



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

October 20, 2008

Matthew Brooks, Ph.D  
Ag-Chem Consulting LLC  
Regulatory Consultant for  
LO-CHLOR L.C.  
12208 Quinque Lane  
Clifton, VA 20124

Subject: Product Name: Lo-Chlor Pool Algicide  
EPA Reg. Number: 58412-1  
Application Date: 25-Sep-2008  
Receipt Date: 30-Sep-2008

Dear Dr. Brooks:

This acknowledges receipt of your Notification, submitted under the provision of PR Notice 2007-4, FIFRA section 3 (c) 9.

Proposed Amendment:

- Minor label revision per PR Notice 2007-4

General Comments:

Based on a review of the material submitted, the notification application is acceptable. A copy has been inserted in your file for future reference.

If you have further questions concerning this letter, please contact me by telephone at (703) 308-6422 or by e-mail at [heyward.adam@epa.gov](mailto:heyward.adam@epa.gov) or Killian Swift by telephone at (703) 308-6346 or by email at: [swift.killian@epa.gov](mailto:swift.killian@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Adam Heyward".

Adam Heyward  
Product Manager 34  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number Lo-Chlor L.C. /58412-1	2. EPA Product Manager Heyward	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Lo-Chlor L.C. / Lo-Chlor Pool Algicide	PM# 34	
5. Name and Address of Applicant (Include ZIP Code) Lo-Chlor L.C. 5841 Powerline Rd. Suite 202 Ft. Lauderdale FL 33309-2074 <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

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

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

Additional storage and disposal language and minor commercial language changes  
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40CFR 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 40CFR152.46, 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

Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" 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
Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1 pt, 1 qt, 1, 2.5, 5 gal		5. Location of Label Directions <input type="checkbox"/> Front Panel <input type="checkbox"/> Rear Panel	
Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input checked="" type="checkbox"/> Other Silk screen on 1 pt		

### Section - IV

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

Name Dr. Matthew Brooks	Title Regulatory Consultant	Telephone No. (Include Area Code) 703-266-0128
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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 or both under applicable law.

Signature 	3. Title Regulatory Consultant	6. Date Application Received (Stamped)
Typed Name Dr. Matthew Brooks	5. Date September 25 2008	



**Ag-Chem Consulting**  
Pesticide Science and Registration  
12208 Quinque Lane, Clifton VA 20124  
(703) 266-0128 [mwbrooks01@yahoo.com](mailto:mwbrooks01@yahoo.com)  
(703) 266-4377 Fax

September 25, 2008

Document Processing Desk  
Office of Pesticide Programs  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 South Crystal Yard  
Arlington VA 22202-4501

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Attn: Adam Heyward PM34  
Antimicrobial Division (AD)  
**Re: Notification for Lo-Chlor Pool Algicide  
Registration Number 58412-1**

Dear Mr. Heyward;

On behalf of Lo-Chlor LC (5841 Powerline Rd., Suite 202, Ft. Lauderdale FL 33309-2074), Ag-Chem Consulting LLC is hereby submitting a notification for the above label. The additional language is listed in Red. There are no other changes from the approved label.

Lo-Chlor has added additional storage and disposal language. The additional language is consistent with PR Notice 2007-4. We had also added a non FIFRA related Responsible Care Advisory. This language and symbol are also in Red and directs the consumer to the appropriate precautionary and first aid sections.

A copy of the currently accepted label is also attached.

Please feel free to contact me at 703-266-0128 if you have any questions concerning this submission.

Sincerely,

Matthew W. Brooks, Ph.D.  
Ag-Chem Consulting LLC  
An Authorized Representative of Lo-Chlor LLC

Master Label

# LO-CHLOR POOL ALGICIDE

NOTIFICATION  
Date Reviewed: 10-20-08  
Reviewed By: SSG

ACTIVE INGREDIENT:  
Copper Sulphate Pentahydrate 11.83%  
OTHER INGREDIENTS 88.17%  
Total 100%  
(\*Copper as elemental from Triethanolamine complex 3.03%)

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
**SEE FIRST AID STATEMENT ON SIDE PANEL**

MANUFACTURED BY:  
LO-CHLOR L.C.  
5841 Powerline Rd., Suite 202  
Ft. Lauderdale, FL 33309-2074  
[www.lo-chlor.com](http://www.lo-chlor.com)

EPA Registration No. 58412-1  
EPA Est. No. 58412-FL-001

NET CONTENTS: 1 qt. 32 fl. oz. (946 ml)

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION**

Harmful if swallowed. Wash thoroughly with soap and water after handling. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

Small, faint text at the bottom right corner, possibly a barcode or additional regulatory information.

**Sublabel 1**  
**When Product is Used Alone**

# Lo-Chlor Pool Algicide

**ACTIVE INGREDIENT:**

Copper Sulphate Pentahydrate\* ..... 11.83%

**OTHER INGREDIENTS:** ..... 88.17%

Total: ..... 100%

(\*Copper as elemental from Triethanolamine complex 3.03%)

{Optional statements; may not appear on all commercial labels}

- USE AGAINST BLUE-GREEN, BLACK AND MUSTARD ALGAE
- SINGLE TREATMENT LASTS 3 MONTHS
- NON-STAINING FORMULA
- Treats #### gallons
- Lasts 3 months

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

*SEE FIRST AID STATEMENT ON [Back] [SIDE] PANEL*

NET CONTENTS: xxxx

TO CONTROL ALGAE IN YOUR SWIMMING POOL SIMPLY ADD [brand] EVERY THREE MONTHS. YOUR POOL WATER WILL SPARKLE LIKE NEVER BEFORE.

**DIRECTIONS FOR USE:**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**DOSAGE RATES:**

EVERY THREE MONTHS: 16 fl. oz. [brand] [this product] per 10,000 gallons pool water (or 500 mL per 40,000L) will prevent algae growth in all pool types.

SEVERE ALGAE TREATMENT: 32 fl. oz. [brand] [this product] per 10,000 gallons pool water (or 1 Liter per 40,000 L).

**GENERAL DIRECTIONS:**

1. Maintain pool water in the pH range 7.2 to 7.8. Adjust pH to 7.2 for severe algae.
2. Ensure that filtration system is working properly and that filtration cycle is adequate.
3. A regular brushing program will assist in the removal of stubborn algae.
4. Calculate the volume of [brand] [this product] required for your pool.
5. Add the product directly to the pool, distributing over as wide an area as possible.
6. While [brand] [this product] controls algae, it is important that adequate levels of sanitizer (chlorine) be maintained to control bacterial growth.
7. Take a sample of pool water to your authorized [brand] dealer regularly for a detailed water analysis.]

**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed. Wash thoroughly with soap and water after handling. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

<b>FIRST AID</b>	
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not give anything by mouth to an unconscious person.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 – 20 minutes.</li> <li>• Call a poison control center or doctor immediately for treatment advice.</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice</li> </ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 [1-800-654-6911] for emergency medical treatment information.

**ENVIRONMENT HAZARDS**

This pesticide is toxic to fish and aquatic vertebrates and may contaminate water through runoff. Do not contaminate water when disposing of equipment wash waters or rinsate.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage and disposal.

Storage: Store in original, tightly closed container in a cool, dry place out of the reach of children. Do not store in direct sunlight.

If empty: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

Triple rinse container (or equivalent) promptly after emptying.

If partly filled: Call your local solid waste agency or (1-800-CLEANUP) for disposal instructions. Never place unused product down any indoor or outdoor drain.

{Optional alternative statement for 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.]

{Optional alternative statement for 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 copper sulphate pentahydrate only. Do not use this container for any other purpose. Rinse empty container thoroughly with water prior to disposal.]

**NOTICE**

Neither LO-CHLOR L.C. [ or distributor name] nor the seller of this product can accept any responsibility where the product is not used according to directions and for the manner in which it was intended.

EPA Registration No. 58412-1  
EPA Est. No. 58412-FL-001

[MANUFACTURED BY:  
LO-CHLOR L.C.  
5841 Powerline Rd., Suite 202  
Ft. Lauderdale, FL 33309-2074  
[www.lo-chlor.com](http://www.lo-chlor.com)

OR

Manufactured For:  
[Distributor Name and Address]]

EPA Registration No. 58412-1  
EPA Est. No. 58412-FL-001

{Optional}



{Optional}

**HELPLINE**  
**800-222-2348**

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

LO-CHLOR L.C.  
5841 Powerline Rd., Suite 202  
Ft. Lauderdale, FL 33309-2074  
www.lo-chlor.com  
800-222-2348

## Sublabel 2

When Product is sold and used in a multicomponent pool treatment system

# LO-CHLOR POOL ALGICIDE

**ACTIVE INGREDIENT:**

Copper Sulphate Pentahydrate 11.83%

OTHER INGREDIENTS 88.17%

Total 100%

(\*Copper as elemental from Triethanolamine complex 3.03%)

1	2	3	4
Balance	Sanitize	Shock	Prevent Algae

- USE AGAINST BLUE-GREEN, BLACK AND MUSTARD ALGAE
- SINGLE TREATMENT LASTS 3 MONTHS
- NON-STAINING FORMULA

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

*SEE FIRST AID STATEMENT ON SIDE PANEL*

NET CONTENTS: 1 qt. 32 fl. oz. (946 ml)

TO CONTROL ALGAE IN YOUR SWIMMING POOL SIMPLY ADD LO-CHLOR POOL ALGICIDE EVERY THREE MONTHS. YOUR POOL WATER WILL SPARKLE LIKE NEVER BEFORE. KEEP ALGAE AT BAY THE LO-CHLOR WAY.

**DIRECTIONS FOR USE:**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**WHY YOU SHOULD USE THIS PRODUCT:**

**This product when used regularly will kill and control the growth of green algae for complete pool enjoyment. For best results, use with other [name] 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 algacide as directed.**

**DOSAGE RATES:**

EVERY THREE MONTHS: 16 fl. oz. LO-CHLOR POOL ALGICIDE per 10,000 gallons pool water (or 500mL per 40,000L) will prevent algae growth in all pool types.

SEVERE ALGAE TREATMENT: 32 fl. oz. LO-CHLOR POOL ALGICIDE per 10,000 gallons pool water (or 1 Liter per 40,000 L).

**GENERAL DIRECTIONS:**

1. Maintain pool water in the pH range 7.2 to 7.8. Adjust pH to 7.2 for severe algae.
2. Ensure that filtration system is working properly and that filtration cycle is adequate.
3. A regular brushing program will assist in the removal of stubborn algae.
4. Calculate the volume of LO-CHLOR POOL ALGICIDE required for your pool.
5. Add the product directly to the pool, distributing over as wide an area as possible.



6. While LO-CHLOR POOL ALGICIDE controls algae it is important that adequate levels of sanitizer (chlorine) be maintained to control bacterial growth.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

Harmful if swallowed. Wash thoroughly with soap and water after handling. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

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<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

**ENVIRONMENT HAZARDS**

This pesticide is toxic to fish and aquatic vertebrates and may contaminate water through runoff. Do not contaminate water when disposing of equipment wash waters or rinsate.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage and disposal.

**Storage:** Store in original, tightly closed container in a cool, dry place out of the reach of children. Do not store in direct sunlight.

**If empty:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

**If partly filled:** Call your local solid waste agency or (1-800-CLEANUP) for disposal instructions. Never place unused product down any indoor or outdoor drain.

**NOTICE**

Neither LO-CHLOR L.C. nor the seller of this product can accept any responsibility where the product is not used according to directions and for the manner in which it was intended.

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