

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 24 2008

Mr. John R. French, Ph.D.  
Arch Chemicals, Inc.,  
1955 lake Park Drive  
Smyrna, GA, 30080

Subject: **HTH Algacide**  
EPA Registration Number 1258-1077  
Notification Application Dated July 1, 2008

Dear Mr. French:

This will knowledge receipt of your notification, submitted under the provisions of FIFRA section 3c 9. Based on a review of the submitted material the following comment apply.

**Proposed Amendment:**

Adding marketing claim and revise master label format

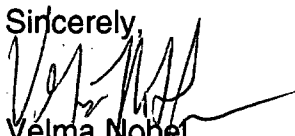
**General Comment:**

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

The notification is acceptable. A copy has been inserted in your file for future reference.

Should you have any questions concerning this letter please contact Drusilla Copeland at (703) 308-6224 or Velma Noble (70) 308-6233

Sincerely,



Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

| CONCURRENCES |  |  |  |  |  |  |  |
|--------------|--|--|--|--|--|--|--|
| SYMBOL       |  |  |  |  |  |  |  |
| SURNAME      |  |  |  |  |  |  |  |
| DATE         |  |  |  |  |  |  |  |



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

**Application for Pesticide - Section I**

|   |  |  |
|---|--|--|
| 1. Company/Product Number<br>1258-1077  | 2. EPA Product Manager<br>V. Nobel   | 3. Proposed Classification<br><input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name)<br>HTH Algaecide  | PMA#<br>31   |  |
| 5. Name and Address of Applicant (Include ZIP Code)<br>Arch Chemicals, Inc.<br>1955 Lake Park Drive, Suite 100<br>Smyrna, GA 30080<br><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:<br>EPA Reg. No. _____<br>Product Name _____ |  |

**Section - II**

Amendment - Explain below.  Final printed labels in response to Agency letter dated May 15, 2008

Resubmission in response to Agency letter dated \_\_\_\_\_  "No Too" Application.

Notification - Explain below.  Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
Notification to rephrase "shock" to "use a shock oxidizer to maintain water quality".

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:   |  |   |  | 2. Type of Container |   |
| Child-Resistant Packaging<br><input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No   | Unit Packaging<br><input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | Water Soluble Packaging<br><input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No | If "Yes" Unit Packaging wgt. No. per container                                   |                      | <input type="checkbox"/> Metal<br><input checked="" type="checkbox"/> Plastic<br><input type="checkbox"/> Glass<br><input type="checkbox"/> Paper<br><input type="checkbox"/> Other (Specify) _____ |
| * Certification must be submitted   |  | If "Yes" Package wgt. No. per container   |  |                      |   |
| 3. Location of Net Contents Information<br><input type="checkbox"/> Label <input checked="" type="checkbox"/> Container                                     |  | 4. Size(s) Retail Container<br>Various  | 5. Location of Label Directions<br><input checked="" type="checkbox"/> container |                      |   |
| 6. Manner in Which Label is Affixed to Product<br><input checked="" type="checkbox"/> Lithograph Paper glued Stenciled <input type="checkbox"/> Other _____ |  |   |  |                      |   |

**Section - IV**

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

|                               |                                    |   |
|-------------------------------|------------------------------------|---|
| Name<br>John R. French, Ph.D. | Title<br>Senior Regulatory Manager | Telephone No. (Include Area Code)<br>770-805-3226 |
|-------------------------------|------------------------------------|---|

**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<br>John R. French<br><small>Digitally signed by John R. French<br/>DN: cn=John R. French, o=Chem Corp,<br/>inc, ou=small-office@chemcorp.com,<br/>email=jr.french@chemcorp.com,<br/>c=US<br/>Date: 2008.07.01 09:53:22 -0400</small> | 3. Title<br>Senior Regulatory Manager | 6. Date Application Received (Stamped) |
| 4. Typed Name<br>John R. French, Ph.D.  | 5. Date<br>July 1, 2008               |  |

**Arch Chemicals, Inc.**  
1955 Lake Park Drive  
Suite 100  
Smyrna, GA 30080  
Tel: 770.801.6600



July 1, 2008

Ms. Velma Nobel (PM-31)  
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 Algaecide (EPA Reg. No. 1258-1077)  
Final printed label with notification rephrase per your letter dated May 15, 2008**

Dear Ms. Nobel:

This correspondence addresses your letter in response to our April 24, 2008 notification of added marketing claims. In response to your letter we have hereby rephrased the notified language on page 4 of this document to read "use a shock oxidizer to maintain water quality". It is important to note that the correct terminology for the utility of this product is to maintain water quality, not clarity per your suggested phraseology. The function of this product is not to clarify the water. Water clarifiers, i.e. flocculating agents, are used to impart swimming pool water clarity. This product is designed to mitigate the growth of algae in pool water, thereby to maintain its quality. It is an important distinction.

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

- > Application for pesticide (8570-1);
- > Two copies of the final labeling with the revision appearing in red font, page 4.

Importantly, we have not changed any other portion of this label from its previously approved version (your letter dated JAN-4-2008), whereon the singular term 'shock' appears several times.

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

Sincerely,

A handwritten signature in black ink that reads "John R. French". The signature is cursive and fluid.

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

**MASTER LABEL** (Last 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® ALGAECIDE**

**ACTIVE INGREDIENTS:**

|   |               |
|---|---------------|
| n-Alkyl (60%C14,30%C18,5%C12,5%C18) dimethyl benzyl ammonium chlorides..... | 9.96%         |
| n-Dialkyl(60%C14,30%C18,5%C12,5%C18) Methyl benzyl ammonium chlorides.....  | 0.04%         |
| <b>OTHER INGREDIENTS:</b> .....   | <b>90.00%</b> |
| <b>TOTAL</b> .....  | <b>100%</b>   |

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**SEE {BACK} {SIDE} PANEL FOR ADDITIONAL PRECAUTIONARY AND FIRST AID STATEMENTS**

**FIRST AID:** {Format consistent with PR Notice 2001-1}

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

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

**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. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, protective clothing and rubber gloves when handling. Harmful if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

{Environmental hazards statement for end-use products in containers <5 gallons (liquid)}  
**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic organisms.

{Environmental hazards statement for end-use products in containers greater than 5 gallons (liquid) as per PR Notice 93-1}

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination Systems (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 AND 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 in its tightly closed container when not in use. Nonrefillable container. Do not reuse or refill this container. Rinse empty container thoroughly with water prior to disposal. Offer for recycling if available. Do not contaminate food or feed by storage or disposal or cleaning of equipment.]

{Refillable container – household/residential use}

[Keep this product in its tightly closed container when not in use. Do not contaminate food or feed by storage or disposal or cleaning of equipment. Refillable container. Refill this container with n-Alkyl (80% C14, 30% C16, 5% C12 and 5% C18) dimethyl benzyl ammonium chloride and n-Dialkyl (80% C14, 30% C16, 5% C12, and 5% C18) methyl benzyl ammonium chloride only. Do not use this container for any other purpose. Rinse empty container thoroughly with water prior to disposal.]

{Nonrefillable container - non-household/residential use}

[Keep this product in its tightly closed container when not in use. Do not contaminate food or feed by storage or disposal or cleaning of equipment. Nonrefillable container. Do not reuse this container. Offer for recycling if available. Rinse empty container thoroughly with water prior to disposal.]

{Refillable container – non-household/residential use}

[Keep this product in its tightly closed container when not in use. Do not contaminate food or feed by storage or disposal or cleaning of equipment. Refillable container. Refill this container with n-Alkyl (80% C14, 30% C16, 5% C12 and 5% C18) dimethyl benzyl ammonium chloride and n-Dialkyl (80% C14, 30% C16, 5% C12, and 5% C18) methyl benzyl ammonium chloride 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 prior to disposal.]

Store in secure areas inaccessible to children and persons unfamiliar with the use of this product. Discard in the trash. {Redundant statement will be deleted}

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

{HTH® and the HTH Logo are registered trademarks of Arch Chemicals, Inc.

[Visit [brand]: [www.xxx.com](http://www.xxx.com)]

{Optional}



{Optional}



{[HTH] [HTH POOLIFE] (Brand Name) HELPLINE [866-4TH-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

[Visit [brand] : [www.xxx.com](http://www.xxx.com)]

EPA Reg. No. 1258-1077

EPA EST. NO. XXXXX

[Superscript Used in Lot Number]

**{OPTIONAL MARKETING CLAIMS}**

**{SHAKE WELL BEFORE USING}**

**{Controls Algae Growth}**

**{Kills and controls green, blue-green and other [swimming pool] [spa] algae} {10% strength}**

**{Prevents green, blue-green, and other [swimming pool] [spa] algae}**

**{Ideal for treating green algae}**

**{Controls growth of green, blue-green, and other [swimming pool] [spa] algae}**

**{Treats green, blue-green, and other [swimming pool] [spa] algae}**

**{Protects against green, blue-green, and other [swimming pool] [spa] algae}**

**{Protects against algae growth}**

**{Prevents algae growth}**

**{Treats algae growth}**

**{Controls algae growth}**

**{Good for all [pool] [spa] surfaces}**

**{Patent Pending}**

**{New and Improved} {Good for 6 months from 6/10/04}**

**{Non foaming formula}**

**{Non foaming algaecide}**

**{Low foam algaecide}**

**{Low foam formula}**

**{Easy to use}**

**{No premixing}**

**{Low foam}**

**{No foam}**

**{Less foam}**

**{Prevents algae}**

**{Controls algae}**

**{Kills [all types of] algae}**

**{Prevents and kills all types of algae} {combination of previously accepted marketing claims}**

**{Destroys algae}**

**{For Spas only}**

**{Keeps spa algae free}**

**{Rids spa of unsightly algae [spots]}**

**{Use for algae free [spa] water}**



**{SWIMMING POOL USES}****{Use 1-Pools}**

**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.**

**WHY YOU SHOULD USE THIS PRODUCT**

[This product, when used regularly, will kill and control the growth of {green, blue-green, and other} algae for complete {pool} {spa and hot tub} enjoyment. For best results, use with other {brand} {pool care} products. For crystal 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.

This product may be used in the same {pool} {spa or hot tub} treatment program as most commonly used {swimming pool} {spa and hot tub} chemicals, but it should not be mixed with any foreign material, such as soap or other water treating chemicals. This product works best when added {in several places} by itself directly to {pool} {spa or hot tub} water with the pump running. Wait 15 minutes before entry of {swimmers} {bathers}. {Pools} {Spas or hot tubs} with heavy growth of algae should be cleaned prior to using this product.

{Optional for pool care program}

**{WHY YOU SHOULD USE THIS PRODUCT**

[This product when used regularly will kill and control the growth of algae for complete pool enjoyment. For best results, use with other {brand} pool care products. For crystal clear pool water, follow our 4 step pool care program.

Step 1: Test and balance water.

Step 2: Sanitize.

Step 3: Shock at least once a week.

Step 4: Add algaecide as directed.]

{Optional Statement on dealer direct brands}

For best results follow a weekly program with our {brand} system. Consult with 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.]

This product may be used in the same treatment program as most commonly used pool chemicals, but should not be mixed with any foreign material other water treatment chemicals. This product works best when added in several places to the pool with the pump or circulation system running. Wait 15 minutes before entering the pool or spa. Pools with heavy growth of algae should be cleaned prior to using this product.]

**INITIAL DOSE:** Add [1 gallon of this product to 50,000 gallons] of water when filling pool at beginning of season

{Initial dose (whole pack sizes)}

[96 ounces of this product to 37,500 gallons]

[84 ounces of this product to 25,000 gallons]

[32 ounces of this product to 12,500 gallons]

**VISIBLE ALGAE:** If pool has slight visible algae growth, treat with "Initial Dose" above. Vacuum pool after 24 hours to remove algae debris. If visible algae are still present or re-appear, repeat this treatment as necessary. When pool is free of visible algae, use the "Maintenance Dose".

**MAINTENANCE DOSE:** Add [1 quart of this product to 50,000 gallons] of pool water at 3-5 day intervals. If high temperatures prevail or pool has unusually heavy use, add maintenance dose more frequently. If make-up water is added at the rate of more than 10% of pool capacity per week, add 1 quart of this product for each 10,000 gallons of fresh make-up water added per week.

[32 ounces of this product to 50,000 gallons]

[24 ounces of this product to 37,500 gallons]



[16 ounces of this product to 25,000 gallons]  
 [8 ounces of this product to 12,500 gallons]

**WINTERIZING:** When swimming season is over, adjust the pH to be between 7.2 and 7.6. Then add 1 gallon of this product to 50,000 gallons of pool water. [add 1 quart of this product to 12,500 gallons of pool water]. This dose helps provide a measure of control of algae growth during the winter months and helps the servicing of the pool before it is returned to use the following season.]. Continue to keep the pump running for several hours after additional of algaecide.

### (SPA / HOT TUB USES)

{Use 2-Spas}

**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.**

#### WHY YOU SHOULD USE THIS PRODUCT

[This product, when used regularly, will kill and control the growth of [green, blue-green, and other] algae for complete [pool] [spa and hot tub] enjoyment. For best results, use with other [brand][pool care] products. For crystal 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.

This product may be used in the same [pool] [spa or hot tub] treatment program as most commonly used [swimming pool] [spa and hot tub] chemicals, but it should not be mixed with any foreign material, such as soap or other water treating chemicals. This product works best when added [in several places] by itself directly to [pool] [spa or hot tub] water with the pump running. Wait 15 minutes before entry of [swimmers] [bathers]. [Pools] [Spas or hot tubs] with heavy growth of algae should be cleaned prior to using this product.

{Optional for pool care program}

#### [WHY YOU SHOULD USE THIS PRODUCT

[This product when used regularly will kill and control the growth of algae for complete pool enjoyment. For best results, use with other [brand] pool care products. For crystal clear pool water, follow our 4 step pool care program.

Step 1: Test and balance water.

Step 2: Sanitize.

Step 3: Shock at least once a week.

Step 4: Add algaecide as directed.]

{Optional Statement on dealer direct brands}

For best results follow a weekly program with our [brand] system. Consult with 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.]

This product may be used in the same treatment program as most commonly used pool chemicals, but should not be mixed with any foreign material other water treatment chemicals. This product works best when added in several places to the pool with the pump or circulation system running. Wait 15 minutes before entering the pool or spa. Pools with heavy growth of algae should be cleaned prior to using this product.]

**INITIAL TREATMENT:** Add 1 oz [6 teaspoons] per 390 gallons water. Initial dose is used upon filling of Spa/Hot Tub. For visible algae growth or slimy interior, treat with "Initial Dose". Remove algae debris. For maximum effectiveness, spas containing heavy algae growth should be drained and cleaned prior to treatment. Drain and clean Spa/Hot Tubs at least once a month or as needed depending on bather load.

**MAINTENANCE DOSE:** After initial treatment, to keep your spa free of algae growth, add ¼ ounce [1½ teaspoons] per 350 gallons capacity every 5-7 days. This algaecide can be used in conjunction with chlorine or bromine sanitizer systems.]

- [Step 1. Sanitize
- Step 2. Shock
- Step 3. Prevent Algae]

{Optional – refers to product guide on this label}

- {HTH Spa Product Guide
- Maintain
- Step 1
- Step 2
- Step 3
- Enhance
- Prevent}

Faint, illegible text or markings at the bottom right of the page, possibly bleed-through from the reverse side.