

1258-1077

5-10-2005

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 10 2005

Mr. Robert W. Gruber  
Regulatory Manager  
Arch Chemicals, Inc.  
1955 Lake Park Dr.  
Suite 250  
Smyrna, GA 30080

Subject: **HTH Algaecide**  
EPA Registration Number 1258-1077  
Application Dated February 15, 2005  
EPA Received Date March 7, 2005

Dear Mr. Gruber:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with comments.

**Proposed Amendments:**

- add an alternate formula (CSF)
- amend label to include distinct winterizing directions and additional claims

**Label Comments:**

1. The concentrations of the active ingredients on the Confidential Statements of Formula (CSFs dated 3/30/05) are consistent with the label declaration. These CSFs supersede all previous CSFs for the respective formulations.
2. All ingredients are cleared for use in pesticidal products.
3. All certified limits are acceptable.
4. Under heading "Why You Should Use This Product" delete *brackets surrounding "for crystal clear pool water...."* as these directions are imperative to proper pool

		CONCURRENCES						
ABOL	oafp.							
SURNAME								
DATE								

- 5. Under directions for "Winterizing revise to read "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....
- 6. Also add the following to the winterizing directions: "Continue to keep the pump running for several hours after additional of algaecide".

**General Comments:**

A stamped copy of the accepted labeling is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product.

Should you have any questions or comments concerning this letter, please at Drusilla Copeland at (703) 308-6224.

Sincerely,

*for* 

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

Enclosure

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{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® ALGAEICIDE

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 PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

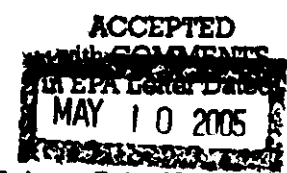
EPA Reg. No. 1258-1077      EPA Est. No. 52270-GA-03

Arch Chemicals, Inc.  
501 Merritt 7  
Norwalk, CT 06856

Net Contents: 1 gallon (128 oz.); Net Contents: 1 pint (16 oz.); Net Contents: 1 quart (32 oz.); Net Contents: 2 quarts (64 oz.)

{HTH®} (brand name) is a registered trademark of Arch Chemicals, Inc.  
MADE IN THE USA

- {MARKETING CLAIMS}
- {Statements available to all labels}
- [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]



Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 1258-1077

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[Destroys algae]  
 {For Spa's only}  
 [Keeps spa algae free]  
 [Rids spa of unsightly algae [spots]]  
 [Use for algae free [spa] water]

{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 - HAZARD 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 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) or < 50 gallons (solid, dry weight)}

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic organisms

**STORAGE AND DISPOSAL:**

Store in secure areas inaccessible to children and persons unfamiliar with the use of this product. Do not reuse empty container. Discard in the trash.

**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 [HTH®] [HTH® Poolife™] (brand name) [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.

#### {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" above.

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, add 1 gallon of this product to 50,000 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.]

#### {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.

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.]

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{Use 3} {Winterizing}

When swimming season is over, 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.

[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" above.]

[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]

**[[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 HTH Pools: [www.hthpools.com](http://www.hthpools.com)]

[Visit HTH Poolife: [www.hthpoolife.com](http://www.hthpoolife.com)]

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