

1258-1077

1-4-2008

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

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

JAN - 4 2008

Mark E. Burt  
Regulatory Manager  
Arch Chemicals, Inc  
1955 Lake Park Drive  
Smyrna, GA 30080

Subject: HTH Algaecide  
EPA Reg. No. 1258-1077  
Application Dated: Dec 03, 2007  
Receipt Date: Dec 06, 2007

Dear Mark E. Burt

The following notification submitted in connection with registration under the provisions of PR Notice 98-10, Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)9. is acceptable.

**Proposed Notification**

- Revise the Label to comply with Container Regulations in Subpart H
- Add Responsible Care Symbol as Advisory Statement
- Add Marketing Text
- Add Advisory Statement

**Comments**

Based on a review of the material submitted, the following comments apply:  
This application for notification to revise your label as mentioned above is acceptable. A copy has been placed in our records for future reference.

Should you have any questions or comments concerning this letter, please contact Velma Noble at (703) 308-6233.

Sincerely,  
  
Velma Noble  
Product Manager (31)

Regulatory Management Branch 1  
Antimicrobial Division (7510e)6

**CONCURRENCES**

SYMBOL	1258-1077						
SURNAME							
DATE	1-3-08						

31  
**Arch Chemicals, Inc.**  
1955 Lake Park Drive  
Suite 100  
Smyrna, GA 30080  
Tel: 770.801.6600

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Via Federal Express  
December 3, 2007

Ms. Velma Noble  
Product Manager 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  
o EPA Reg. No. 1258-1077  
- Combined PR Notice 2007-4 Notification and PR Notice 98-10 Notification:  
o To Revise Label to Comply With Container Regulations in Subpart H Container Labeling, §156.140  
o To Add a Responsible Care Symbol as Advisory Statement  
o To add optional marketing statements  
o To add optional advisory statements

Dear Ms. Noble:

Arch Chemicals, Inc. is submitting a combined PR Notice 2007-4 Notification and a PR Notice 98-10 Notification for the above subject project.

Please note that the batch number or lot number will be printed directly on the container.

The PR Notice 98-10 notification seeks to add optional marketing claims and Arch believes these may be added to the label via notification.

Also, for product stewardship reasons, Arch proposes to include, via a PR Notice 98-10 notification, a Responsible Care symbol as an optional advisory statement "Stop! Do Not Mix With Other Products Or Dissolve Before Use. Read Precautionary / First Aid Statements On Label", inside an octagonal graphic symbol. Additionally, this optional advisory statement and graphic symbol will be placed on the product container lid.

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

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Additionally, Arch proposes to add optional advisory statements to the directions for use section. Arch believes that these items can also be added via notification.

In support of this application for notification, enclosed are the following documents:

- A completed application for amendment (EPA 8570-1) form, with attached certification statements, as required by PR Notice 2007-4 and PR Notice 98-10.
- Two copies of the product labeling with additions in red print.

Thank you for your cooperation. Please contact me 770-803-2526 or by e-mail at [meburt@archchemicals.com](mailto:meburt@archchemicals.com), if there are any questions. If I am not available, please contact John Hott at 770-598-7735.

Sincerely,

A handwritten signature in black ink that reads "Mark E. Burt". The signature is written in a cursive, flowing style.

Mark E. Burt, Ph.D.  
Regulatory Manager

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United States  
**Environmental Protection Agency**  
 Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number 1258-1077	2. EPA Product Manager Velma Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) HTH Algaecide	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) Arch Chemicals, Inc. 1955 Lake Park Drive 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**

Amendment - Explain below.  Final printed labels in response to Agency letter dated \_\_\_\_\_

Resubmission in response to Agency letter dated \_\_\_\_\_  "Me Too" Application.

Notification - Explain below.  Other - Explain below.

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

Arch is submitting this notification per PR Notice 98-10 and PR Notice 2007-4 (see attached certification statements)  
 PRIA Category: N/A (notification)  
 PRIA Fee: N/A  
 Contact: Mark E. Burt, phone 770-803-2526, e-mail, meburt@archchemicals.com.  
 If I am unavailable call John Hott, phone 770-598-7735.

**Section - III**

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input 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

5. Location of Label Directions

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 Mark E. Burt	Title Regulatory Manager	Telephone No. (Include Area Code) (770) 803-2526
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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, both under applicable law.

2. Signature 	3. Title Regulatory Manager	6. Date Application Received (Stamped)
4. Typed Name Mark E. Burt	5. Date December 3, 2007	



[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}

## HTH<sup>®</sup> ALGAECIDE

### ACTIVE INGREDIENTS:

n-Alkyl (60%C14,30%C16,5%C12,5%C18)	
dimethyl benzyl ammonium chlorides.....	9.96%
n-Dialkyl(60%C14,30%C16,5%C12,5%C18)	
Methyl benzyl ammonium chlorides.....	0.04%
OTHER INGREDIENTS:.....	90.00%
TOTAL.....	100%

KEEP OUT OF REACH OF CHILDREN

**DANGER**

SEE [BACK] [SIDE] PANEL FOR ADDITIONAL PRECAUTIONARY AND FIRST AID STATEMENTS

EPA Reg. No. 1258-1077

EPA Est. No.

Arch Chemicals, Inc.  
Smyrna, GA 30080

Net Contents: XXXX

[HTH<sup>®</sup>] (brand name) is a registered trademark of Arch Chemicals, Inc.

#### {MARKETING CLAIMS}

{Statements available to all labels}

[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]

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[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]

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

**{For use on Dealer Direct Brands}**

[Step 3]

**{Optional statement for use on labels with spa directions for use, referring to the spa product guide, below}**

[Prevent]

**{Claims for alternate formula containing metal stain and corrosion control}**

[Contains metal stain control]  
 [Contains a corrosion inhibitor]  
 [With metal stain control [and] corrosion inhibitor]  
 [Non-staining formula]  
 [Controls metals and prevents metal stains]  
 [Non-corrosive formula]  
 [Easy to use]  
 [Complete pool closing formula]

{back or side panel}

**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.

**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.

{Environmental hazards statement for end-use products in containers <5 gallons (liquid). {following is an error and will be deleted} or < 50 gallons (solid, dry weight)}

**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 (60% C14, 30% C16, 5% C12 and 5% C18) dimethyl benzyl ammonium chloride and n-Dialkyl (60% 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 (60% C14, 30% C16, 5% C12 and 5% C18) dimethyl benzyl ammonium chloride and n-Dialkyl (60% 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}

**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 algicide 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.



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{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.]

**{Use 1} [[Swimming Pools]**

**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]  
 [64 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.

**{Use 2} [[Spas and Hot Tubs]**

**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.

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**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 algicide can be used in conjunction with chlorine or bromine sanitizer systems.]

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

[[HTH] [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

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

Arch Chemicals, Inc.  
Smyrna, GA 30080

{Optional }  
[



