

58412-1

03-26-2012

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

MAR 26 2012

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Dr. Matthew Brooks  
Director, AG-CHEM Consulting  
12208 Quinque Lane  
Clifton, VA 20124

Subject: Lo-Chlor Pool Algicide  
EPA Registration No.: 58412-1  
Notification Date: February 23, 2012  
EPA Receipt Date: February 28, 2012

Dear Dr. Brooks,

This letter acknowledges receipt of your Non-notification submitted under the provisions of FIFRA section 3(c) 9 and PR Notice 98-10.

**Proposed Notification**

To correct typographical error in the Environmental Hazard section which states: "the product may be toxic to fish and aquatic vertebrates".

- "May be toxic to fish and aquatic invertebrates".

**General Comments**

Based on a review of the submitted material, your notification to correct typographical error is acceptable. A copy of the accepted notification has been inserted in your file for EPA Reg. 58412-1.



Should you have any questions or comments concerning this letter, you may contact me by telephone at (703) 308-6416 or by e-mail at [campbell-mcfarlane.jacqueline@epa.gov](mailto:campbell-mcfarlane.jacqueline@epa.gov) or Lorena Rivas by telephone at (703) 305-5027 or by e-mail at [rivas.lorena@epa.gov](mailto:rivas.lorena@epa.gov). When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,



Jacqueline Campbell-McFarlane  
Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)



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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 Lo-Chlor Chemicals, 58412-1		2. EPA Product Manager Jacqueline Campbell-McFarlane		3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted	
1. Company/Product (Name) Lo-Chlor Pool Alcaicide		PM# 34			
1. Name and Address of Applicant (Include ZIP Code) Lo-Chlor Chemicals 5841 Powerline Road Suite 202 Fort 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 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.)

Notification of correction of typographical error.  
 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**

**1. 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 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

1. Location of Net Contents Information  
 Label  Container

4. Size(s) Retail Container  
1 qt, 1 gal

5. Location of Label Directions  
 Rear Panel

1. 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 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.

1. Signature 	3. Title Regulatory Consultant	6. Date Application Received <b>(Stamped)</b>
2. Typed Name Dr. Matthew Brooks	5. Date 2/23/12	





**AG-CHEM CONSULTING**

PESTICIDE SCIENCE AND REGISTRATION  
12208 QUINQUE LANE, CLIFTON VA 20124  
(703) 266-0128 MWBROOKS@AG-CHEM.COM  
(703) 266-4377 FAX

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February 23, 2012

Jacqueline Campbell-McFarlane  
Product Manager 34  
Regulatory Management Branch II  
Antimicrobials Division (7510P)  
One Potomac Yard (South Building)  
2777 S. Crystal Drive  
Arlington, VA 22202

**Subject: Lo-Chlor Pool Algicide  
Notification of Minor Language  
EPA Reg# 58412-1**

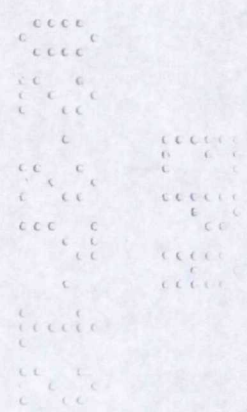
Dear Ms. Campbell-McFarlane,

Ag-Chem Consulting, on behalf of Lo-Chlor Chemicals, hereby submits the following notification. This notification corrects a typographical error in the Environmental Hazards section which states "**the product may be toxic to fish and aquatic vertebrates**". It should read "**may be toxic to fish and aquatic invertebrates**". This notification corrects this error. The change is noted in red. No other changes have been made to the label.

Should you have any questions or require additional information, please do not hesitate to contact me at 703-266-0128.

Very Sincerely,

Dr. Matthew Brooks  
Director, Ag-Chem Consulting  
An Authorized Representative for Lo-Chlor L.C.





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# LO-CHLOR POOL ALGICIDE

**ACTIVE INGREDIENT:**

Copper Triethanolamine Complex, (CAS# 31089-39-1)\* 10.0 %

OTHER INGREDIENTS 90.0 %

**Total** 100.0 %

(\*Metallic copper equivalent 3.00%)

**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)

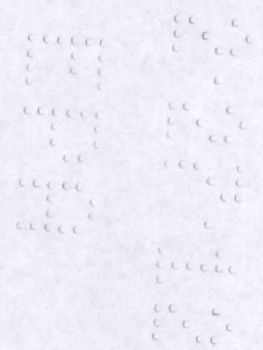
EPA Registration No. 58412-1  
EPA Est. No. 58412-FL-001

**NOTIFICATION**  
Date Reviewed: 3/22/12  
Reviewed By: *[Signature]*

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

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

Caution. Harmful if swallowed. 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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**Sublabel 1**  
**When Product is Used Alone**

# Lo-Chlor Pool Algicide

**ACTIVE INGREDIENT:**

Copper Triethanolamine Complex, (CAS# 31089-39-1)\* 10.0 %

**OTHER INGREDIENTS** 90.0 %

**Total** 100.0 %

(\*Metallic copper equivalent 3.00%)

{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.]



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

**CAUTION:** Harmful if swallowed. 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 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 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 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 invertebrates and may contaminate water through runoff. Do not contaminate water when disposing of equipment wash waters or rinsate.

**STORAGE AND DISPOSAL**

(Household/Residential Containers)

**Storage and Disposal:** Store in original container, tightly closed in a cool, dry place out of the reach of children and persons unfamiliar with its use. Do not store in direct sunlight. Nonfillable container. Do not reuse or refill this container. Offer for recycling if available. If not, discard in trash.

(Commercial Containers)

**Storage and Disposal:** Do not contaminate water, food, or feed by storage and disposal.

**Pesticide Storage:** Store in original container, tightly closed in a cool, dry place out of reach of children and persons unfamiliar with its use. Do not store in direct sunlight.

**Pesticide Disposal:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Triple rinse or equivalent. Offer for recycling if available. If not, discard in sanitary landfill.



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{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



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**Sublabel 2**

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

# LO-CHLOR POOL ALGICIDE

**ACTIVE INGREDIENT:**

Copper Triethanolamine Complex, (CAS# 31089-39-1)\* 10.0 %

**OTHER INGREDIENTS** 90.0 %

**Total** 100.0 %

(\*Metallic copper equivalent 3.00%)

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 algaecide 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.



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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**

Caution. Harmful if swallowed. 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>	
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**ENVIRONMENT HAZARDS**

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

**STORAGE AND DISPOSAL**

(Household/Residential Containers)

**Storage and Disposal:** Store in original container, tightly closed in a cool, dry place out of the reach of children and persons unfamiliar with its use. Do not store in direct sunlight. Nonfillable container. Do not reuse or refill this container. Offer for recycling if available. If not, discard in trash.

(Commercial Containers)

**Storage and Disposal:** Do not contaminate water, food, or feed by storage and disposal.

**Pesticide Storage:** Store in original container, tightly closed in a cool, dry place out of reach of children and persons unfamiliar with its use. Do not store in direct sunlight.

**Pesticide Disposal:** Wastes resulting from use of this product must be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Triple rinse or equivalent. Offer for recycling if available. If not, discard in sanitary landfill.

**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.

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

Master- February 23, 2012

