



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

June 26, 2024

Mark Jernigan  
Bio-Lab, Inc.  
c/o Delta Analytical Corp.  
12510 Prosperity Drive, Suite 160  
Silver Spring, MD 20904  
Electronic Transmittal: [mark.jernigan@biolabinc.com](mailto:mark.jernigan@biolabinc.com)

Subject: Label Amendment – Changes Required by the Copper Compounds Amended  
Interim Registration Review Decision  
Product Name: BIOGUARD BANISH  
EPA Registration Number: 5185-474  
Received Date: 1/28/2019  
Decision Number: 595276

Dear Mark Jernigan:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Copper Compounds Amended Interim Decision, and has concluded that your submission is acceptable.

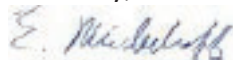
A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. Pursuant to 40 CFR 156.10(a)(6) you must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised

labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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 FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). 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, FIFRA section 12(a)(1)(B). 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.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Megan Snyderman by phone at 202-566-0639, or via email at [snyderman.megan@epa.gov](mailto:snyderman.megan@epa.gov).

Sincerely,



Eric Miederhoff, Branch Chief  
Reevaluation Branch  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

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.}*

**BioGuard® Banish®**

**ACTIVE INGREDIENT:**

Copper (metallic)\*..... 3.3%

OTHER INGREDIENTS:\*\*.....96.7%

TOTAL.....100.0%

\*Derived from copper sulfate pentahydrate (CAS No. 7758-99-8)

\*\*Contains polymeric polyacrylate and gluconate stabilizing agents

**ACCEPTED**

**06/26/2024**

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 5185-474

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

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. 5185-474

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}*

[U.S. Patent # 5,541,150]

[Made in USA]

*{Optional marketing statements}*

[Includes 4oz dosage cap]

[[with] 4 oz [dosing] [dosage] [measuring] cap]

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

[[Pool] Algae Preventer]

[For Swimming Pool Use Only]

[For Swimming Pool Use]

[For Pools]

[Non-foaming]

[Step 3] *{Algicides are marketed as step three of a three step program to treat swimming pool water.}*

[Step 3 of the 3 Step System]

[Kills and controls pool algae\*\*\*]§

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

[Prevents and kills green, mustard and black algae] §

[Non-staining† and ideal for pools]

[Non-staining†]

[Ideal for pools]

[Results in 24 hours] §

[Fast-Acting Algae Treatment] §

[Kills and Prevents All Types of Pool Algae††]§

[†† Green, mustard, black]

[Destroys Algae in 24 Hours] §

[Treat[s] Algae] §

[Prevents & Treats Algae] §

[Simple solution for pool algae problems] §

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

[A preventative pool [algaecide] [algicide]] §

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

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

[A non-staining† all purpose 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] §

[Kills and prevents pool algae [including black, green & mustard algae]] §

[Kills and prevents green, mustard & black algae] §

[Treats 10,000 gallons] *{This statement will only be used when sold in pint bottles for Prevention & Treatment}*

[Treats 20,000 gallons] *{This statement will only be used when sold in quart bottles for Prevention & Treatment}*

[Treats 40,000 gallons] *{This statement will only be used when sold in half gallon bottles for Prevention & Treatment}*

[[A] Non-Foaming]

[Highly effective pool algae killer and preventative] §

[Highly effective pool algae destroyer and preventative] §

[Kills and prevents pool algae] §

[Pool Algae Killer] §  
 [For all pool types]  
 [Prevent] *{Designates that this application is part of prevention line of products}*  
 [Inhibit] *{Designates that this product is part of prevention line of products, for prevention of algae}*  
 [Maintain] *{Designates that this product is part of maintenance line of products}*  
 [Remedy] *{Designates that this application is part of product line to treat algae once it has occurred}*  
 [As Needed\*] *{Application frequency per treatment of algae directions.}*  
 [\*Please refer to directions for use]  
 [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]]  
 [Once a week\*\*] *{Application frequency per prevention of algae directions.}*  
 [\*\*Approximate addition rate. Please refer to directions for use.]

[Ideal for use with BioLab UV system ]  
 [Suitable for use with BioLab UV system]  
 [Compatible with BioLab UV system]  
 [BioLab UV system approved.]

*{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]  
 [Non-foaming]  
 [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] §  
 [Prevent] *{designates that this application is part of prevention line of products}*  
 [Inhibit] *{Designates that this product is part of prevention line of products, for prevention of algae}*  
 [Maintain] *{designates that this product is part of maintenance line of products}*  
 [Use weekly\*]  
 [Once-a-week\* premium application]  
 [Once-A-Week\*] *{Application frequency per prevention of algae directions.}*  
 [\*Approximate addition rate. Please refer to directions for use.]

[For all pool types]  
[BioGuard® Care System]  
[Step 3] {Algicides are marketed as step three of a three step program to treat swimming pool water.}  
[Step 3 of 3 Step Program]  
{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]]  
[Ideal for use with BioLab UV system ]  
[Suitable for use with BioLab UV system]  
[Compatible with BioLab UV system]  
[BioLab UV system approved.]

**[The following 30 day optional marketing statements are not for use in California.]**

*{Optional marketing statements that may be used with prevention of pool algae directions as 30 day algaecide in addition to optional marketing statements appearing under above section prevention of pool algae directions.}*

[30 day [algaecide] [algicide]]  
[Lasts 30 days]  
[Lasts 1 month]  
[Apply [monthly] [once per month]]  
[1 month application]  
[Convenient [30 day] [once per month] [monthly] [application]]

**[The following 60 day optional marketing statements are not for use in California.]**

*{Optional marketing statements that may be used with prevention of pool algae directions as 60 day algaecide in addition to optional marketing statements appearing under above section prevention of pool algae directions.}*

[60 day [algaecide] [algicide]]  
[Lasts 60 days]  
[Lasts 2 months]  
[Apply [bimonthly] [every other month] [every 2 months]]  
[[Every other] [2] month application]  
[Convenient [60 day] [every other month] [every 2 months] [bimonthly] [application]]

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

[For Swimming Pool Use Only]  
[For Swimming Pool Use]  
[For Pools]  
[Non-foaming]  
[Step 3] {Algicides are marketed as step three of a three step program to treat swimming pool water.}  
[Step 3 of 3 Step Program]  
[Kills pool algae\*\*\*] §  
[Destroys pool algae\*\*\*] §  
[\*\*\* (Green, Mustard and Black Algae)]  
[Fast-Acting Algae Treatment] §  
[Destroys Algae in 24 Hours] §  
[Treat[s] Algae] §  
[Patented pool [algaecide][algicide]]  
[Patented pool [algaecide][algicide] that kills green, mustard and black algae] §

[Kills green, mustard and black pool algae] §  
 [Non-staining† copper pool [algaecide][algicide]] §  
 [Patented non-staining† pool [algaecide][algicide] that kills green, mustard and black algae] §  
 [Non-staining†]  
 [Ideal for pools]  
 [Non-staining† and ideal for pools]  
 [Results in 24 hours] §  
 [Kills pool algae in 24 hours] §  
 [Long-lasting]  
 [Long-lasting, non-staining† and ideal for pools]  
 [Long-lasting and non-staining† for pools]  
 [An effective, non-staining† pool [algaecide][algicide] [for green, mustard and black algae]] §  
 [A non-staining† pool [algaecide][algicide] for green, mustard and black algae] §  
 [An effective, pool [algaecide][algicide] for green, mustard and black algae] §  
 [An effective, non-staining† pool [algaecide][algicide] for green, mustard and black algae] §  
 [Treats 10,000 gallons] {*this statement will only be used when sold in pint bottles for treatment*}  
 [Treats 20,000 gallons] {*this statement will only be used when sold in quart bottles for treatment*}  
 [Treats 40,000 gallons] {*this statement will only be used when sold in half gallon bottles for treatment*}  
 [Convenient and easy to use with results in 24 hours] §  
 [No mixing or predissolving needed]  
 [An algicide with clarifiers that kills algae and clears cloudy water] §  
 [Long lasting, simple treatment for pool algae] §  
 [Non-staining† copper pool [algaecide][algicide]]  
 [Long lasting, non-staining† pool [algaecide][algicide]] §  
 [Kills pool algae] §  
 [Patented formula]  
 [Remedy] {*designates that this application is part of product line to treat algae once it has occurred*}  
 [BioGuard® Care System]  
 [[Use] [As Needed]]  
 [Long lasting, simple treatment for pool algae] §  
 [Ideal for use with BioLab UV system ]  
 [Suitable for use with BioLab UV system]  
 [Compatible with BioLab UV system]  
 [BioLab UV system approved.]  
 {*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]]

*{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]  
 [Non-foaming]  
 [Provides winter protection against [unsightly] pool algae] §  
 [Prevents pool algae growth during winter months] §  
 [Treats 12,000 gallons] {*[This statement will only be used when sold in pint bottles for Winterization]*}  
 [Treats 24,000 gallons] {*[This statement will only be used when sold in quart bottles for Winterization]*}  
 [Treats 48,000 gallons] {*[This statement will only be used when sold in half gallon bottles for Winterization]*}



[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]  
 [Prevents pool algae growth during winter months] §  
 [Long lasting winter protection against pool algae] §  
 [An [algaecide][algicide] with clarifiers that kills pool algae and maintains clears water through the winter months] §  
 [Closing]  
 [Winter]  
 [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]

**§ The phrase “when used as directed” will appear at the end of this statement on the front panel. The phrase “when used as directed” will only appear after the first statement that has “§” after it if multiple statements with the § are used to prevent redundancy.**



*{Reader's Note: The Clorox Pool App and Pool Time brand App are convenience tools for users that track pool history, show pool information (i.e., analysis from test strips) and recommend products to use and where to buy them.}*

[Free [App] Water Testing & Solutions Center]

[Free Water Testing & Solutions Center]

[FREE [Water] Test Strips]

[Test Your Pool with the Clorox® Pool App]

[Download the FREE Clorox® Pool App]

[Water Testing & Solution Center]

[Test Any Strip with the Clorox® Pool App]

[Use the Clorox® Pool App to Order Products Direct from Walmart.com]

[Test Smarter]

[Test [Weekly][Once a Week] [With the Clorox® Pool App]]

[Shock [Your Pool] [and Test] Weekly]

[Test and Shock Weekly]

[Use the Clorox® Pool App to Order Products Direct from Walmart.com]

[Anytime. Anywhere. Pool Water Analysis and Solutions.]

[Download the Free ClearPool Expert™ App]

[Expert results begin with water testing.]

[Test like an expert [with the ClearPool Expert™ App]]

*{Optional Graphics}*



*{Directions to be used for prevention and treatment of pool algae}*

**Swimming Pool [Algaecide][Algicide] and 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}*

[BioGuard® has a wide variety of products that prevent specific pool situations. These products are designated as “Inhibit”.]

[BioGuard® has a wide variety of products that solve specific pool situations. These products are designated as “Remedy”.]

[BioGuard® has a wide variety of products that prevent and solve specific pool situations. These products are designated as both “Inhibit” and “Remedy”.]

[BioGuard® Banish®] [algaecide] [algicide] {or} [This product], when used as directed, is a highly effective, patented, non-staining [algaecide] [algicide] that kills and controls algae in swimming pools. [BioGuard Banish] [algaecide] [algicide] {or} [This product] is especially recommended for killing and controlling green, blue-green (frequently called black or spot algae) and mustard algae growths. [BioGuard Banish] [algaecide] [algicide] {or} [This product] **can be used as a remedy for visible algae or to prevent algae from occurring. See use directions for Prevention of Algae or Treatment of Visible Algae for proper application of [BioGuard Banish] [algaecide] [algicide] {or} [this product].** This product is formulated for use in chlorine or bromine sanitized swimming pools of all surface and filter types.]

*{Optional Marketing Statement B}*

[BioGuard® has a wide variety of products that prevent specific pool situations. These products are designated as “Inhibit”.]

[BioGuard® has a wide variety of products that solve specific pool situations. These products are designated as “Remedy”.]

[BioGuard® has a wide variety of products that prevent and solve specific pool situations. These products are designated as both “Inhibit” and “Remedy”.]

[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.]

[BioGuard® Banish®] {or} [This product] is a non foaming swimming pool algae preventative for the BioGuard Care System. Weekly use of [BioGuard® Banish®]{or} [this product] prevents algae before it starts. [This product] {or} [BioGuard® Banish®] is formulated to complement most swimming pool sanitizers. [This product] {or} [BioGuard® Banish®] is a highly effective algae killer and algae preventative. [This product] {or} [BioGuard® Banish®] is effective and non-staining when used as directed. [This product] {or} [BioGuard®

Banish®] kills and prevents all types of pool algae: black algae, green algae, and mustard algae. [This product] {or} [BioGuard® Banish®] provides a residual effectiveness that protects your pool against algae formation while keeping your pool water sparkling clear. [This product] {or} [BioGuard® Banish®] is non-foaming and can be used in pools with attached spas or jetted returns.

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

[Use [BioGuard® Banish®] {or} [this product] weekly when using the BioLab UV system to prevent pool algae.]]

### **IMPORTANT NOTES:**

1. Do not use in pools sanitized with biguanides or pools treated with hydrogen peroxide.
2. Prior to the initial application of this product, test pool water for the presence of metals. If metals are present, apply a metal stain preventative per label directions.
3. When using other products, always follow label directions for those products.
4. [† In use dilution, this product is non-staining to pool surfaces and equipment.] {or} [† Full strength product will stain porous pool surfaces.]

### **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.

### **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. Vacuum leaves and any other foreign debris from pool.
5. Brush visible algae thoroughly from the pool's surface with a surface-compatible brush.

### **TO PREVENT POOL ALGAE:**

1. Initially apply 8 fluid ounces of this product per 10,000 gallons of pool water with pump and filter operating.
2. Thereafter, for weekly application intervals, add 1.5 fluid ounces per 10,000 gallons of pool water. For two week application intervals, add 3 fluid ounces per 10,000 gallons of pool water every other week. Apply more often if pool volume is diluted by heavy rain, frequent backwashing or partial drain/refill.
3. Wait at least 15 minutes after application before entering pool.

#### **TREATMENT OF VISIBLE POOL ALGAE:**

1. [Add 1 lb. of [BurnOut WP] {or} [BurnOut Extreme] {or} [BioGuard BurnOut<sup>3</sup>] {or} [granular calcium hypochlorite] per 10,000 gallons of pool water [or 1 lb. of [BurnOut 35] {or} [granular lithium hypochlorite] per 6,000 gallons of pool water] [or 1 lb. of BioGuard Smart Shock per 12,000 gallons of pool water]. Follow application directions on these products.] {or} [Apply a [BioGuard] [brand name] [shock] {or} [oxidizer] per label directions.]
2. Allow to circulate for 1 hour.
3. With pump and filter operating, apply 16 fluid ounces of **[BioGuard Banish]** [algaecide] [this product] per 10,000 gallons of pool water directly to the pool water in areas of heaviest algae growth.
4. Continuously circulate pool water for 24 hours.
5. The next day, thoroughly brush pool surfaces.
6. Prior to re-entry, test chlorine level. Do not enter pool until chlorine level is between 1 – 4 ppm.
7. In cases of persistent algae, repeat brushing and product application after 2-4 days.
8. [The use of a filter aid will enhance filter efficiency and algae removal.]
9. [Chemically cleaning the filter is recommended 3 to 4 days after treatment.]

**DISCHARGE DIRECTIONS FOR [COMMERCIAL] [AND] [RESIDENTIAL] POOL USES** - Before draining a treated pool, contact your local sanitary sewer and storm drain authorities and follow their discharge instructions. Do not discharge treated pool water to any location that flows to a gutter, storm drain or natural water body unless discharge is allowed by state and local authorities.

*{Directions to be used for prevention of pool algae}*

### **Prevention of Pool Algae**

*{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}*

[[BioGuard® has a wide variety of products that prevent specific pool situations. These products are designated as “Inhibit”.]

[**BioGuard® Banish®**] [algaecide][algicide] {or} [This product], when used as directed, is a highly effective, patented, non-staining [algaecide] [algicide] that controls algae in swimming pools. [**BioGuard Banish**] [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.

[Use [BioGuard® Banish®] {or} [this product] weekly when using the BioLab UV system to prevent pool algae.]]

*{Optional Marketing Statement B}*

[[BioGuard® has a wide variety of products that prevent specific pool situations. These products are designated as “Inhibit”.]

[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.]

[BioGuard® Banish®] {or} [This product] is a non-foaming swimming pool algae preventative for the BioGuard Care System. Weekly use of [BioGuard® Banish®] {or} [this product] prevents algae before it starts. [This product] {or} [BioGuard® Banish®] is formulated to complement most swimming pool sanitizers. [This product] {or} [BioGuard® Banish®] is a highly effective pool algae preventative. [This product] {or} [BioGuard® Banish®] is effective and non-staining when used as directed. [This product] {or} [BioGuard® Banish®] kills and prevents all types of pool algae: black algae, green algae, and mustard algae. [This product] {or} [BioGuard® Banish®] provides a residual effectiveness that protects your pool against algae formation while keeping your pool water sparkling clear. [This product] {or} [BioGuard® Banish®] is non-foaming and can be used in pools with attached spas or jetted returns.

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

[Use [BioGuard® Banish®] {or} [this product] weekly when using the BioLab UV system to prevent pool algae.]]

**IMPORTANT NOTES:**

1. Do not use in pools sanitized with biguanides or pools treated with hydrogen peroxide.
2. Prior to the initial application of this product, test pool water for the presence of metals. If metals are present, apply a metal stain preventative per label directions.
3. [† In use dilution, this product is non-staining to pool surfaces and equipment.] {or} [† Full strength product will stain porous pool surfaces.]
4. This product is designed to prevent the growth of algae. If visible growth is already present, it will be necessary to use a treatment product to kill the visible algae.

**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.

**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. Vacuum leaves and any other foreign debris from pool.
5. Brush pool thoroughly with a surface-compatible brush.

*{Directions to be used for prevention of pool algae for weekly application}*

**TO PREVENT POOL ALGAE:**

1. With pump and filter operating, initially apply 8 fluid ounces of this product per 10,000 gallons of pool water.
2. Thereafter, for weekly application intervals, add 1.5 fluid ounces per 10,000 gallons of pool water. For two week application intervals, add 3 fluid ounces per 10,000 gallons of pool water every other week. Apply more often if pool volume is diluted by heavy rain, frequent backwashing or partial drain/refill.
3. Wait at least 15 minutes after application before entering pool.

**[The following 30 and 60 day Directions for Use are not for use in California.]**

*{Directions to be used for prevention of pool algae for monthly application}*

**TO PREVENT POOL ALGAE:**

1. With pump and filter operating, apply 16 fluid ounces of this product per 20,000 gallons of pool water.
  2. Reapply [after 30 days] [every month]\*.
  3. Apply [more often] [sooner] if pool volume is diluted by heavy rain, frequent backwashing or partial drain/refill.
  4. Wait at least 15 minutes after application before entering pool.
- [\*(when used as a part of the BioGuard Care System)]  
[\*(when used as part of a maintenance program that includes sanitizer and shock)]

*{Directions to be used for prevention of pool algae for bi-monthly application}*

**TO PREVENT POOL ALGAE:**

1. With pump and filter operating, apply 32 fluid ounces of this product per 20,000 gallons of pool water.

2. Reapply [after 60 days] [every other month] [bimonthly] [every 2 months]\*.
3. Apply [more often] [sooner] if pool volume is diluted by heavy rain, frequent backwashing or partial drain/refill.
4. Wait at least 15 minutes after application before entering pool.  
[\* (when used as a part of the BioGuard Care System)]  
[\* (when used as part of a maintenance program that includes sanitizer and shock)]

**DISCHARGE DIRECTIONS FOR [COMMERCIAL] [AND] [RESIDENTIAL] POOL USES** - Before draining a treated pool, contact your local sanitary sewer and storm drain authorities and follow their discharge instructions. Do not discharge treated pool water to any location that flows to a gutter, storm drain or natural water body unless discharge is allowed by state and local authorities.



*{Directions to be used for treatment of visible pool algae}*

### **Treatment of Visible Pool Algae**

*{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}*

[[BioGuard® has a wide variety of products that solve specific pool situations. These products are designated as “Remedy”.]

[BioGuard® Banish®] [algaecide] {or} [This product], when used as directed, is a highly effective, patented, non-staining pool algaecide that kills algae in swimming pools [and clears pool water]. [BioGuard® Banish®] [algaecide] {or} [This product] is especially recommended for killing green, blue-green (frequently called black or spot algae) and mustard algae growths. This product is formulated for use in chlorinated or brominated swimming pools of all surface and filter types.

[Use [BioGuard® Banish®] {or} [this product] when using the BioLab UV system to destroy pool algae.]]

*{Optional Marketing Statement B}*

[BioGuard® has a wide variety of products that solve specific pool situations. These products are designated as “Remedy”.

BioGuard® Banish® is a highly effective fast acting swimming pool algae destroyer. [This product] {or} [BioGuard® Banish®] kills all types of pool algae: black algae, green algae, and mustard algae. [This product] {or} [BioGuard® Banish®] is formulated to complement most swimming pool sanitizers. [This product] {or} [BioGuard® Banish®] is effective and non-staining when used as directed. When used as directed you will see results in 24 hours. [This product] {or} [BioGuard® Banish®] is non-foaming and can be used in pools with attached spas or jetted returns.

[Use [BioGuard® Banish®] {or} [this product] when using the BioLab UV system to destroy pool algae.]]

**IMPORTANT NOTES:** **1.** Do not use in pools sanitized with biguanides or pools treated with hydrogen peroxide. **2.** Prior to the initial application of this product, test pool water for the presence of metals. If metals are present, apply stain and scale inhibitor (chelating agent) per label directions. **3.** † In use dilution, this product is non-staining to pool surfaces and equipment [and clears water].

### **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.

**PRIOR TO APPLICATION:** Ensure all equipment is working properly. If necessary, clean the filter system, adjust pH between 7.2-7.6, and establish a minimum level of 30-40 ppm of [stabilizer] [cyanuric acid] in chlorinated pools. Vacuum leaves and any other foreign debris from pool. If metals testing indicates a need to use a stain and scale inhibitor, apply that product per label directions. Brush visible algae thoroughly from the pool's surface with a surface-compatible brush. Establish and maintain proper chlorine or bromine levels.

**TREATMENT OF VISIBLE POOL ALGAE:** [Add 1 lb. of [BioGuard® BurnOut WP] {or} [BioGuard® BurnOut Extreme] {or} [BioGuard BurnOut<sup>3</sup>] {or} [granular calcium hypochlorite] per 10,000 gallons of pool water [or 1 lb. of [BioGuard® BurnOut 35] [granular lithium hypochlorite] per 6,000 gallons of pool water] [or 1 lb. of BioGuard Smart Shock per 12,000 gallons of pool water]. Follow application directions on these products.] {or} [Apply a [BioGuard] [brand name] [shock] {or} [oxidizer] per label directions.] Allow to circulate for 1 hour. With pump and filter operating, apply 16 fluid ounces of [**BioGuard® Banish®**] [algaecide] [algicide] {or} [this product] per 10,000 gallons of pool water directly to the pool water in areas of heaviest algae growth. Continuously circulate pool water for the next 24 hours. Afterwards, thoroughly brush pool surfaces. Prior to re-entry, test chlorine level. Do not re-enter pool until chlorine level is between 1 – 4 ppm. In cases of persistent algae, repeat brushing and application after 2-4 days. A filter aid may be used to enhance filter efficiency. [Chemically cleaning the filter is recommended 3 to 4 days after treatment.]

**DISCHARGE DIRECTIONS FOR [COMMERCIAL] [AND] [RESIDENTIAL] POOL USES** - Before draining a treated pool, contact your local sanitary sewer and storm drain authorities and follow their discharge instructions. Do not discharge treated pool water to any location that flows to a gutter, storm drain or natural water body unless discharge is allowed by state and local authorities.

*{Directions to be used for pool winterization}*

## Winter Algae Preventative for Swimming Pools

[BioGuard® has a wide variety of products to care for your pool during the off season. These products are designated as “Off Season”.]

[**BioGuard® Banish®**] [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. [**BioGuard® Banish®**] [winter][algaecide]{or}[The product] is formulated for use in chlorinated or brominated swimming pools of all surface and filter types.

**IMPORTANT NOTES:** **1.** Do not use in pools sanitized with biguanides or pools treated with hydrogen peroxide. **2.** †In use dilution, this product is non-staining to pool surfaces and equipment.

**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} [BioGuard® BurnOut Extreme] {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 lb of BioGuard BurnOut<sup>3</sup> per 12,000 gallons of pool water.] {or} [Apply a [BioGuard] [brand name] [shock] {or} [oxidizer] per label directions.]

Allow to circulate 2–4 hours. Then pour this product into the pool around its edges with the pool circulation system operating. Add 16 fluid ounces of [**BioGuard® Banish®**] [winter] [algaecide] [algicide] {or} [this product] for each 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} [BioGuard® BurnOut Extreme] {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 lb of BioGuard BurnOut<sup>3</sup> per 12,000 gallons of pool water] midwinter or just prior to freezing.] {or} [Pools with mesh covers or without covers may need to apply a [BioGuard] [brand name] [shock] {or} [oxidizer] per label directions for that product mid-winter or [just] prior to freezing.]]

**DISCHARGE DIRECTIONS FOR [COMMERCIAL] [AND] [RESIDENTIAL] POOL USES** - Before draining a treated pool, contact your local sanitary sewer and storm drain authorities and follow their discharge instructions. Do not discharge treated pool water to any location that flows to a gutter, storm drain or natural water body unless discharge is allowed by state and local authorities.

*{The following is optional text to be used at BioLab's discretion with swimming pool use directions for determination of pool capacity. This information is non-essential and will be provided only as a courtesy. Will not appear on all swimming pool products.}*

**[TO DETERMINE POOL CAPACITY:** Rectangular Pools - Length times width times average depth (in feet) times 7.5 equals gallons. Round and Oval Pools - Long diameter times short diameter times average depth (in feet) times 5.9 equals gallons.]

**STORAGE AND DISPOSAL:** Keep this product in its original tightly closed container when not in use. Store in a cool, dry, well ventilated area. Do not contaminate food or feed by storage or disposal. **PRODUCT DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash. **CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying.

#### **PRECAUTIONARY STATEMENTS:**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS: WARNING:** Causes substantial, but temporary, eye injury. Harmful if swallowed. Harmful if inhaled. Do not get in eyes or on clothing. Avoid breathing vapors. Wear safety glasses or goggles. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**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 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. **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 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.

**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] [telephone number supplied by supplemental registrant].]**

**PHYSICAL OR CHEMICAL HAZARDS:** Do not mix with other chemicals.

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

**Note:** [Buyer assumes all responsibility for safety and use not in accordance with directions.] [User assumes all responsibility for use not in accordance with directions.] [Metals from source water, ionizers or poorly sequestered algaecides have the potential to stain pool surfaces. Treat these problems with an appropriate stain and scale inhibitor (chelating agent) before using this product.]

[Visit BioGuard's Internet Web site at [[http://](http://www.bioguard.com)] [www.bioguard.com](http://www.bioguard.com)]

*{Optional recycle graphic if product is sold in plastic bottle}*



*{Optional recycle graphic if product is sold in plastic bottle inside a box}*

