

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460



United States
Environmental Protection
Agency

Office of Pesticide Programs

August 01, 2008

FILE COPY

John R. French
Arch Chemicals, Inc.
1955 Lake Park Drive, Suite 100
Smyrna, GA 30080

Subject: **HTH Duration Clean Capsules**
EPA Registration Number: 1258-1259
Application Dated: July 01, 2008
Receipt Date: July 03, 2008

Dear Mr. French:

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

Proposed Notification

- Typographical Error
"Pool Shock Treatment"

General Comment

Based on a review of the material submitted, the following comment applies:

This notification is accepted and a copy has been inserted in your file for future reference.

Should you have any questions concerning this letter, please contact Wanda Henson at (703) 308-6345.

Sincerely,

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



United States
Environmental Protection Agency
 Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 1258-1259	2. EPA Product Manager E. Mitchell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) HTH Duration Clean Capsules	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) Arch Chemicals, Inc. 1955 Lake Park Drive, Suite 100 Smyrna, GA 30080 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

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

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification to correct minor errors of omission.

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 10 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container

3. Location of Net Contents Information
 Label Container

4. Size(s) Retail Container
Various

5. Location of Label Directions
 container

6. Manner in Which Label is Affixed to Product
 Lithograph Paper glued Stenciled Other _____

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name John R. French, Ph.D.	Title Senior Regulatory Manager	Telephone No. (Include Area Code) 770-805-3226
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Certification
 I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature
 John R. French
Digitally signed by John R. French
 DN: cn=John R. French, ou=Arch Chemicals, Inc., ou=email=jrfrench@archchemicals.com, c=US
 Date: 2008.06.30 13:18:36 -0400

3. Title
 Senior Regulatory Manager

4. Typed Name
 John R. French, Ph.D.

5. Date
 June 30, 2008

6. Date Application Received
 (Stamped)

Arch Chemicals, Inc.

1955 Lake Park Drive
Suite 100
Smyrna, GA 30080
Tel: 770.801.6600



3/17
June 30, 2008
Via Federal Express

Ms. Emily Mitchell (PM-32)
Office of Pesticide Programs (7504P)
C/O Document Processing Desk (NOTIF)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Subject: HTH Duration Clean Capsules (EPA Reg. No. 1258-1259)
Notification to correct typographical errors

Dear Ms. Mitchell:

This action constitutes a notification to correct typographical errors of omission that were borne on the previous version of this label.

In support of this amendment, enclosed please find the following documents:

- Application for pesticide (8570-1);
- Two copies of the product labeling with the changes appearing in red font.

Please feel free to contact me at any time, either by telephone (direct: 770-803-3226) or by e-mail (JRFrench@archchemicals.com) with regard to this action.

Sincerely,

A handwritten signature in black ink that reads "John R. French". The signature is written in a cursive, flowing style.

John R. French, Ph.D.
Senior Regulatory Manager

MASTER LABEL*Latest changes in red.*

[All text in square brackets [AAA] is optional and may/may not be included on final label]

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

{FRONT PANEL- MANDATORY LANGUAGE FOR ALL LABELS}**HTH® DURATION CLEAN CAPSULES****ACTIVE INGREDIENT:**

CALCIUM HYPOCHLORITE	47.6%
OTHER INGREDIENTS	52.4%
TOTAL	100.0%
Minimum Available Chlorine	45 %

KEEP OUT OF REACH OF CHILDREN**DANGER**

Contamination or improper use may cause intense 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.** {Optional – for use on residential use swimming pool products} **[Do not mix this product with a small amount of water. Only add directly to your pool or spa.] Do not add water to this product.** {Optional – for use on residential use swimming pool and spa products} **[Do not remove floater or other dispensing device from water for more than five minutes if it contains tablets or tablet residue.] Add only into water. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through skin.**

Read all precautionary statements and all first aid statements on [back] [side] panel before use.

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. Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **IN CASE OF EMERGENCY CALL: 1-800-654-6911**

Net Wt. xxx

{BACK OR SIDE PANEL-MANDATORY LANGUAGE FOR ALL LABELS}

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through skin.

- Open in a well ventilated area. Avoid breathing dust and fumes.
- Do not get in eyes, on skin or on clothing. Wear goggles and rubber gloves. For additional protection of skin, wear long sleeves and long pants.
- Wash hands after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove contaminated clothing and wash clothing before reuse.

PHYSICAL and CHEMICAL HAZARDS:

DANGER. If product is exposed to small amounts of water, it can react violently to produce heat and toxic gas and spatter. Do not add water to this product. Add only into water.

- Do not mix this product with a small amount of water. {Optional – for use on residential use swimming pool and spa products.} [Only place this product directly in the skimmer [floater] [feeder].
- 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.
- 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. If used with a skimmer, make sure skimmer is completely clean and free of residue from other water treatment products before putting this product in a skimmer.

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 away from heat or open flame.

Strong oxidizing agent. This product can increase fire intensity.

- Keep away from heat and from flame and burning material (like a lighted cigarette).

{First sentence of paragraph below for 50 lb. containers or less; complete paragraph for all other sizes}

ENVIRONMENTAL HAZARD: 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: {Optional statements – usage depends on whether or not refillable or nonrefillable containers are used and whether or not product is packaged for household/residential use only}

{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:

1. Do not reseal container.
2. Immediately remove container to an open and well-ventilated outdoor area by itself.
3. Flood with large amounts of water until the material is dissolved.
4. Dispose of container and any remaining contaminated material in an approved landfill area

Sold by:

Arch Chemicals, Inc.

P.O. Box 723547

Atlanta, GA 31139-3547

[HTH] [brand] brand HELPLINE

Toll-Free -800-[HTH] [brand]-POOL (800-484-7665) (866-4POOLFUN) (1-866-4766-5386)

Call 7 days a week with your questions concerning pool water care.

8:00 a.m. - 10:00 p.m. Eastern Time

[Visit [brand]: www.xxx.com]

[HTH] [pH Plus] [Sock It] [Super Sock It] [Duration] are registered trademark[s] of Arch Chemicals, Inc.
[Clean 'n Scrub] [Shock 'n Swim] [HTH logo] are trademark[s] of Arch Chemicals, Inc.

EPA Reg. No. 1258-1259 EPA Est. No. xxx

{OPTIONAL MARKETING CLAIMS}

{For all products}

[use Our 4 Simple Steps For A Beautiful Pool!

- 1 balance your pool water
- 2 sanitize to keep bacteria away
- 3 shock to maintain water clarity
- 4 prevent algae from growing

[Spend more time in your pool and less time cleaning]

[With our legacy of excellence, you can trust us with your pool care]

[We are proud to be the do-it-yourself pool care experts with over 80 years of experience, continual research and product innovation.]

[Need help? Easy to use pool and spa care tips and detailed product information are just a click away. Simply log on to www.hthpools.com or call 1-866-HTH-POOL.]

[{recycle symbol} Made from 10% recycled paper]

{For the 285 Gram [capsules] [cubes] [tablet] [caplet] Package}

[Kills bacteria]
 [Controls Algae]
 [Destroys organic contaminants]
 [Routine Chlorinator]
 [Restores a crystal clarity to pool water]
 [Buffered sanitizer]
 [Oxidizer]
 [Removes organic waste and produces sparkling clean swimming pool water].

[Designed for skimmer use]
 [Convenient]
 [Easy to use]
 [Each tablet [caplet] [capsule] lasts for days]
 [Long lasting tablet [caplet] [capsule]].
 [Slow dissolving]
 [Chlorinates up to 1 week]
 [For routine use in skimmers, floaters, and feeders].
 [Chlorine lasts up to one week].
 [Innovative, exclusive technology]
 [Patent Pending]
 [Will not cause over-stabilization].
 [Will not cause cyanuric acid to [form] {or} [build up] in your pool.]
 [Contains no cyanuric acid.]
 [Sanitizes pool water.]
 [Swimming pool sanitizer]
 [Good for all pool surfaces.]
 [Now with scale inhibitor]
 [Will not cause scale]
 [inhibits scale formation]
 [Contains Skin Softener]
 [Step 1]
 [Triple Action]
 [Contains scale inhibitor]
 [Softens water]
 [Multi-action chlorinating skimmer tablets]
 [Inhibits scale]

{Optional statements for Mass Retail Brands}

[Step 1 Balance
 Step 2 Sanitize
 Step 3 Shock
 Step 4 Prevent Algae]

{Optional statement for inclusion on dealer direct brands}

[Step 1. Sanitize
 Step 2. Shock
 Step 3. Add Algaecide]

{For the 300 Gram [capsules] [cubes] [caplets] [tablets] Package}

[Kills bacteria]
 [Controls Algae]
 [Destroys organic contaminants]
 [Routine Chlorinator]
 [Restores a crystal clarity to pool water]
 [Buffered sanitizer]
 [Oxidizer]
 [Removes organic waste and produces sparkling clean swimming pool water]
 [Designed for skimmer use]
 [Convenient]
 [easy to use]
 [each tablet lasts for days]
 [long lasting tablet]
 [Slow dissolving]
 [Chlorinates up to 1 week]
 [For routine use in skimmers, floaters, and feeders]
 [Chlorine lasts up to one week]
 [Innovative, exclusive technology]
 [Patent Pending]
 [Will not cause over-stabilization]
 [Will not cause cyanuric acid to [form] {or} [build up] in your pool.]
 [Contains no cyanuric acid.]
 [Sanitizes pool water.]
 [Swimming pool sanitizer]
 [Good for all pool surfaces.]
 [now with scale inhibitor]
 [will not cause scale] [inhibits scale]
 [Step 1]
 [Triple Action]
 [Contains scale inhibitor]
 [Softens water]
 [Multi-action chlorinating skimmer tablets] [Inhibits scale]

{For the Tablets package}

[Kills bacteria]
 [Controls Algae]
 [Destroys organic contaminants]
 [Routine Chlorinator]
 [Restores a crystal clarity to pool water]
 [Buffered sanitizer]
 [Oxidizer]
 [Removes organic waste and produces sparkling clean swimming pool water]
 [Designed for skimmer, feeder or floater use]
 [Provides effective chlorination at an economical price]
 [Convenient], [easy to use]
 [Slow dissolving]
 [For routine use in skimmers, floaters, and feeders]
 [Innovative, exclusive technology]
 [Patent Pending]
 [Will not cause over-stabilization]
 [Will not cause cyanuric acid to [form] {or} [build up] in your pool.]
 [Contains no cyanuric acid.]
 [Sanitizes pool water.]
 [Swimming pool sanitizer]

- [Good for all pool surfaces.]
- [now with scale inhibitor]
- [will not cause scale] [inhibits scale]
- [Triple Action]
- [Contains scale inhibitor]
- [Softens water]
- [Multi-action chlorinating skimmer tablets]
- [Inhibits scale]

{SWIMMING POOL USES}**{For the 285 Gram [capsules] [cubes] [tablet] [caplet] Package}****WHY YOU SHOULD USE THIS PRODUCT**

[brand] [[capsules] [cubes]] [caplets] [tablets] are a slow dissolving product that is easy and convenient to use. This product controls algae, kills bacteria and destroys organic contaminants. These [capsules] [cubes] [caplets] [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. [For [crystal] [clear] [clean] pool water, follow our 4 step pool care program: Step 1: Test and balance pool water; Step 2: Sanitize; Step 3: Shock at least once a week; and Step 4: Add algaecide as directed.]

[Take a pool water sample to your authorized [brand] dealer regularly for a detailed water analysis.]

[Additional shocking to keep water clean and clear is recommended after:

- Rain and heavy winds
- High number of swimmers
- Increased water temperature
- Increased frequency of pool usage]

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.

DO NOT use this product with any other chlorinating compound.

DO NOT place in skimmer baskets that contain undissolved material or residue from previously used tablets or sticks.

DO NOT use this product in any floater or feeder which has previously contained other chemicals.

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 should be 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. One capsule [caplet] [tablet] weighs approximately 9.5 – 10 ounces. Place capsule(s) [caplet(s)] [tablet(s)] in the empty skimmer basket. Replace with a new capsule(s) [caplet(s)] [tablet(s)] [cube(s)] as needed. **[Do not pre-mix this product.] [Only add this product directly to your pool.]**

[Water Balance: 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
pH	7.2-7.6
Total Alkalinity	60-100 ppm
Calcium Hardness	Above 200 ppm
Available Chlorine	1-4 ppm

Follow label directions for each product and allow each product to dissolve and disperse before adding additional products to the pool. Use a reliable test kit that measures all these ranges.

OPENING YOUR POOL: For best results, refer to the Water Balance section on this package before treatment. Always adjust and maintain pH in the 7.2 to 7.6 range. 1. Follow "SHOCK TREATMENT"

directions on this package. **2.** Allow 30 minutes for product to disperse. **3.** Test free available chlorine residual with an [HTH] [brand] [HTH Poolife] pool test kit. **DO NOT** enter pool until the free available chlorine residual is 1–4 ppm. **4.** Repeat treatment as needed.

[For best results during the pool season, follow the [HTH] [brand] 4 Step Program.]

[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.]

ROUTINE CHLORINATION: For best results, see Water Balance section before treatment. Throughout the pool season, adjust pH to 7.2-7.6. Begin by using 3 [capsules] [cubes] [caplets] [tablets] [cube(s)] of this product per 7,000 gallons of pool water. If you stabilize your pool using [brand] stabilizer and conditioner, begin by using 1 capsule [caplet] [tablet] of this product per 7,000 gallons of pool water. After one day, use a [brand] test kit to check free available chlorine residual. Increase or decrease the number of [capsules] [cubes] [caplets] [tablets] to maintain a free available chlorine residual of 1-4 ppm. Follow "HOW TO USE" directions on this package.

[FOR FLOATER / FEEDER USE: Use only in a new floater/feeder or a floater/feeder that has previously contained only this product. Place the required number of [capsules] [cubes] [caplets] [tablets] in the chamber. If the floater / feeder is equipped with adjustable chamber, set the openings to allow maximum water flow past the tablets. Test water and adjust to maintain 1 to 4 ppm free available chlorine residual. When the [capsules] [cubes] [caplets] [tablets] are completely dissolved, replace with new [capsules] [cubes] [caplets] [tablets] as needed.]

POOL SHOCK TREATMENT: For best results, see Water Balance section above before treatment.

- 1. Adjust and maintain pH to 7.2-7.6 with [HTH] [brand]® [brand] pH Plus® or [HTH] [brand]® brand pH Minus. Follow label directions on that product. Allow product to disperse before proceeding.**
- 2. Shock treat using [HTH] brand]® [brand] shock products. Follow label directions on those products.**
- 3. DO NOT enter pool until the free available chlorine residual is 1-4 parts per million (ppm).**

{For the 300 Gram [capsules] [cubes] [caplets] [tablets] Package}

[WHY YOU SHOULD USE THIS PRODUCT

[brand][capsules] [cubes] [caplets][tablets] are a slow dissolving product that is easy and convenient to use. This product controls algae, kills bacteria and destroys organic contaminants. These [capsules] [cubes] [caplets][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. [For [crystal] [clear] [clean] pool water, follow our 4 step pool care program: **Step 1: Test and balance pool water ; Step 2: Sanitize; Step 3: Shock at least once a week; and Step 4: Add algacide as directed.**]

[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.]

[Additional shocking to keep water clean and clear is recommended after:

- Rain and heavy winds
- High number of swimmers
- Increased water temperature
- Increased frequency of pool usage]

{Optional statement for inclusion on dealer direct brands}

[Step 1. Sanitize

Step 2. Shock

Step 3. Add Algacide]

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.

DO NOT use this product with any other chlorinating compound.

DO NOT place in skimmer baskets that contain undissolved material or residue from previously used tablets or sticks.

DO NOT use this product in any floater or feeder which has previously contained other chemicals.

HOW TO USE: One [capsule] [caplet] [tablet] [cube] weighs approximately 285 - 300 grams (10 to 10.5 ounces). **Do not allow this product to contact other pool treatment products. Do not pre-mix this product. Only add this product directly to your pool. Use only in pools with a skimmer and skimmer basket.** Skimmer basket should be 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. Place [capsule(s)] [cubes] [caplet(s)] [tablet(s)] in the empty skimmer basket. Replace with a new [capsule(s)] [cubes] [caplets] [tablets] as needed.

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

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

Follow label directions for each product and allow each product to dissolve and disperse before adding additional products to the pool. Use a reliable test kit that measures all these ranges.

OPENING YOUR POOL: For best results, see the Water Balance section above before treatment. Always adjust and maintain pH in the 7.2 to 7.6 range. **1.** Follow "SHOCK TREATMENT" directions on this package. **2.** Allow 30 minutes for product to disperse. **3.** Test free available chlorine residual with a pool test kit. **DO NOT** enter pool until the free available chlorine residual is 1-4 ppm. **4.** Repeat treatment as needed.

[For best results during the pool season, follow the [brand] [4 Step Program] {or} [brand] [3 step system]]

ROUTINE CHLORINATION: For best results, see Water Balance section above before treatment. Throughout the pool season, adjust pH to 7.2-7.6. Begin by using 3 [capsules] [cubes] [caplets] [tablets] of this product per 7,000 gallons of pool water. If you stabilize your pool using [HTH] [brand] stabilizer and conditioner, begin by using 1 capsule [caplet] [tablet] of this product per 7,000 gallons of pool water. After one day, use a [brand] test kit to check free available chlorine residual. Increase or decrease the number of [capsules] [cubes] [caplets] [tablets] to maintain a free available chlorine residual of 1-4 ppm. Follow "HOW TO USE" directions on this package.

[FOR FLOATER / FEEDER USE: Use only in a new floater/feeder or a floater/feeder that has previously contained only this product. Place the required number of [capsules] [cubes] [caplets] [tablets] in the chamber. If the floater / feeder is equipped with adjustable chamber, set the openings to allow maximum water flow past the tablets. Test water and adjust to maintain 1 to 4 ppm free available chlorine residual. When the [[capsules] [cubes]] [caplets] [tablets] are completely dissolved, replace with new [[capsules] [cubes]] [caplets] [tablets] as needed.]

[SHOCK TREATMENT: For best results, see Water Balance section above before treatment.

1. **Adjust and maintain pH to 7.2-7.6 with [HTH®] [brand] pH Plus® or [HTH] [brand] pH Minus. Follow label directions on that product. Allow product to disperse before proceeding.**
2. Shock treat using [brand(s)] shock products. Follow label directions on those products.
3. DO NOT enter pool until the free available chlorine residual is 1-4 parts per million (ppm).]

For preventative algae control, use your preferred [HTH] [brand] algaecide product [brand] regularly.

{For the Tablets package}

[WHY YOU SHOULD USE THIS PRODUCT

Tablets are a multipurpose product that controls algae, kills bacteria and destroys organic contaminants. These convenient & easy to use tablets are designed to dissolve slowly, providing a steady source of available chlorine for complete swimming enjoyment in your pool. [For [crystal] [clear] [clean] pool water, follow our 4 step pool care program: **Step 1: Test and balance pool water; Step 2: Sanitize; Step 3: Shock at least once a week; and Step 4: Add algaecide as directed.**]

[Take a pool water sample to your authorized [brand] dealer regularly for a detailed water analysis.]

[Additional shocking to keep water clean and clear is recommended after:

- Rain and heavy winds
- High number of swimmers
- Increased water temperature
- Increased frequency of pool usage]

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.

Do not allow this product to contact other pool treatment products.

DO NOT use this product with any other chlorinating compound.

DO NOT place in skimmer baskets that contain undissolved material or residue from previously used tablets or sticks.

DO NOT use this product in any floater or feeder which has previously contained other chemicals.

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. Floating dispenser or feeder should be free of all other water treatment products before adding recommended amount of this product. 2. Use the skimmer. Skimmer basket should be 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 [HTH] [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: For best product performance, swimmer comfort and crystal clear water, [brand] pool care products to maintain the following water balance:

	Acceptable Range for Balance
pH	7.2-7.6

Total Alkalinity	60-100 ppm
Calcium Hardness	Above 200 ppm
Available Chlorine	1-4 ppm

Follow label directions for each product and allow each product to dissolve and disperse before adding additional products to the pool. Use a [brand] test kit that measures all these ranges.]

OPENING YOUR POOL: For best results, see the Water Balance section above before treatment. Always adjust and maintain pH in the 7.2 to 7.6 range. **1.** Follow "SHOCK TREATMENT" directions on this package. **2.** Allow 30 minutes for product to disperse. **3.** Test free available chlorine residual with a pool test kit. DO NOT enter pool until the free available chlorine residual is 1-4 ppm. **4.** Repeat treatment as needed.

ROUTINE CHLORINATION: For best results, see Water Balance section above before treatment. Throughout the pool season, adjust pH to 7.2-7.6. Add 8 to 11 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. Follow "HOW TO USE" directions on this package. If your pool is stabilized using [HTH] [brand] brand stabilizer and conditioner, add 4 - 6 ounces per 10,000 gallons of pool water every other day or as often as needed to maintain the free available chlorine residual at 1-4 ppm. Follow "HOW TO USE" directions on this package.

[SHOCK TREATMENT: For best results, see Water Balance section above before treatment.

1. Adjust and maintain pH to 7.2-7.6 with [HTH] [brand] pH Plus or [HTH] [brand] pH Minus. Follow label directions on that product.

2. Shock treat using [HTH] [brands] of shock products. Follow label directions on those products.

3. DO NOT enter pool until the free available chlorine residual is 1-4 parts per million (ppm).

For preventative algae control, use your preferred [HTH] [brand] algaecide product regularly.]

{SPA / HOT TUB USES}**{For the Tablets package}**

[SPA/HOT-TUB: For best results, see "WATER BALANCE" section above before treatment. Apply 0.7 ounces (about 3 tablets) of this product per 500 gallons of water to the skimmer to obtain a free available chlorine concentration of 5 ppm, as determined by a suitable test kit. Adjust and maintain spa water pH to between 7.2 and 7.6. Maintain these conditions for proper spa and hot tub operation by frequent testing with a test kit. 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, etc., may cause foaming or cloudy water and may react with chlorine sanitizers to reduce their efficacy.]

[Regular Use: For best results, see "WATER BALANCE" section before treatment. Turn on circulation system and ensure that it is operating properly. To maintain the water, apply 0.7 ounces (about 3 tablets) of this product per 500 gallons of water to the skimmer to maintain a chlorine concentration of 5 ppm. Do not enter the spa until chlorine residual reaches 1-5 ppm. Test for free available chlorine and add additional product if necessary to attain a chlorine concentration of 1-5 ppm free available chlorine. After each use, shock treat with 2 ounces (about 8 tablets) of this product per 500 gallons of water, to control odor and algae. Repeat as needed.]

[Extended Non-use Period: For best results, see "WATER BALANCE" section before treatment. During extended periods when the spa or hot tub is not being used add 2 ounces (about 8 tablets) of this product per 500 gallons twice a week with the circulation system running or as needed to maintain a 3 ppm free available chlorine concentration.]

{COMMERCIAL USES}**{For the Tablets package}****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, 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, should be the final and primary standard and the chlorine residual should be considered 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 Tables

Pool Size, Gallons	Number of [capsules] [cubes] [caplets] [tablets] to use a starting point dosage	
	Stabilized	No Stabilizer
	Number of [capsules] [cubes] [caplets] [tablets]	Number of [capsules] [cubes] [caplets] [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

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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

{Optional }

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