



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Antimicrobials Division (7510P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

**EPA Reg. Number:**

5185-512

**Date of Issuance:**

9/22/16

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration  
 (under FIFRA, as amended)

**Term of Issuance:**

Conditional

**Name of Pesticide Product:**

BioLab Algicide Concentrate LC

**Name and Address of Registrant (include ZIP Code):**

Mark Jernigan  
 Bio-lab, Inc.  
 1725 North Brown Road  
 Lawrenceville, GA 300-43

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

**Signature of Approving Official:**

Eric Miederhoff, Product Manager 31  
 Regulatory Management Branch I  
 Antimicrobials Division (7510P)  
 Office of Pesticide Programs

**Date:**

9/22/16

2. You are required to comply with the data requirements described in the DCI Order identified below:

- a. ADBAC GDCI-069175-30909

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 5185-512.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 9/20/2016

If you have any questions please contact Emilia Oiguenblik by phone at 703 347 0199, or via email at [Oiguenblik.emilia@epa.gov](mailto:Oiguenblik.emilia@epa.gov) or Eric Miederhoff by phone at 703 347 8028, or via email at [Miederhoff.eric@epa.gov](mailto:Miederhoff.eric@epa.gov).

Enclosure: Stamped label

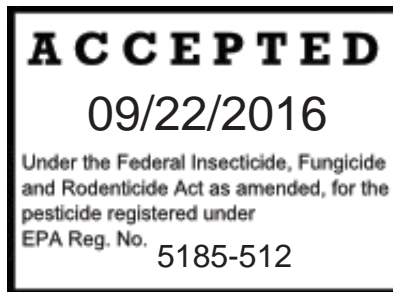
{All text in brackets [xxx] is optional and may or may not be included on a final label.}

{All text in braces {xxx} is administrative and will not appear on a final label.}

### BioLab Algicide Concentrate LC

ACTIVE INGREDIENT:

Alkyl (67% C <sub>12</sub> , 25% C <sub>14</sub> , 7% C <sub>16</sub> , 1% C <sub>18</sub> ) dimethyl benzyl ammonium chloride.....	80%
OTHER INGREDIENTS:.....	20%
TOTAL.....	100%



KEEP OUT OF REACH OF CHILDREN

## DANGER

See [back] [side] panel for First Aid and additional precautionary statements. {If First Aid appears on back or side panel}

See [back] [side] panel for additional Precautionary Statements. {If First Aid appears on front panel}

BIOLAB, INC.  
PO BOX 300002  
LAWRENCEVILLE, GEORGIA 30049

EPA REG. NO. 5185-LRE  
EPA EST. NO. 5185-GA-1 [(BL)] {or} [(Z)]  
7616-CA-1 [(C)]

{If multiple EPA Establishment Numbers appear on the label.}

[Actual establishment shown in code above or below label printed on [bottle] [container]]

[Letter designation in lot code printed above or below on [bottle] [container] identifies actual establishment.]

Net Contents: {as indicated on container}

[Made in USA]

[NOTE: Any questions or comments about [brand name] products?] [In the continental U.S. call [phone number]].

Ask for your free pool care booklet.] [Questions or comments call [phone number]]

[[Questions?] [Pool Care Tips?] [phone number]] [website] [Visit [brand name] Web Site at [website]]

*{Optional marketing statements that may be used with prevention of pool algae directions.}*

[[Pool] Algae Preventer]

[For Swimming Pool Use Only]

[For Swimming Pool Use]

[For Pools]

[Controls pool algae\*\*\*]

[\*\*\*(Green, Mustard† and Black†† Algae)]

[Prevents Green, Mustard† and Black†† Pool Algae]

[Non-staining and ideal for pools]

[Non-staining]

[Ideal for pools]

[A non-staining, all purpose preventative pool [algaecide] [algicide]]

[A preventative pool [algaecide] [algicide]]

[A non-staining pool [algaecide] [algicide]]

[An all purpose preventative pool [algaecide] [algicide]]

[A non-staining preventative pool [algaecide] [algicide]]

[An effective, non-staining pool [algaecide] [algicide] for green, mustard† & black†† algae]

[A non-staining pool [algaecide] [algicide] for green, mustard† & black†† algae]

[An effective, pool [algaecide] [algicide] for green, mustard† & black†† algae]

[An effective, non-staining pool [algaecide] [algicide] for green, mustard† & black†† algae]

[An effective pool [algaecide] [algicide] for green, mustard† & black†† algae]

[Inhibit] *{Designates that this product is part of prevention line of products, for prevention of algae}*

[BioGuard® Care System]

*{The "BioGuard Care System" below may be placed on the label to allow easy product identification by consumers.}*

[BioGuard Care System ( ) Sanitizer ( ) Shock (X) [Algaecide][Algicide]]

[Controls Growth of Algae in Swimming Pools]

[Helps Control Green Water due to Algae]

[For all Gunite and Vinyl Lined Pools]

[Highly effective algae preventative]

[Keeps pool water clear and free of visible algae]

[Not for use in ponds or fountains]

[Effective [Preventative] Treatment]

[Effective in controlling the growth of Green Algae [and [Blue-Green] [Black††] Algae]]

[Prevents [Green] Algae Growth]

[Prevents and Controls [Green] Algae Growth]

[Reduces growth of [Green] [and] [Blue-Green] [Black††] Algae]  
[[Green] algae control for [in-ground] [and] [above ground] [pools]]  
[For use in all pool types]  
[Use in [in-ground][and][above ground] pools]  
[Suitable for All Pool Types]  
[Controls [Green] algae]  
[Keeps water clear and free of visible [green] algae]  
[For green algae]  
[For fast [Green] algae control]  
[For control of algae growth]  
[Weekly use prevents algae growth]  
[Suitable for opening pools]  
[Suitable for closing your pool]  
[Suitable for pool [opening] [and] [closing]]  
[Swimming Pool [Algicide][Algaecide]]  
[Effective in plaster and vinyl pools]  
*{Reader Note: Salt pools generate hypochlorous acid using electrolysis from NaCl added to pool water.}*  
[Can be used in [Salt][Saltwater] Pools]  
[Compatible with [Salt][Saltwater] Pools]  
[Step 3] *{Algicides are marketed as step three of a three step program to treat swimming pool water for BioGuard brand.}*  
[Step 3 of the 3 Step System]  
[Step 3 of 3 Step Program]  
[A BioGuard® Pool Care Product]  
[Will not Stain]  
[Stops green algae [before it starts]]  
[For water that stays [clear] [&] [free of visible green algae]]  
[For use with all pool filter & surface types]  
[Once-A-Week] *{Application frequency per prevention of algae directions.}*  
[Once-A-Week premium application]  
[Use weekly]  
[Weekly use]  
[Use once a week]  
[1X a week]  
[Non-Staining]  
[[Green] Algae Preventative]  
[Prevents [Green] Algae]  
[Effective [Green] [Algae] [Preventative] Treatment]  
[For all pool types]  
[Suitable for all Pools]  
[Suitable for pool surfaces]  
[Can be used in All Pools]  
[Fast Acting [Green] [Algae] [Preventative] Treatment]  
[As Needed]  
[Per Use Directions]  
[Concentrated Formula Controls most Forms of Swimming Pool Algae]  
[Concentrated formula [so you use less]]  
[80% [Active [Ingredient]]]

*{Reader Note: Claims associated with water soluble packaging.}*

[Premeasured]

[Premeasured for easy dosing]

[Premeasured algae preventative]

[Convenient [Unit] [Dosing]]

[Unit Dose]

[[Easy to use] [Convenient] application]

[Easy to use]

[Simple] [Easy] [Convenient] to [measure] [and] [add] [apply]

[No mess]

[[No measuring] [No pouring]]

[Unique application]

[Unique]

[No need to unwrap]

[Water soluble [packaging]]

[Dissolves in water [in less than 15 minutes]]

[Dissolvable [pod] [packaging]]

*{Optional marketing statements that may be used with pool winterization directions.}*

[[Pool] Algae Preventer]

[For Swimming Pool Use Only]

[For Swimming Pool Use]

[For Pools]

[Provides winter protection against [unsightly] pool algae]

[Prevents pool algae growth during winter months]

[For clear water at spring opening]

[One application will protect your pool water from algae through the winter months]

[No mixing or pre-dissolving needed]

[Prevents pool algae growth when the pool is not in use]

[Controls pool algae during winter months]

[Winter pool algicide]

[Works in brominated and chlorinated pools]

[Works in bromine and chlorine based sanitizer systems]

[Reduces growth of green and blue-green algae in pools over the winter months]

[Reduces growth of green algae in pools during the winter]

[Winter Algae Preventative]

[Great for Winterizing]

[Effective Winterizer]

[Prevents pool algae growth during winter months]

[Long lasting winter protection against pool algae]

[Closing Care]

[Off Season Care]

[Off Season]

[Winter Care]

[BioGuard® Care System]

*{The “BioGuard Care System” below may be placed on the label to allow easy product identification by consumers.}*

[BioGuard Care System ( ) Sanitizer ( ) Shock (X) [Algaecide][Algicide]]

[[At] pool closing]

## Swimming Pool Algae Preventative

*{To maintain brand segmentation, two sets of marketing statements are provided to maintain separate brand identity. One of the following Options will be used on the label.}*

*{Optional Marketing Statement A}*

**[BioLab Algicide Concentrate LC]** [algaecide][algicide] *{or}* [This product], when used as directed, is a highly effective, non-staining [algaecide] [algicide] that controls algae in swimming pools. **[BioLab Algicide Concentrate LC]** [algaecide] [algicide] *{or}* [This product] is especially recommended for controlling green, blue-green (frequently called black†† or spot algae) and mustard† algae growths. This product is formulated for use in chlorine or bromine sanitized swimming pools of all surface and filter types.

*{Optional Marketing Statement B}*

[The BioGuard® Care System has three important parts that help you maintain crystal blue sparkling water.

- A sanitizer to kill bacteria
- A shock to destroy [organic] contaminants \*\*\*
- A preventative [algaecide][algicide] to stop algae before it starts

All parts of the BioGuard Care System are vital to achieve beautiful water.]

[BioLab Algicide Concentrate LC] *{or}* [This product] is a swimming pool algae preventative for the BioGuard Care System. Weekly use of [BioLab Algicide Concentrate LC] *{or}* [this product] prevents algae before it starts. [This product] *{or}* [BioLab Algicide Concentrate LC] is formulated to complement most swimming pool sanitizers. [This product] *{or}* [BioLab Algicide Concentrate LC] is a highly effective pool algae preventative. [This product] *{or}* [BioLab Algicide Concentrate LC] is effective and non-staining when used as directed. [This product] *{or}* [BioLab Algicide Concentrate LC] prevents all types of pool algae: black†† algae, green algae, and mustard† algae. [This product] *{or}* [BioLab Algicide Concentrate LC] provides a residual effectiveness that protects your pool against algae formation while keeping your pool water sparkling clear.

[\*\*\* (such as [perspiration,] [sweat,] [suntan lotions,] [lotions,] [hair sprays,] [body oils,] [pee,] [urine,] [pet dander,] and [cosmetics])]



*{Reader Note: IMPORTANT NOTES to be included if product in water soluble packaging.}*

**[IMPORTANT NOTES:**

1. Store out of reach of children
2. Handle with dry hands
3. Do not cut packet open
4. Do not squeeze the packet as it may burst
5. Do not ingest or squirt
6. Keep container sealed between uses
7. Store in a cool dry place
8. When using other products, always follow label directions for those products.]

**DIRECTIONS FOR USE:**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

*{Reader Note: If directions with “spring opening” are used, number 4 will be omitted and 5 & 6 will become 4 & 5 on product label.}*

**PRIOR TO APPLICATION:**

1. Ensure all equipment is working properly. If necessary, clean the filter system.
2. Adjust pH between 7.2-7.6.
3. Establish and maintain proper chlorine or bromine levels. In chlorine treated pools, add stabilizer to establish a minimum level of 30-40 ppm of cyanuric acid to reduce the degrading effects of sunlight on chlorine residual.
4. [If you are opening your pool in the spring, add the appropriate amount of [opening] [conventional] [algaecide] [algicide].]
5. Vacuum leaves and any other foreign debris from pool.
6. Brush pool thoroughly with a surface-compatible brush.

***{Water soluble packaging directions to be used for prevention of pool algae through season after spring opening}***

*{For Skimmer Application Directions}*

**TO PREVENT POOL ALGAE [(SKIMMER APPLICATION)]:**

1. Open skimmer lid and with pump and filter operating, apply 1 [dose] [package] [pod] [of this product] per 8,000-12,000 gallons of pool water directly to the skimmer weekly. [Distribute the [doses] [pods] [product] evenly if your pool has multiple skimmers and you are applying more than one]. Apply more often if pool volume is diluted by heavy rain, frequent backwashing or partial drain/refill.
2. Wait at least 15 minutes for the product to dissolve before entering pool.]

*{For Pool Application Directions}*

**TO PREVENT POOL ALGAE [(POOL APPLICATION)]:**

1. With pump and filter operating, apply 1 [dose] [package] [pod] [of this product] per 8,000-12,000 gallons of pool water directly to the pool weekly. Apply more often if pool volume is diluted by heavy rain, frequent backwashing or partial drain/refill.
2. If [product] [film] remains after 15 minutes, break up with pool brush to dissolve.
3. Wait until product is fully dissolved before entering pool.]

***{Water soluble packaging directions to be used for prevention of pool algae at spring opening and through season}***

*{For Skimmer Application Directions}*

**TO PREVENT POOL ALGAE [(SKIMMER APPLICATION)]:**

1. Open skimmer lid and with pump and filter operating, initially apply 2 [doses] [packages] [pods] [of this product] per 8,000-12,000 gallons of pool water directly to the skimmer. [Distribute the [doses] [pods] [product] evenly if your pool has multiple skimmers].
2. Thereafter, apply 1 [dose] [package] [pod] [of this product] per 8,000-12,000 gallons of pool water to the skimmer weekly. Apply more often if pool volume is diluted by heavy rain, frequent backwashing or partial drain/refill.
3. Wait at least 15 minutes to enter pool. ]

*{For Pool Application Directions}*

**TO PREVENT POOL ALGAE [(POOL APPLICATION)]:**

1. With pump and filter operating, initially apply 2 [doses] [packages] [pods] [of this product] per 8,000-12,000 gallons of pool water directly to the pool weekly.
2. Thereafter, apply 1 [dose] [package] [pod] [of this product] per 8,000-12,000 gallons of pool water weekly. Apply more often if pool volume is diluted by heavy rain, frequent backwashing or partial drain/refill.
3. If [product] [film] remains after 15 minutes, break up with pool brush to dissolve.
4. Wait at least 15 minutes for the product to dissolve before entering pool.]

*{Include following statement on label when product sold in water soluble packaging}*

[NOTE: Each [dose] [package] [pod] contains 1.25 fl oz of product.]

***{Directions to be used when packaged in bottle packaging}***

**[TO PREVENT POOL ALGAE:**

1. With pump and filter operating, initially apply 2.5 fl oz [of this product] per 8,000-12,000 gallons of water directly to the pool by [pouring] [[squeezing] [bottle]] around outside perimeter.
2. Thereafter, [add] [squeeze] [pour] 1.25 fl oz [of this product] per 8,000-12,000 gallons of pool water weekly. Apply more often if pool volume is diluted by heavy rain, frequent backwashing or partial drain/refill.]

[† “Mustard algae” is a chlorine-resistant form of green algae (yellow-green to brown in color).]

[†† “Black algae” are blue-green algae that forms in cracks and crevices of pool surfaces.]

*{Directions to be used for pool winterization}*

## **Winter Algae Preventative for Swimming Pools**

[BioLab Algicide Concentrate LC] [winter][algaecide][algicide] *{or}* [This product], when used as directed, prevents the growth of pool algae and aids in maintaining pool water clarity during the winter when the pool is not in use. [BioLab Algicide Concentrate LC] [winter][algaecide]*{or}*[The product] is formulated for use in chlorinated or brominated swimming pools of all surface and filter types.

*{Reader Note: IMPORTANT NOTES to be included if product in water soluble packaging.}*

**[IMPORTANT NOTES:** 1. Store out of reach of children 2. Handle with dry hands; 3. Do not cut packet open; 3. Do not squeeze the packet as it may burst; 5. Do not ingest or squirt; 6. Keep container sealed between uses; 7. Store in a cool dry place; 8. When using other products, always follow label directions for those products.]

**PRIOR TO APPLICATION:** Take a sample of your pool water to your [BioGuard Dealer] *{or}* [professional pool dealer]. Follow their directions for product application(s) to properly balance your water for conditions in your area. If metals testing indicate a need to use a stain and scale inhibitor, apply that product per label directions. Allow the pool to circulate at least 1 hour before adding other products.

**DIRECTIONS FOR USE:** It is a violation of federal law to use this product in a manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

[Add 1 lb. of [BioGuard® BurnOut WP] *{or}* [granular calcium hypochlorite] per 10,000 gallons of pool water or 1 lb. of [BioGuard® BurnOut 35] *{or}* [granular lithium hypochlorite] *{or}* [BioGuard® Lite] per 6,000 gallons of pool water or 1 lb. of BioGuard Smart Shock per 12,000 gallons of pool water.] *{or}* [Add the appropriate amount of [BioGuard® Lite] *{or}* [BioGuard®] [Enhanced] [Winter Shock] [winter shock] according to the label directions of that product.] *{or}* [Add 2 lbs. of BioGuard BurnOut<sup>3</sup> per 12,000 gallons of pool water.] Allow to circulate 2–4 hours. Then pour this product into the pool around its edges with the pool circulation system operating. Add [5 fluid ounces] [4 pods] of [BioLab Algicide Concentrate LC] [winter] [algaecide] [algicide] *{or}* [this product] [directly to the pool] for each 8,000 - 12,000 gallons of pool water. Circulate pool water for 1 hour. Then, clean filter and pool walls at water line.

In areas with severe freezing, drain pool equipment and plumbing lines or use an antifreeze recommended for swimming pool plumbing and equipment. Always follow the cleaning directions established by the manufacturer and/or pool builder. Pools with mesh covers or without covers may need to [apply 1 lb. of [BioGuard® BurnOut WP] *{or}* [granular calcium hypochlorite] per 10,000 gallons of pool water or 1 lb. of [BioGuard® BurnOut 35] *{or}* [granular lithium hypochlorite] *{or}* [BioGuard® Lite] per 6,000 gallons of pool water] *{or}* [add the appropriate amount of [BioGuard® Lite] *{or}* [Enhanced] [Winter Shock] [winter shock] according to the label directions for that product] *{or}* [add 2 lbs. of BioGuard BurnOut<sup>3</sup> per 12,000 gallons of pool water] midwinter or just prior to freezing.

*{Include following statement on label when product sold in water soluble packaging}*

[NOTE: Each [dose] [package] [pod] contains 1.25 fl oz of product.]

**STORAGE AND DISPOSAL:** Keep this product in original tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. Do not contaminate water, food, or feed by storage and disposal. **CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Wrap container and put in trash or offer for recycling if available.

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER: KEEP OUT OF REACH OF CHILDREN. Corrosive.** Causes irreversible eye damage and skin burns. May be fatal if inhaled, swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. Wear goggles or safety glasses, rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

*{When First Aid is not located on front panel of label, it will be separated by line rules from adjacent text and be in a different color.}*

**FIRST AID: 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:** 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 INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call 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. [IN CASE OF MEDICAL EMERGENCY, CALL [1-303-623-5716] [1-877-800-5553] [1-866-366-5048] [telephone number supplied by supplemental registrant].]

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

**PHYSICAL AND CHEMICAL HAZARDS:** Combustible. Do not use or store near heat or open flame. Do not mix with other chemicals.

**ENVIRONMENTAL HAZARDS** This pesticide is toxic to fish and aquatic invertebrates.

[**NOTE:** User assumes all responsibility for use not in accordance with directions.]

*{Due to the limited print area of water soluble packets only the text below will be printed on individual water soluble packets. Water soluble packets will be packaged in a child resistant container with full label (ingredient statement, use directions, precautionary statements, first aid, etc.)}*

**BioLab Algicide Concentrate LC**

Quaternary Ammonium Chloride

KEEP OUT OF REACH OF CHILDREN

DANGER CORROSIVE

See outer container for Precautions and Directions.

EPA Reg. No. 5185-LRE