

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 28 2004

Mr. Robert Gruber  
Arch Chemicals, Inc  
1955 Lake Park Drive  
Suite 250  
Smyrna, GA 30080

Subject: HTH Algicide  
EPA Registration No. 1258-1077  
Amendment Date: August 11, 2004  
EPA Receipt Date: August 23, 2004

Dear Mr. Gruber,

The following amendment submitted in connection with registration under FIFRA, as amended, is acceptable with the conditions listed below.

- Addition of spa/hot tub directions

**Conditions**

Revise the label as follows:

1. Under "Note to Physician," delete the statement, " if persistent, convulsions may be controlled by the cautious intravenous injection of a short acting barbiturate drug."
2. Under the "Storage and Disposal" statements, delete the statement, "Do not contaminate water, food, or feed by storage and disposal."
3. Under the "Directions for Swimming Pools," place the "Visible Algae" directions below the Initial Dose.
4. Under the "Directions for Spas and Hot Tubs," revise the "Initial Treatment to read:  
  
"Add 1 oz per 390 gallons of 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.

CONCURRENCES								
SYMBOL								
SURNAME								
DATE								

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

Drain and clean Spa/Hot Tubs at least once a month or as needed depending on bather load.

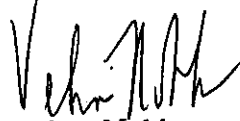
Please Note: The above use solution revision is based on the product label you identified as being identical to EPA Registration No. 1839-87.

**General Comments**

A stamped label accepted with conditions is enclosed. Submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling.

Should you have any questions regarding this letter, please contact Jacqueline McFarlane at (703) 308-6416.

Sincerely,



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

Enclosure: Stamped Label

**CONCURRENCES**

SYMBOL								
SURNAME								
DATE								

[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 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<sup>®</sup>} (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}

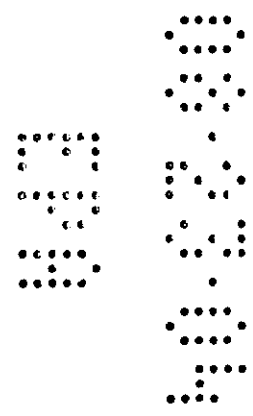
{No foam}

{Less foam}

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated:**

**OCT 28 2004**

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



[Prevents algae]  
[Controls algae]  
[Kills [all types of] algae]  
[Destroys algae]

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

{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.

~~Measure against the use of this product as well as oxygen and...  
mechanism may be necessary. This sentence to be removed. If consistent...  
controlled by the cautious intravenous injection of...  
of...  
of...~~

**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:**

~~Do not contaminate water, food, or feed by 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 [and for] [and for]. For best results, use with other [HTH®] [HTH® Poolife™] [HTH SpaLife™] (brand name) [pool care] products. [For crystal clear pool water, follow our 4 step [pool care] [spa care] program: Step 1: Test and adjust [pool] [spa or hot tub] water balance, Step 2: Chlorinate and clarify, Step 3: Shock treat your [pool] [spa or hot tub] at least once a week, and Step 4: Add algacide regularly.]

When used as directed, this product will kill and control the growth of green, blue green, and other swimming [pool] [spa and hot tub] algae. 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  
C:\Documents and Settings\bg5w\Local Settings\Temporary Internet Files\OLK3\1077\_label with spa instructions added-spa cleaned up.docH:1077\_label with spa instructions added-spa cleaned up.docC:\Documents and Settings\bb6a\Local Settings\Temporary internet Files\OLK18E0\1077\_label with spa instructions added-cleaned up.doc

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]] 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]

**[Spa use:  
Initial treatment**

**For visible algae growth or slimy interior surface, add 1 ounce [6 teaspoons] Algaecide per 350 gallons capacity. For maximum effectiveness, spas containing heavy algae growth should be drained and cleaned prior to treatment.]**

**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]

**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.

**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:** For visible algae growth or slimy interior surface, add 1 ounce [6 teaspoons] of Algaecide per 350 gallons capacity. For maximum effectiveness, spas containing heavy algae growth should be drained and cleaned prior to treatment.

**[Spa-Use**

**Maintenance** **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.

**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.

**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.]

**[[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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