabilization}

[[No risk of] [Will not cause] over stabilization]

{Odor}

[Reduces chlorine odor]

{Eye Irritation}

[Reduces eye irritation caused by swimming pool water]

{pH Control}

[Will not [lower][affect] pH]

{Compatibility with salt pools}

[Compatible with salt [water] [systems] [pools]]

[Salt [water] [system] [pool] compatible]

{Steps}

[For best results, follow the [brand] 3-Step Program:]

[For best results, follow the [brand] 4 step pool care program:]

[Step] [1] [Balance]

[Step] [2] [Sanitize]

[Step] [3] [Shock] [Weekly]

[Step] [4] [Prevent Algae]

{Graphic renderings of the 4 steps:}



[] *{for routine chlorination directions}*

[[Brand] Step System:]

[Step] [1] [Balance]

[Step] [2] [Sanitize]

[Step] [3] [Shock] [Weekly]

[Enhance]

[Prevent]

[[Brand or poolife®] 3-Step System:

[Step] 1 [Sanitize It!]

[Step] 2 [Shock It!]

[Step] 3 [Defend It!]

{Graphic renderings of the 3 steps:}



HOW TO CALCULATE POOL CAPACITY IN U.S. GALLONS	
POOL SHAPE	FORMULA (Dimensions in feet)
Rectangular:	$L \times W \times AD \times 7.5 = \text{total gallons}$
Round:	$Di \times Di \times AD \times 5.9 = \text{total gallons}$
Oval:	$\text{Maximum } L \times \text{maximum } W \times AD \times 5.9 = \text{total gallons}$
Freeform:	$\text{Surface area (sq. feet)} \times AD \times 7.5 = \text{total gallons}$

L = Length, W = Width, AD = Average Depth, Di = Diameter]

{or}

[To calculate your pool's capacity, visit hthpools.com/XXXX.]



[Made in the USA]

[Made in the USA of US and imported content.]



[For product questions/support [from [brand] pool [[and][&] spa] care experts:]

[Call: [brand number] [866-HTH-Pool]]

HTH Duration Clean Capsules
EPA Reg. No: 1258-1259
EPA Draft Label 2015

[Chat online: [brand website] [hthpools.com]]
[We're available 7 days a week from 8 AM to 10 PM EST]

[Visit: [brand website] [hthpools.com]]



HELPLINE
866-HTH-POOL
(4 8 4 - 7 6 6 5)
Call 7 days a week with
your pool care questions.
8:00 AM - 10:00 PM EST
Visit us online:
www.hthpools.com



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Visit us online:
www.hthpools.com



[Get social with us at:] [Connect and Swim with us on Social [Media]:]

[\[www.youtube.com/brand\]](http://www.youtube.com/brand)

[\[www.facebook.com/brand\]](http://www.facebook.com/brand)

[\[www.instagram.com/brand\]](http://www.instagram.com/brand)

[\[www.pinterest.com/brand\]](http://www.pinterest.com/brand)

[\[www.google.com/+brand\]](http://www.google.com/+brand)

{OR}

[use social icons]

[[Brand name] and the [brand] logo are trademarks of Lonza or its affiliates.]

[[HTH®][brand] and the [HTH®][brand] logo are registered trademarks of Arch Chemicals, Inc.]

*{If the following Spanish statement is used, it must appear directly above DIRECTIONS FOR USE.}
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)*

DIRECTIONS FOR USE:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
READ ALL PRECAUTIONARY STATEMENTS BEFORE USE.

{Use 1} [SWIMMING POOLS]

{For the 285 gram and 300 gram tablet packages}

{Mass Channel}

[WHY YOU SHOULD USE THIS PRODUCT:

[Brand] tablets¹ are a slow dissolving product that is easy and convenient to use. This product controls algae, kills bacteria and destroys organic contaminants. These tablets are designed to be used in the skimmer basket and dissolve slowly (up to 1 week) providing a steady source of available chlorine for complete swimming enjoyment in your pool.

{Optional statement for pool care program for the [Brand A]}

[For crystal clear pool water, follow our [Brand A] 4 step pool care program: Step 1: Test and adjust pool water balance, Step 2: Sanitize, Step 3: Shock treat your pool at least once a week, and Step 4: Add algaecide regularly.]

{Optional statement for pool care program with the [Brand B]}

[For crystal clear pool water, follow our [Brand B] 3-Step Program: Step 1: Test and balance pool water, Step 2: Sanitize, and Step 3: Shock at least once a week.]

{Optional statement for pool care program for the [Brand C]}

[Take a pool water sample to your [authorized] [Brand C] retailer for a detailed water analysis.]

{Dealer Channel}

[WHY YOU SHOULD USE THIS PRODUCT:

[This is a convenient and easy to use pool] [This is an effective, [multi-purpose]] [sanitizer] product that [works fast] [destroys bacteria and algae] [and] restores crystal clarity to pool water, [sanitizes], [clarifies], [helps] prevent[s] [kills] algae and [shock treats your pool]. [It is convenient, easy to use, and won't over-stabilize your pool.] [It will not over-stabilize your pool water.]

[For best results, follow a weekly program with our [brand] System. Consult your authorized [brand] dealer for advice on the system that best suits your pool and your lifestyle.] [Take a pool water sample to your authorized [brand] dealer regularly for a detailed water analysis.] **[For crystal clear pool water, follow the [brand] 3 step pool care program:** Step 1: Sanitize [It], Step 2: Shock [It] Step 3: Defend [It].]

[WATER BALANCE:]

[Adjust and maintain total alkalinity from 60 to 100 parts per million (ppm), pH from 7.2 to 7.6, and calcium hardness above 200 ppm. [Always check and adjust total alkalinity before adjusting pH levels.] Test frequently using [a brand] [test kit] {or} [test strips] that measure[s] all of the above ranges. Follow label directions for each product and allow each product to dissolve and disperse before adding additional products to the pool.]

{Mass Channel}

[[Download the [FREE] [Test to Swim™] [application name] app from your smartphone] [for expert water analysis, product recommendations, and dosage instructions].]

[Visit a [Test to Swim™ Station] [device/station name], at participating retailers, for expert water analysis, product recommendations and dosage instructions. [To find a participating retailer near you, visit www.hthpools.com/XXX].]

[Use a [Test to Swim™ Station] [device/station name] (at participating retailers) or download the Test to Swim™ [application name] app from your smartphone] [for expert water analysis, product recommendations, and dosage instructions].]

{Dealer Channel}

[Bring a pool water sample to your [brand] dealer frequently to test for water balance.] Maintain free available chlorine between 1 - 4 ppm.]

{or}

[Adjust and maintain pool water to recommended ranges:

Acceptable Range for Balance	
Total Alkalinity	60-100 ppm
pH	7.2-7.6
Calcium Hardness	Above 200 ppm
Available Chlorine	1-4 ppm

NOTE: Follow label directions for each product and allow each product to dissolve and disperse before adding additional products to the pool. Always check and adjust total alkalinity before adjusting pH levels. [Use a test kit [or test strips] that measure[s] all these ranges.]]

[METHOD OF APPLICATION:][HOW TO USE:]

Do not allow this product to contact other water treatment products. Use only in pools with a skimmer and skimmer basket. Skimmer basket must be free of all other water treatment products before adding the recommended amount of this product. Failure to do so could result in a chemical reaction or possible explosion.

One tablet weighs approximately [10] {for 285 gram tablet} [10.5] {for 300 gram tablet} ounces. Place tablet(s) in the empty skimmer basket. Replace with [a] new tablet(s) as needed.

Test free available chlorine residual with [a][brand] pool test kit [or test strips]. Do not enter pool until the free available chlorine residual is 1- 4 ppm. **Re-entry into treated swimming pools is prohibited above levels of 4 ppm chlorine due to risk of bodily injury.**

OPENING YOUR POOL: Balance pool water per levels in WATER BALANCE section. Shock treat with a [brand] shock product and stabilize your pool using [brand] stabilizer. Follow label directions for each of these products.

ROUTINE CHLORINATION:

FOR UNSTABILIZED POOLS: Add three tablets per 7,000 gallons of pool water every week, or as often as needed to maintain a chlorine residual of 1-4 ppm.

FOR STABILIZED POOLS: Add one tablet per 7,000 gallons of pool water every week, or as often as needed to maintain a chlorine residual of 1-4 ppm.

{chart is optional in whole or part based upon gallons for treatment}

[Use the following dosage recommendations based upon pool size.]

Pool size, gallons	Dosage for unstabilized pools	Dosage for stabilized pools
7,000	3 tablets	1 tablet
14,000	6 tablets	2 tablets
21,000	9 tablets	3 tablets
28,000	12 tablets	4 tablets
35,000	15 tablets	5 tablets

]

[SHOCK TREATMENT / SUPERCHLORINATION:

As a preventative treatment, shock treat your pool once per week [with [brand] shock treatment]. In addition to weekly shock treatment, shock treat to remedy problems which may occur when bathing loads are high, water appears hazy or dull, unpleasant odors or eye irritation occur, after heavy wind and rainstorms, or if algae does develop with resulting green color and slimy feeling.]

{For the ¼ ounce Tablets package}

[WHY YOU SHOULD USE THIS PRODUCT:

[Brand Tablets are] [This product is] a multipurpose product that controls algae, kills bacteria and destroys organic contaminants. These convenient and easy to use tablets are designed to dissolve slowly, providing a steady source of available chlorine.]

HOW TO USE:

One tablet weighs approximately 1/4 ounce. Add the recommended dosages of this product during evening hours while the filter pump is running. Use the clean, dry scoop if it is provided. DO NOT use any other scoop. DO NOT use the scoop for any other purpose. Use the markings on the container if a scoop is not provided.

You may place this product into your pool in the following ways: 1. Use a floating dispenser or feeder designed for this product. Use only new feeders or floaters or ones that have previously contained only this product. Keep floating dispenser or feeder free of all other water treatment products before adding recommended amount of this product. 2. Use the skimmer. Keep skimmer basket free of all other water treatment products before adding recommended amount of this product. Failure to do so could result in a chemical reaction or possible explosion.

DO NOT reuse floaters or feeders that have been used with other pool chemicals, including [brand] [or other brands]]. **DO NOT** throw tablets directly into pool or use in any chlorinating device that has been used with other chlorinating compounds.

[WATER BALANCE:]

[Adjust and maintain total alkalinity from 60 to 100 parts per million (ppm), pH from 7.2 to 7.6, and calcium hardness above 200 ppm. [Always check and adjust total alkalinity before adjusting pH levels.]

Test frequently using [a brand] [test kit] {or} [test strips] that measure[s] all of the above ranges. Follow label directions for each product and allow each product to dissolve and disperse before adding additional products to the pool.]

{Mass Channel}

[[Download the [FREE] [Test to Swim™] [application name] app from your smartphone] [for expert water analysis, product recommendations, and dosage instructions].]

[Visit a [Test to Swim™ Station] [device/station name], at participating retailers, for expert water analysis, product recommendations and dosage instructions. [To find a participating retailer near you, visit www.hthpools.com/XXX].]

[Use a [Test to Swim™ Station] [device/station name] (at participating retailers) or download the Test to Swim™ [application name] app from your smartphone] [for expert water analysis, product recommendations, and dosage instructions].]

{Dealer Channel}

[Take a pool water sample to your [brand] dealer frequently to test for water balance.] Maintain free available chlorine between 1 - 4 ppm.]

{or}

[For best product performance, swimmer comfort and crystal clear water, use [brand] pool care products to maintain the following water balance:

Acceptable Range for Balance	
Total Alkalinity	60 - 100 ppm
pH	7.2 - 7.6
Calcium Hardness	Above 200 ppm
Available Chlorine	1 - 4 ppm

NOTE: Follow label directions for each product and allow each product to dissolve and disperse before adding additional products to the pool. Always check and adjust total alkalinity before adjusting pH levels. [Use a test kit [or test strips] that measure[s] all these ranges.]]

[OPENING YOUR POOL:

Balance pool water per levels in WATER BALANCE section. Shock treat with a [brand] shock product and stabilize your pool using [brand] stabilizer. Follow label directions for each of these products.]

ROUTINE CHLORINATION:

{For small pools 500 gallons to less than 10,000 gallons}

[FOR UNSTABILIZED POOLS: Add [1 ounce] [4 tablets] per 1,000 gallons of pool water daily or as often as needed to maintain the free available chlorine residual at 1 – 4 ppm.

FOR STABILIZED POOLS: Add [1/2 ounce] [2 tablets] per 1,000 gallons every other day or as often as needed to maintain the free available chlorine residual at 1-4 ppm.]

{For pools 10,000 gallons and larger}

[FOR UNSTABILIZED POOLS: Add 8 ounces of this product per 10,000 gallons of pool water daily or as often as needed to maintain the free available chlorine residual at 1 – 4 ppm.

FOR STABILIZED POOLS: Add 4 ounces per 10,000 gallons every other day or as often as needed to maintain the free available chlorine residual at 1-4 ppm.]

{chart is optional in whole or part based upon gallons for treatment}

[Use the following dosage recommendations based upon pool size.

Pool size, gallons	Dosage for unstabilized pools	Dosage for stabilized pools
500	1/2 oz [(2 tablets)]	1/4 oz [(1 tablet)]
1,000	1 oz [(4 tablets)]	1/2 oz [(2 tablets)]
2,500	2 oz [(8 tablets)]	1 oz [(4 tablets)]
5,000	4 oz [(16 tablets)]	2 oz [(8 tablets)]
7,500	6 oz [(24 tablets)]	3 oz [(12 tablets)]
10,000	8 oz [(32 tablets)]	4 oz [(16 tablets)]
15,000	12 oz [(48 tablets)]	6 oz [(24 tablets)]
20,000	16 oz [(64 tablets)]	8 oz [(32 tablets)]

]

[SHOCK TREATMENT / SUPERCHLORINATION:

As a preventative treatment, shock treat your pool once per week [with [brand] shock treatment]. In addition to weekly shock treatment, shock treat to remedy problems which may occur when bathing loads are high, water appears hazy or dull, unpleasant odors or eye irritation occur, after heavy wind and rainstorms, or if algae does develop with resulting green color and slimy feeling.]

{Use 2} [SPAS & HOT TUBS]

{Mass Channel}

[WHY YOU SHOULD USE THIS PRODUCT:

[Brand] tablets² are a slow dissolving product that is easy and convenient to use. This product controls algae, kills bacteria and destroys organic contaminants. These tablets are designed to be used in the skimmer basket and dissolve slowly (up to 1 week) providing a steady source of available chlorine for complete spa enjoyment.

[For crystal clear spa water, follow our [Brand] 3-Step Program: Step 1: Balance, Step 2: Sanitize, and Step 3: Shock.]

{Dealer Channel}

[WHY YOU SHOULD USE THIS PRODUCT:] [This product] [Product name] controls algae, kills bacteria and destroys organic contaminants. These tablets are designed to be used in the skimmer basket and dissolve slowly (up to 1 week) providing a steady source of available chlorine for complete spa enjoyment.

[HOW TO USE:] [Do not pre-mix this product before adding it to your spa. Only add this product directly to your spa.] [Use only a clean, dry [scoop] [lid] to measure this product. Do not use the [scoop] [lid] for any other purpose.]

Add the recommended dosage of this product to the skimmer while the filter pump is running. Test free available chlorine residual with a spa test kit. Do not enter spa until the free available chlorine residual is 3-5 ppm. **Re-entry Into treated spas is prohibited above levels of 5 ppm for risk of bodily injury.**

[WATER BALANCE:]

[For best product performance, comfort, and [crystal] [clear] [clean] water: Maintain total alkalinity in the range of 60 to 100 parts per million (ppm). Maintain pH in the range of 7.2 to 7.8. Maintain calcium hardness above 200 ppm. Always check and adjust total alkalinity before adjusting pH levels.] [Use a test kit that measures all these ranges.] Use [brand] Spa Care Products to make adjustments. Follow label directions for each product and allow each product to dissolve and disperse before adding additional products to the spa.]

{Mass Channel}

[[Download the [FREE] [Test to Swim™] [application name] app from your smartphone] [for expert water analysis, product recommendations, and dosage instructions].]

[Visit a [Test to Swim™ Station] [device/station name], at participating retailers, for expert water analysis, product recommendations and dosage instructions. [To find a participating retailer near you, visit www.hthpools.com/XXX].]

[Use a [Test to Swim™ Station] [device/station name] (at participating retailers) or download the Test to Swim™ [application name] app from your smartphone] [for expert water analysis, product recommendations, and dosage instructions].]

{Dealer Channel}

[Take a spa water sample to your [brand] dealer frequently to test for water balance.] Maintain free available chlorine between 3 – 5 ppm.]

{OR}

[For best product performance, swimmer comfort and crystal clear water, use [brand] pool care products to maintain the following water balance:

Acceptable Range for Balance	
Total Alkalinity	60 - 100 ppm
pH	7.2 - 7.8
Calcium Hardness	Above 200 ppm
Available Chlorine	3 - 5 ppm

Note: Follow label directions for each product and allow each product to dissolve and disperse before adding additional products to the spa. Always check and adjust total alkalinity before adjusting pH levels. [Use a test kit [or test strips] that measure[s] all these ranges.]

[[OPENING YOUR SPA] [STARTUP (FRESHLY FILLED SPA)]:

Add [0.7 ounce] [3 tablets] [(#³ bag[s]⁴)] of this product for each 500 gallons of water. Repeat dosage as needed until the free available chlorine residual is 3-5 pm.]

[[ROUTINE CHLORINATION:

Add [0.7 ounce] [3 tablets] [(# bag[s])] of this product per 500 gallons of water as often as needed to maintain the free available chlorine residual at 3-5 ppm.]

[SHOCK TREATMENT [/ SUPER CHLORINATION]:

After each use, shock treat with [2 ounces] [8 tablets] [(# bag[s])] of this product per 500 gallons of water, to control odors and algae. Repeat as needed.]

[FOR PREVENTATIVE ALGAE CONTROL: Add a shock dosage weekly. However, if problems persist use your preferred [brand] [spa] algacide product regularly. Follow label directions on that product.]

[EXTENDED NON-USE PERIOD:

During extended non-use periods when the spa or hot tub is not being used add [2 ounce] [8 tablets] [(# bag[s])] of this product per 500 gallons twice a week with the circulation system running or as needed to maintain 3-5 ppm free available chlorine.]

[It is recommended that spas and hot tubs be drained every 30-90 days, more often under heavy use. Consult manufacturer's recommendations concerning the compatibility of chlorine sanitizers with their equipment. Some oils, lotions, fragrances, cleansers, or other contaminants may cause foaming or cloudy water and may react with chlorine sanitizers to reduce their efficacy.]

{Use 3} [SEWAGE & WASTEWATER EFFLUENT TREATMENT]

The disinfection of sewage effluent must be evaluated by determining the total number of coliform bacteria and/or fecal coliform bacteria, as determined by the Most Probable Number (MPN) procedure,

³ Single use bag sizes may vary from 1 oz to 32 oz. The value for # will be calculated using the following formula:

= dosage (oz) / bag size (oz)

For instance, if a 1 oz bag is used, the 2 oz dosage will say "2 oz (2 bags)". No partial bag dosages (e.g. 1 ½ bags) will be listed.}

⁴ The word "bag[s]" may be substituted with other single use packing such as "pouch[es]", "pod[s]", or "pack[s]".

of the chlorinated effluent has been reduced to or below the maximum permitted by the controlling regulatory jurisdiction.

On the average, satisfactory disinfection of secondary wastewater effluent can be obtained when the chlorine residual is 0.5 ppm after 15 minutes contact. Although the chlorine residual is the critical factor in disinfection, the importance of correlating chlorine residual with bacterial kill must be emphasized. The MPN of the effluent, which is directly related to the water quality standards requirements, is the final and primary standard and the chlorine residual is an operating standard valid only to the extent verified by the coliform quality of the effluent.

The following are critical factors affecting wastewater disinfection.

1. Mixing: It is imperative that the product and the waste water be instantaneously and completely flash mixed to assure reaction with every chemically active soluble and particulate component of the waste water.
2. Contacting: Upon flash mixing, the flow through the system must be maintained.
3. Dosage/Residual Control: Successful disinfection is extremely dependent on response to fluctuating chlorine demand to maintain a predetermined, desirable chlorine level. Secondary effluent should contain 0.2 to 1.0 ppm chlorine residual after a 15 to 30 minute contact time. A reasonable average of residual chlorine is 0.5 ppm after 15 minutes contact time.

EFFLUENT SLIME CONTROL – Apply a 100 to 1000 ppm available chlorine solution at a location which will allow complete mixing. Prepare this solution by mixing 3 to 29 oz. of this product with 100 gallons of water. Once control is evident, apply a 15 ppm available chlorine solution. Prepare this solution by mixing 0.43 oz. (12 gm.) of this product with 100 gallons of water.

{Dosage Table for 285-300 gram tablets}

Pool Size, Gallons	Number of tablets to use a starting point dosage	
	Stabilized	Not Stabilized
	Number of tablets	Number of tablets
2,500		1
3,000		1
3,500		1
4,000	1	1
4,500	1	1
5,000	1	2
5,500	1	2
6,000	1	2
6,500	1	2
7,000	1	3
7,500	2	3
8,000	2	3
9,000	2	3
10,000	2	4
11,000	2	4
12,000	2	5
13,000	2	5
14,000	2	6
15,000	3	6
16,000	3	7
17,000	3	7
18,000	3	7
19,000	3	7
20,000	3	7
25,000	4	9
30,000	5	10
35,000	6	11
40,000	6	12
45,000	6	14
50,000	7	16
55,000	7	18
60,000	8	20
65,000	9	22
70,000	10	23
75,000	11	24
80,000	12	25
85,000	13	27
90,000	14	29
95,000	15	31
100,000	16	33

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