



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SA  
AND POLLUTION PREVEN

MAY 24 2010

John R. French  
Arch Chemicals, Inc.  
5660 New Northside Drive  
Suite 1100  
Atlanta, GA. 30328

Subject: HTH 140 Gram Tablets  
EPA Registration Number 1258-1232  
Application Date: February 23, 2010

Dear Mr. French:

The Agency has reviewed your submission in accordance with continuing registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA), as amended, and determined the action to be acceptable with the following conditions:

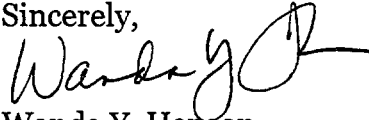
- We have deleted the referenced web site [www.xxx.com](http://www.xxx.com) as the Agency was unable to access this web site to review. The Agency is required to review any web page referenced on the label for compliance with FIFRA.
- We have deleted the public health pathogens *Escherichia coli* and *Enterococcus faecium*. Product performance data are required for these claims and would be limited to the targeted test site, for example, swimming pools or spas, not all water. The data cited in your cover letter do not apply as the test material was not substantially similar.

Your application states that Child Resistant Packaging is not required for this product. That is not the case for any of your calcium hypochlorite swimming pool products less than 50 pounds. You are advised to review the requirements established in 40 CFR §157.20 through §157.36.

In summary, your request to amend your label by updating the Storage and Disposal instructions, the precautionary statements and adding uses established in the Calcium and Sodium Hypochlorite RED is acceptable.

A copy of your stamped conditionally accepted label is enclosed. Please submit a finished label for our files. Should you have any questions or comments concerning this letter, please contact Tom Luminello at (703) 308-8075.

Sincerely,



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

**MASTER LABEL**

Last changes in red.

[All text in brackets {AAA} is optional and may/may not be included on final label]  
{All text in braces {AAA} is for information purposes and will not appear on final label}

**HTH<sup>®</sup> 140 GRAM TABLETS**

ACTIVE INGREDIENT: CALCIUM HYPOCHLORITE .....	68%
OTHER INGREDIENTS: .....	32%
TOTAL: .....	100%

MINIMUM AVAILABLE CHLORINE...65%

KEEP OUT OF REACH OF CHILDREN

**DANGER**

Contamination or improper use may cause fire or 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. Add only into water. Highly Corrosive. Causes skin and eye damage. May be fatal if swallowed.

See back panel for additional precautionary statements.

**FIRST AID: {REQUIRED ON FRONT PANEL}**

**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 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 a poison control center or doctor for further 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.

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**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed. Irritating to nose and throat. Do not get in eyes, on skin or clothing. Do not handle with bare hands. Wear safety goggles or face shield, and rubber gloves when handling this product. For additional skin protection, 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. Open in a well ventilated area. Do not breathe dust or fumes. Remove and wash contaminated clothing before reuse.

**PHYSICAL and CHEMICAL HAZARDS:**

**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. Add only into water.**

- Do not allow to become wet or damp before use.
- Can react with other materials, including other water treatment products, to cause intense fire, explosion, and the release of toxic gases.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAY 24 2010

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.

1258-1232

**MASTER LABEL**

Last changes in red.

- Keep all foreign matter, including other water treatment products, away from this product. Use only clean dry equipment to dispense this product.
- Do not use this product in a container or dispensing device that has been used with any other product.

**Exposure to heat can cause this product to rapidly decompose, leading to intense 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 (like a lighted cigarette).

{Environmental hazards statement for end-use products in containers less than 5 gallons (liquid) or less than 50 pounds (solid, dry weight) use only the first sentence. All others use the 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 public 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. Dispose of the container and any remaining contaminated material in an approved landfill area.

ACCEPTED WITH COMMENTS  
in EPA Letter Dated:

MAY 24 2010

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No.

**MASTER LABEL**

EPA REG. NO. 1258-1232

EPA EST. NO. Yyyy-zzzz

Last changes in red.

Net Wt. xxxx

Sold by:  
Arch Chemicals, Inc.  
P.O. Box 723547  
Atlanta, GA 31139-3547

[HTH®] [PACE®] [Sock It®], [Super Sock It®] and [pH Plus®] (brand name) are REGISTERED TRADEMARKS OF ARCH CHEMICALS, INC.

Patent no. 4,728,454  
MADE IN USA



{Optional} [

]



[[HTH] [POOLIFE] [Brand Name] HELPLINE  
[866-HTH-POOL]  
[866-4-POOL-FUN]

Toll Free  
Call 7 days a week with your questions concerning pool water care. 8:00 a.m. - 10:00 p.m. Eastern time

- {MARKETING CLAIMS}
- {Statements available to all labels}
- [65% available chlorine]
- [Provides effective chlorination at an economical price]
- [Easy to use]
- [Dissolves slowly for continuous chlorination]
- [Kills bacteria, destroys organic contaminants and controls algae]
- [Kills bacteria]

- [Controls algae]
- [Destroys organic contaminants]
- [Sanitizes pool water]
- [Swimming pool sanitizer]
- [No risk of over stabilization]
- [Will not cause over stabilization]
- [Good for all pool surfaces]

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

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Fungicide, and Rodenticide Act as  
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**MASTER LABEL**

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**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.

~~When used in accordance with its label, this product will sanitize water by killing the following organisms:~~  
~~Escherichia coli~~  
~~Enterococcus faecium~~      *deleted*

**{Use 1} [SWIMMING POOLS**

**[WHY YOU SHOULD USE THIS PRODUCT:** [Brand tablets or briquettes] are a multipurpose product that controls algae, kills bacteria and destroys organic contaminants. These convenient & easy to use [brand tablets or briquettes] are designed to provide a steady source of available chlorine for safe swimming enjoyment in your pool.

**[WHY YOU SHOULD USE THIS PRODUCT:** This is a highly effective, multi-purpose product that [sanitizes], [clarifies], [helps] prevent[s] algae and [shock treats your pool]. It is convenient, easy to use, and won't over-stabilize your pool. [For crystal clean [clear] pool water, follow our 4 step pool care program: Step 1: Test and adjust pool water balance, Step 2: Chlorinate and clarify, Step 3: Shock treat your pool at least once a week, and Step 4: Add algaecide regularly [where needed].] [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] [clean] pool water, [brand] recommends following our 4 step pool care program: Step 1: Test and adjust pool water balance, Step 2: Chlorinate and clarify, Step 3: Shock treat your pool once a week, Step 4: Add algaecide regularly [where needed].]

[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.]

**HOW TO USE:** One tablet weighs 5 ounces.

Do not allow this product to contact other water treatment products. [Do not pre-mix this product.] [Only add this product directly to your pool.] Add the recommended dosages of this product during evening hours while the filter pump is running. You may place this product into your pool in the following ways:

- a) Use a floating dispenser or feeder designed for this product. Use only new feeders or floaters that have previously contained only this product. Do not reuse floaters or feeders from other brands of dry chlorinator [tablets] [briquettes]. Do not throw [tablets] [briquettes] directly into pool or use in any chlorinating device that has been used with other chlorinating compounds.
- b) Use a skimmer. Skimmer basket should be clean and free of all other water treatment products before adding recommended amount of this product.

**WATER BALANCE:** For best product performance, swimmer comfort and crystal clear water, maintain pH in the 7.2-7.6 range. Maintain total alkalinity in the 60-120 parts per million (ppm) range {retail brands only; commercial brands for very large commercial or municipal pools will use 60 to 100 ppm total alkalinity}. Maintain calcium hardness above 200 ppm. Use a reliable test kit that measures all these ranges. Use the [[brand] pool care products] to make adjustments. Follow label directions for each product.

**OPENING YOUR POOL:** For best results, see Water Balance section above before treatment. Adjust and maintain pH in the 7.2 to 7.6 range. Follow "Shock Treatment" directions on this package. Allow product to dissolve. Test free available chlorine residual with a pool test kit. Do not re-enter pool until the free available chlorine residual is 1 to 4 ppm. Repeat treatment as needed.]

ACCEPTED  
WITH COMMENTS  
in EPA Letter Dated:  
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[For best results [during the season], follow [our] [the [brand name] 4 step pool care program [outlined below]].

7/7

**MASTER LABEL****Last changes in red.**

**ROUTINE CHLORINATION:** For best results, see Water Balance section above before treatment. Throughout the pool season, adjust and maintain pH to 7.2-7.6.

**FOR UNSTABILIZED POOLS:** Begin by using 2 tablets (10 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 POOLS STABILIZED USING [brand name]:** Add 1 tablet (5 ounces) of this product per 10,000 gallons 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/ SUPERCHLORINATION:** For best results, see Water Balance section above before treatment. Adjust pH to 7.2 to 7.6 [with [brand name]]. Follow label directions. Shock treat using [brand name] chlorine shock product. Follow label directions on that product. Do not reenter pool until the free available chlorine residual is 1 to 4 ppm. Shock treat your pool when opening, then weekly to prevent pool problems. In the summer months when the pool water temperature is 80° F or above, or if the chlorine residual falls rapidly after regular chlorination, super chlorination is recommended. Use a chlorine shock product and follow the directions on that product for superchlorination.

**ALGAE CONTROL:** Follow Shock Treatment directions on this label. Add this product through skimmer or use in floater. See "HOW TO USE". DO NOT enter pool until the free available chlorine residual is 1-4 ppm. If necessary, repeat the treatment. Immediately after treatment, and [tablets] [briquettes] are dissolved, thoroughly clean pool by brushing surface of algae growth, vacuum and cycle through filter.

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

**WINTERIZING:** For best results, see Water Balance section above before treatment. Gradually add 30 ounces of this product (6 [tablets or briquettes]) per 10,000 gallons of pool water that is clear and clean. This provides 15 ppm free available chlorine. Follow "HOW TO USE". Run the filter until this product is completely dissolved. Cover the pool with a pool cover. Prepare the heater, pump and filter components for winterizing by following manufacturer's directions.

TO DETERMINE YOUR POOL CAPACITY IN U.S. GALLONS, USE THE APPROPRIATE FORMULA BELOW:

POOL SHAPE FORMULA (Use measurements in feet only)

RECTANGULAR - Length x Width x Average Depth x 7.5 = Total Gallons

ROUND - Diameter x Diameter x Average Depth x 5.9 = Total Gallons

OVAL - Maximum Length x Maximum Width x Average Depth x 5.9 = Total Gallons

FREEFORM - Surface Area (Sq. Feet) x Average Depth x 7.5 = Total Gallons]

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