

5185-130

12/15/2011

10413

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Mr. Mark Jernigan  
Bio-Lab, Inc.  
P.O. Box 300002  
Lawrenceville, GA 30049

DEC 15 2011

SUBJECT: BioGuard Master 10  
EPA Registration Number: 5185-130  
Application Date: September 27, 2011  
Receipt Date: September 29, 2011

Dear Mr. Jernigan:

The following amendments, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are acceptable subject to the conditions listed below:

1) Since you have not indicated that your product is exclusively for residential/household use, add the following statement to the Storage and Disposal section for containers of one gallon or less: "Do not contaminate water, food, or feed by storage and disposal."

2) As per PR Notice 83-3, 84-1, 2007-4 and 40 CFR 156.140(a) revise the container disposal statement for containers one gallon or less in size to read as follows: "...Do not reuse or refill this container. Wrap container and put in trash or offer for recycling if available." Delete the reference to rinsing the container.

3) Your application for pesticide indicates that the largest container in which this product is marketed is 1 gallon. Thus, delete the Storage and Disposal section for containers greater than one gallon and delete the Environmental Hazards statement for containers equal to or greater than 5 gallons.

4) Revise the Precautionary Statements to include the following: "...soap and water after handling and before eating, drinking, using tobacco or using the toilet."

5) Revise the Environmental Hazards statement for containers less than 5 gallons to state: "...fish and aquatic invertebrates."

6) As per PR Notice 2001-1, reorder the First Aid statements from most toxic to least toxic by revising such that the "If Inhaled" statement follows the "If Swallowed" statement.

CONCURRENCES

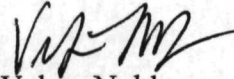
SYMBOL	7510P						
SURNAME	J. Jernigan						
DATE	12/14/11						

7) The submitted Confidential Statement of Formula (CSF) dated 9/27/11 for alternate formula #2 is acceptable and will be made part of the record for this file.

**General Comments**

A stamped copy of the accepted labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



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

Enclosures: Stamped accepted label, DER 394996  
 7510P:T.Lantz:12/14/11:5185-130 accepted label and CSF amend

**CONCURRENCES**

SYMBOL							
SURNAME							
DATE							

{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  
MASTER 10**

**ACTIVE INGREDIENT:**

Alkyl (C<sub>14</sub>, 58%; C<sub>16</sub>, 28%; C<sub>12</sub>, 14%)  
dimethyl benzyl ammonium chloride 10.0%

**OTHER INGREDIENTS:** 90.0%

**TOTAL INGREDIENTS:** 100.0%

KEEP OUT OF REACH OF CHILDREN

**DANGER**

See [back] [side] panel for First Aid and additional precautionary statements.

BIOLAB, INC.  
PO BOX 300002  
Lawrenceville, Georgia 30049

EPA REG. NO. 5185-130  
EPA EST. NO. 5185-GA-1

NET CONTENTS: {as indicated on container}

[Made in USA]

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

**DEC 15 2011**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 5185-130.



*{Non-Foaming Claims (Apply to All)}*

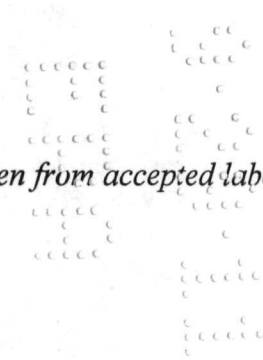
- [Non-Foaming]
- [Non-Foaming Formula]
- [Does Not Foam]
- [Controls Algae without producing foam]
- [Controls Algae without creating foam problems]
- [Use where foam is a concern]

*{Optional marketing statements that may be used with swimming pool algaecide.}*

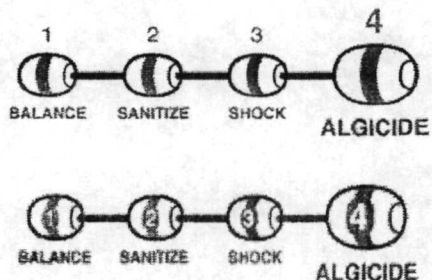
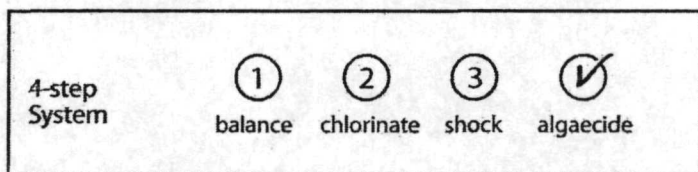
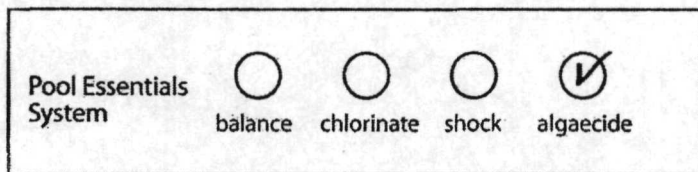
- [Controls Algae]
- [For fast algae control]
- [For control of algae growth]
- [A swimming pool [algaecide][algicide]]
- [Economical 10% algae preventative]
- [Keeps pool water clear and free of visible algae]
- [Controls algae and algal slime growth in swimming pools]
- [Algae preventative]
- [Algae control]
- [Controls algae growth]
- [Inhibit] *{Designates that this product is part of a prevention line of products}*
- [Once-A-Week\*] *{Application frequency per swimming pool algaecide routine maintenance 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]
- [Use BioGuard Master 10 with BioLab UV system]
- [Effective [Green] Algae Preventative]
- [Effective Preventative Treatment of [Green] Algae]
- [Effective in preventing the growth of Green Algae [and Blue-Green Algae]]
- [Prevents [Green] Algae [Growth]]
- [Suitable for all pool types]
- [Use in above ground and in-ground pools]
- [4 Step System ]
- [Easy to Use]
- [Effective in plaster and vinyl pools]
- [[Pour] [Add] directly in [to] pool [water]]

*[When?] {For use on front panel of label as a header above/beside text chosen from accepted label text that relates to the consumer anticipated frequency of product use.}*

- [Use weekly]
- [Weekly use]
- [Use once a week]
- [1X a week]



{The "Pool Essentials System" or "4-step System" box below may be placed on the label to allow easy product category identification by consumers.}



{Optional marketing statements that may be used with winter swimming pool algicide.}

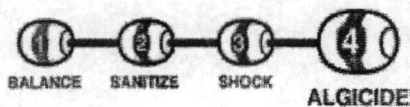
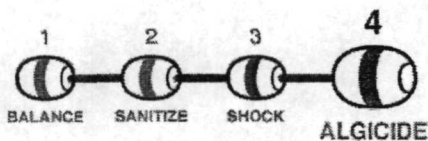
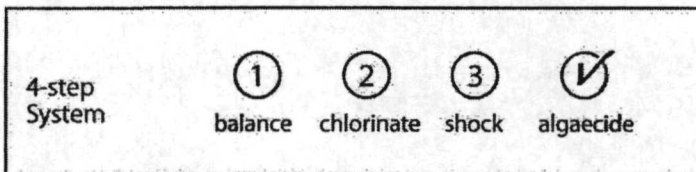
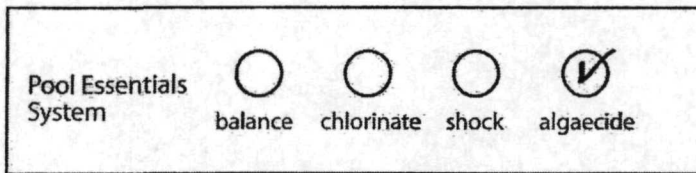
- [Winter Algae Preventative]
- [Economical 10% winter algae preventative]
- [For control of algae growth]
- [Controls algae and algal slime growth in swimming pools.]
- [A swimming pool [algicide][algicide]]

{Optional marketing statements that may be used with swimming pool algicide for small volume pools}

- [For use with small pools]
- [For small pools]
- [For small vinyl pools]
- [Treats pools up to 10,000 gallons]
- [Controls Algae]
- [For fast algae control]
- [For control of algae growth]
- [A swimming pool [algicide][algicide] for small pools]

- [Economical 10% algae preventative]
- [Keeps pool water clear and free of visible algae]
- [Controls algae and algal slime growth in small swimming pools]
- [Inhibit] {Designates that this product is part of a prevention line of products}
- [Once-A-Week\*] {Application frequency per swimming pool algaecide for small volume pools routine maintenance 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]
- [Use BioGuard Master 10 with BioLab UV system]
- [Effective [Green] Algae Preventative]
- [Effective Preventative Treatment of [Green] Algae]
- [Effective in preventing the growth of Green Algae [and Blue-Green Algae]]
- [Prevents [Green] Algae [Growth]]
- [Use in above ground pools]
- [4 Step System ]
- [Easy to Use]
- [[Pour] [Add] directly in [to] pool [water]]

{The "Pool Essentials System" or "4-step System" box below may be placed on the label to allow easy product category identification by consumers.}



[When?] {For use on front panel of label as a header above/beside text chosen from accepted label text that relates to the consumer anticipated frequency of product use.}

- [Use weekly]
- [Weekly use]
- [Use once a week]
- [1X a week]

{The following must appear on front panel for swimming pool algaecide for small volume pools.}  
Use only with pools that have a water re-circulating system (pump) and filter.



*{Directions to be used for swimming pool algaecide.}*

**SWIMMING POOL ALGAE PREVENTATIVE**

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

This economical product is formulated to complement swimming pool water being treated with chlorine or bromine based systems. It is effective in preventing most common algae growth and aids in maintaining pool water clarity. This product may foam and therefore should not be used for spa treatment or in pools with attached spas, water features, or jetted returns.

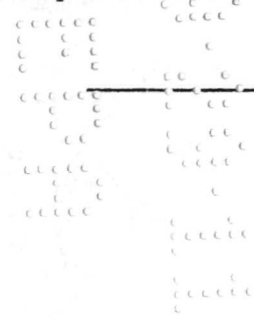
[This product is compatible with the BioLab UV system.]

**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.

Ensure all pool equipment is working properly. Clean or backwash filter following manufacturer's directions. Adjust pH to between 7.2-7.6. In outdoor chlorine treated pools, add stabilizer to establish a minimum stabilizer level of 30-40 ppm to reduce the degradative effects of sunlight upon the chlorine residual. Check for metals and if present add a stain and scale inhibitor to prevent staining of pool surface due to metal. Maintain sanitizer residual in accordance with label directions found on your sanitizer. When using other products as outlined in directions for this product, always follow directions on those products.

**INITIAL APPLICATION:** For an initial application, pour directly into pool at a rate of 13 fluid ounces of this product per 5,000 gallons of water (this will provide 2 ppm of this product in the water). More rapid distribution will be achieved by pouring a portion of the specified amount into several areas of the pool until all of the required quantity has been added. Recirculation will assure rapid dispersion. Wait at least 15 minutes after application before entering pool.

**MAINTENANCE:** Pour directly into pool at a rate of 3.2 fluid ounces per 5,000 gallons of water every 5-7 days depending on weather and use factors (this will provide 0.5 ppm of this product in the water). After each rain of consequence, add 3.2 fluid ounces per 5,000 gallons of water. Even when the pool may not be in use for periods of time, [algicide][algaecide] additions should be made since a heavy accumulation of algae growth may be difficult to remove. The appropriate amount of this product should be added by pouring a portion of the specified amount into several areas of the pool until the required quantity has been added. Recirculation will assure rapid dispersion. Wait at least 15 minutes after application before entering pool.





*{Directions to be used for winter swimming pool algaecide.}*

**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".]

This economical product aids in the prevention of algae in swimming pools during the winter months, when the pool is not in use. This product may be used in pools sanitized with chlorine or bromine. This product may foam and therefore should not be used for spa treatment or in pools with attached spas or jetted returns.

**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.

Ensure all pool equipment is working properly. Clean or backwash filter following manufacturer's directions. Adjust pH to between 7.2-7.6. Check for metals and if present, add a stain and scale inhibitor to prevent staining of pool surface due to metals. Superchlorinate the pool using a recommended winter shock treatment according to label directions. When using other products as outlined in directions for this product, always follow directions on those products.

Pour this product directly into the pool water along the edges of the pool at a rate of 1 gallon per 25,000 gallons of water (this will provide 4 ppm of this product in the water) and allow to circulate 2-4 hours. Clean pool water line and filter. In areas with severe freezing, drain pool equipment and plumbing lines or use an antifreeze recommended for swimming pool plumbing and equipment. Pools without covers or with mesh covers, may need a second treatment of this product in mid-winter or just prior to freezing.



*{Directions to be used for swimming pool algaecide for small volume pools}*

### **[SMALL] [VINYL] SWIMMING POOL ALGAE PREVENTATIVE**

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

This economical product is formulated to complement [small] [vinyl] swimming pool water being treated with chlorinating products. It is effective in preventing most common algae growth and aids in maintaining [small] [vinyl] pool water clarity. This product may foam.

**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. Use only with pools that have a water re-circulating system (pump) and filter.

Ensure all pool equipment is working properly. Clean or backwash filter following manufacturer's directions. Adjust pH to between 7.2-7.6. Establish a minimum stabilizer level of 30 ppm to reduce the degradative effects of sunlight upon the chlorine residual. Check for metals and if present add a stain and scale inhibitor to prevent staining of pool surface due to metal. Maintain sanitizer residual in accordance with label directions found on your sanitizer. When using other products as outlined in directions for this product, always follow directions on those products.

**INITIAL APPLICATION:** For an initial application, pour directly into pool at a rate of 2 ½ tablespoons\* per 500 gallons of water (this will provide 2 ppm of this product in the water). More rapid distribution will be achieved by pouring a portion of the specified amount into several areas of the pool until all of the required quantity has been added. Recirculation will assure rapid dispersion. Wait at least 15 minutes after adding this product or as long as directed by the labels of other products used as outlined in the directions for this product before entering the pool.

*{Optional table of alternate dosage rates per gallons to be treated.}*

**Quick Reference Table for Initial Application Dosage for Common Pool Sizes**

Pool Capacity in Gallons	250	500	1000	1500	2000	2500	3000	3500	5500
BioGuard Master 10									
Initial Dose	4.0 tsp.	2.5 tbs.	2.6 fl oz.	4.0 fl oz.	5.0 fl oz.	6.5 fl oz.	7.7 fl oz.	9.0 fl oz.	14.0 fl oz.

**MAINTENANCE:** Pour directly into pool at a rate of 2 teaspoons\* per 500 gallons of water every 5-7 days depending on weather and use factors (this will provide 0.5 ppm of this product in the water). After each rain of consequence, add 2 teaspoons per 500 gallons of water. Even when the pool may not be in use for periods of time, [algicide][algaecide] additions should be made since a heavy accumulation of algae growth may be difficult to remove. The appropriate amount of this product should be added by pouring a portion of the specified amount into several areas of the pool until the required quantity has been added. Recirculation will assure rapid dispersion. Wait at least 15 minutes after adding this product or as long as directed by the labels of other products used as outlined in the directions for this product before entering the pool.

\*If you use a measuring spoon, use a clean, dedicated spoon to dose the appropriate amount of product into the pool. Keep the dosage spoon stored out of reach of children.

*{Optional table of alternate dosage rates per gallons to be treated.}*

**Quick Reference Table for Maintenance Dosage for Common Pool Sizes**

Pool Capacity in Gallons	250	500	1000	1500	2000	2500	3000	3500	5500
BioGuard Master 10									
Maintenance Dose	1.0 tsp.	2.0 tsp.	4.0 tsp.	1.0 fl oz.	1.3 fl oz.	1.6 fl oz.	2.0 fl oz.	2.25 fl oz.	3.5 fl oz.



*{Containers one gallon or less}*

**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. **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.

*{Containers greater than one gallon}*

**STORAGE AND DISPOSAL:**

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

**STORAGE:** Keep product in original tightly closed container in locked storage area inaccessible to children and persons unfamiliar with its use. Store in cool, dry, well ventilated area away from heat or open flame.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal or excess pesticide, spray mixture or rinse is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**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:** KEEP OUT OF REACH OF CHILDREN. **DANGER:** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or safety glasses, protective clothing, and rubber gloves when handling this product. Avoid breathing fumes. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

*{First Aid will be separated by rule lines 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 OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. **IF 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] [telephone number supplied by supplemental registrant].]**

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

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

*{Environmental hazards statement for end-use products in containers of less than 5 gallons (liquid) or less than 50 pounds (solid, dry weight).}*

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

~~*{Environmental hazards statement for end-use products in containers of equal to or greater than 5 gallons (liquid) or equal to or greater than 50 pounds (solid, dry weight).}*~~

~~**[ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.]~~

NOTE: Buyer assumes all responsibility for safety and use not in accordance with directions.

*{The following is optional text to be used at BioLab's discretion with swimming pool use directions. 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 - average diameter times average diameter times average depth (in feet) times 5.9 equals gallons.

