



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:

5185-502

Date of Issuance:

January 9, 2009

Term of Issuance:

Unconditional

Name of Pesticide Product:

BioGuard Formulated Chlorinating Granules

NOTICE OF PESTICIDE:

- x Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

BioLab, Inc.

P.O. Box 300002

Lawrenceville, GA 30049

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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/reregistered 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 (OPP Decision No. 400159) is unconditionally registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Revise the "EPA Registration Number to read, "EPA Reg. No. 5185-502".

Signature of Approving Official:

Product Manager, Team 32
Regulatory Management Branch II
Antimicrobials Division (7510P)

Date:

JAN - 9 2009

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Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

Sincerely,

Emily H. Mitchell
Product Manager (32)
Regulatory Management Branch
Antimicrobials Division (7510P)

Enclosure: (Stamped Label)

CONCURRENCES

SYMBOL	7510P						
URNNAME	E. Mitchell						
DATE	1-13-09						

{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® Formulated Chlorinating Granules®

ACTIVE INGREDIENTS:

Trichloro-s-triazinetriene*	71.8%
Boron sodium oxide (B ₄ Na ₂ O ₇) pentahydrate.....	8.0%
OTHER INGREDIENTS: (clarifier/filtration enhancer/sunlight protector)....	20.2%
TOTAL.....	100.0%

*Available Chlorine....65%

KEEP OUT OF REACH OF CHILDREN

DANGER

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

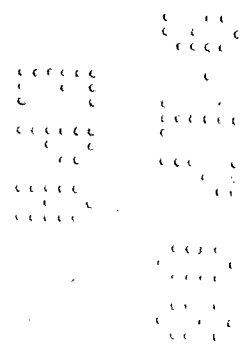
BIOLAB, INC.
PO BOX 300002
Lawrenceville, Georgia 30049

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

Net Contents: {as indicated on container}

ACCEPTED
with COMMENTS
EPA Letter Dated:
JAN - 9 2009

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 5185-502**



{General statements available to all labels}

[Made in USA]

[U.S. Patent # 5,674,429]

[Additional Patent Pending]

[Do not mix this product with any other product]

[Do not mix with calcium hypochlorite or any other product]

[Apply in dry form - do not pre-dissolve]

[Patented chlorine technology]

[Kills bacteria and algae]

[Kills bacteria]

[Kills algae]

[Contains a filter enhancer]

[Convenient skimmer application]

[Easy skimmer application]

[Add directly to skimmer]

[Add directly to skimmer or directly to pool]

[Add dry product through skimmer or directly to pool]

[Destroys swimmer contaminants]

[Destroys organic wastes]

[For use as a shock]

[Suitable for opening pools]

[Can be used in salt pools]

[Compatible with salt pools]

[Suitable for closing pools]

[Suitable for pool closing]

[Suitable for pool winterization]

[Keeps water clean]

[Shocks water clear]

[For use with all pool surfaces]

[For all pool surfaces][including vinyl, plaster and fiberglass]]

[For all pools, including vinyl, plaster and fiberglass]

[For all pool types]

[Clarifies water]

[Clears cloudy water]

[Reduces chlorine odor and eye irritation]

[Improves filter performance]

[Gathers debris for easy removal]

[Gathers debris for easy filtration]

[pH balanced]

[Multi function chlorinating granules]

[Compound action chlorinating granules]

[Compound function chlorinating granules]

[Chlorinating sanitizer]

[Granular chlorine sanitizer]

[Maintain] {Designates that this product is part of maintenance line of products}

[Ideal for use with BioLab UV system]

[Suitable for use with BioLab UV system]

[Compatible with BioLab UV System]

[BioLab UV System approved]

[Sanitizer / Shock]

[Shock]

[Compound Action [chlorinating] Formulation

- Sanitizes
- Shocks
- Clarifies
- Kills Algae]

[Compound Action [chlorinating] Formulation

- Sanitizes – kills bacteria
- Shocks – destroys swimmer contaminants
- Clarifies – clears water
- Algicide – kills algae]

[with SUNSHIELD® protects chlorine from sunlight][so you use less]

{Optional marketing statements for use only with swimming pool sanitization directions}

[Swimming Pool Sanitizer]

[Granular Sanitizer and Shock]

[Sanitizer and Shock]

[For use as a Shock]

[[4 in 1 Sanitizer and Shock][With built in clarifier, filtration enhancer, algae preventative and sun light protector]]

[[Multifunctional Sanitizer and Shock][With built in clarifier, filtration enhancer, algae preventative and sun light protector]]

[Sanitizes, Clarifies, Kills Algae and Enhances Filtration]

[Granular Chlorinated Sanitizer & Shock]

[As Needed**] *{Application frequency per routine maintenance and algae treatment directions.}*

[Test and Add**] *{Application frequency per routine maintenance and algae treatment directions.}*

[**Please refer to directions for use]

{Optional marketing statements for use only with superchlorination/shock directions}

[Shock product]

[Shock Treatment]

[Shock]

[[4 in 1 Shock][With built in clarifier, filter enhancer, algae preventative and sun light protector]]

[[Multifunctional Shock][With built in clarifier, filter enhancer, algae preventative and sun light protector]]

[Shocks, clarifies, kills algae, enhances filtration]

[For [periodic] superchlorination]

[Once-A-Week*] *{Application frequency per shock treatment directions.}*

[*Approximate addition rate. Please refer to directions for use.]

[As Needed**] *{Application frequency per superchlorination and algae treatment directions.}*

[Test and Add**] *{Application frequency per algae treatment directions.}*

[**Please refer to directions for use]

{Following chart is optional}

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Our Ingredients:	What They Do:
Trichloro-s-triazinetrione	Kills Bacteria, Kills Algae, Destroys Organic Wastes
Boron sodium oxide ($B_4Na_2O_7$)pentahydrate	Prevents Algae
Clarifier/Filtration enhancer	Makes water Crystal Clear
Sunlight Protector [SUNSHIELD®]	Protects chlorine from sunlight dissipation

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{Directions to be used for swimming pool sanitization product}

SWIMMING POOL SANITIZER

{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.}

{Option 1}

[BioGuard® has a wide variety of products that are required to maintain a high quality swimming environment. These products are designated as "Maintain".]

This patented, multifunctional sanitizer and shock product, when applied in dry form directly to the pool or skimmer per the label directions, kills bacteria and unsightly algae, clears up cloudy water and inhibits future algae growth. This product's patented blend of sunlight protected chlorine, special clarifier, filter enhancer, and algae inhibitor, provides the perfect solution for clear inviting pool water. [Specifically you can use this product:]

- [For routine daily chlorination (sanitation)]
- [To superchlorinate]
- [To shock]
- [To kill algae]

{Option 2}

[BioGuard® has a wide variety of products that are required to maintain a high quality swimming environment. These products are designated as "Maintain".]

[BioGuard Formulated Chlorinating Granules] *{or}* [This product] is a compound action product:

- Sanitizes – to kill bacteria
- Shocks – to destroy swimmer contaminants
- Clarifies – to clear water
- Algicide – kills algae

Apply [BioGuard Formulated Chlorinating Granules] *{or}* [this product] directly to the pool or through the skimmer per label directions. Routine use of [BioGuard Formulated Chlorinating Granules] *{or}* [this product] provides pool owners crystal clear sparkling water. [BioGuard Formulated Chlorinating Granules] *{or}* [this product] has SUNSHIELD® that protects the chlorine active ingredient from degrading due to sunlight. This product can be used:

- As a routine sanitizer
- To super chlorinate
- To shock
- To kill 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 FOR USE.**

Ensure all pool equipment is working properly. Clean or backwash filter following manufacturer's directions. Adjust pH to between 7.2-7.6. In chlorinated pools, add stabilizer to establish a minimum

stabilizer level of 30-40 ppm to reduce the degradative effects of sunlight upon the chlorine residual. When using other products as outlined in the directions for this product, always follow directions on those products.

APPLICATION METHOD: DO NOT pre-dissolve this product before adding to pool or skimmer. DO NOT mix this product with any other products or chemicals. Always apply this product in its dry form using a clean dry plastic cup or scoop. Do not use this cup or scoop for any other purpose. This product should be applied through the skimmer or directly to pool as follows:

Directly to Skimmer: Add product in dry form directly through the skimmer with the basket removed and the pump operating. Replace the skimmer basket and keep the pump running for at least 2 to 4 hours.

Directly to Pool: Add product in dry form directly to the pool water by broadcasting evenly across the surface of the pool, with the pump operating for at least 2 to 4 hours. If your pool has a bleachable surface, such as vinyl, colored plaster, painted or fiberglass, use skimmer application, or add directly to pool, brushing visible product until completely dissolved to avoid bleaching. If you have a vinyl liner and cannot see the bottom of your pool, apply this product directly to skimmer to avoid bleaching.

[INITIAL STARTUP: Use this method if you are opening your pool in the spring, the pool has not been maintained for several weeks, or if the pool is freshly filled. Brush all pool surfaces with pump operating. Following the above *Application Method*, add 1 lb. (2, 8oz cups) of this product in dry form per 10,000 gallons of pool water. After two hours, test chlorine level (residual). Repeat dosage until you obtain a chlorine level of 1 - 4 ppm.]

[ROUTINE CHLORINATION: Following the above *Application Method*, add 2 to 4 oz (1/4 to 1/2, 8oz cup) of this product in dry form per 10,000 gallons of pool water every day, every other day or as often as needed to maintain a chlorine level between 1 - 4 ppm. The amount of product required and frequency of addition will vary with the number of swimmers, water temperature and amount of rain. Operate the pump a minimum of 10 hours per day for best results.]

[SHOCK TREATMENT: For best results, apply product weekly as part of your maintenance routine, or when bather loads are high, water appears hazy or dull, unpleasant odors or eye irritation occurs, or after heavy rain. Following the above *Application Method*, add 1 lb. (2, 8oz cups) of this product in dry form per 10,000 gallons of pool water.]

[ALGAE TREATMENT: With pump operating, brush algae from pool surfaces. Following the above *Application Method*, add 1 lb. (2, 8oz cups) of this product in dry form per 10,000 gallons of pool water for light algae growth. Add 2 lb. (4, 8oz cups) of this product in dry form per 10,000 gallons of pool water for moderate to heavy algae growth. If necessary, repeat the treatment.]

[WINTERIZATION: If algae is present, treat using ALGAE TREATMENT directions, then proceed as follows: To an algae free pool, add 2 lb. (4, 8oz cups) of this product in dry form per 10,000 gallons of pool water following the above *Application Method*. Cover the pool with a pool cover and prepare heater, pump, and filter components for winter using manufacturer's recommendations.]

Reentry into treated swimming pools is prohibited above levels of 4 ppm chlorine due to risk of bodily injury.

{Directions to be used for superchlorination/shock product}

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FOR POOL SHOCK AND SUPERCHLORINATION

{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.}

{Option 1}

[BioGuard® has a wide variety of products that are required to maintain a high quality swimming environment. These products are designated as "Maintain".]

[BioGuard Formulated Chlorinating Granules] {or} [This product] is a compound action product:

- Sanitizes – to kill bacteria
- Shocks – to destroy swimmer contaminants
- Clarifies – to clear water
- Algicide – kills algae

Apply [BioGuard Formulated Chlorinating Granules] {or} [this product] directly to the pool or through the skimmer per label directions. Routine use of [BioGuard Formulated Chlorinating Granules] {or} [this product] provides pool owners crystal clear sparkling water. [BioGuard Formulated Chlorinating Granules] {or} [this product] has SUNSHIELD® that protects the chlorine active ingredient from degrading due to sunlight. This product can be used:

- As a routine sanitizer
- To super chlorinate
- To shock
- To kill algae

{Option 2}

This patented, multifunctional product, when applied in dry form directly to the pool or skimmer per the label directions, kills bacteria and unsightly algae, clears up cloudy water and inhibits future algae growth. This product's patented blend of sunlight protected chlorine, special clarifier, filter enhancer, and algae inhibitor, provides the perfect solution for clear inviting pool water. Shock treatment is needed when bather loads are high, water appears hazy or dull, unpleasant odors or eye irritation occurs, or after heavy rain. [Specifically you can use this product:]

- [To superchlorinate]
- [To shock]
- [To kill 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 FOR USE.**

Ensure all pool equipment is working properly. Clean or backwash filter following manufacturer's directions. Adjust pH to between 7.2-7.6. In chlorinated pools, add stabilizer to establish a minimum stabilizer level of 30-40 ppm to reduce the degradative effects of sunlight upon the chlorine residual. When using other products as outlined in the directions for this product, always follow directions on those products.

{For application as a Shock when sold in a child resistant bag}

[APPLICATION METHOD: DO NOT pre-dissolve this product before adding to pool or skimmer. DO NOT mix this product with any other products or chemicals. This product should be applied in its dry form through the skimmer or directly to pool as follows:]

{For application as a Shock when sold in a bottle/bucket}

[APPLICATION METHOD: DO NOT pre-dissolve this product before adding to pool or skimmer. DO NOT mix this product with any other products or chemicals. Always apply this product in its dry form using a clean dry plastic cup or scoop. Do not use this cup or scoop for any other purpose. This product should be applied through the skimmer or directly to pool as follows:]

Directly to Skimmer: Add product in dry form directly through the skimmer with the basket removed and the pump operating. Replace the skimmer basket and keep the pump running for at least 2 to 4 hours.

Directly to Pool: Add product in dry form directly to the pool water by broadcasting evenly across the surface of the pool, with the pump operating for at least 2 to 4 hours. If your pool has a bleachable surface, such as vinyl, colored plaster, painted or fiberglass, use skimmer application, or add directly to pool, brushing visible product until completely dissolved to avoid bleaching. If you have a vinyl liner and cannot see the bottom of your pool, apply this product directly to skimmer to avoid bleaching.

[INITIAL STARTUP: Use this method if you are opening your pool in the spring, the pool has not been maintained for several weeks, or if the pool is freshly filled. Brush all pool surfaces with pump operating. Following the above *Application Method*, add 1 lb. (2, 8oz cups) of this product in dry form per 10,000 gallons of pool water. After two hours, test chlorine level (residual). Repeat dosage until you obtain a chlorine level of 1 – 4 ppm.]

[SHOCK TREATMENT: For best results, apply product weekly as part of your maintenance routine, or when bather loads are high, water appears hazy or dull, unpleasant odors or eye irritation occurs, or after heavy rain. Following the above *Application Method*, add 1 lb. (2, 8oz cups) of this product in dry form per 10,000 gallons of pool water.]

[SUPERCHLORINATION: Superchlorination treatment may be needed when high levels of combined chlorine, cloudy water or algae growth occur. Following the above *Application Method*, add 1.3 lb. of this product in dry form per 10,000 gallons of pool water.]

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[ALGAE TREATMENT: With pump operating, brush algae from pool surfaces. Following the above *Application Method*, add 1 lb. (2, 8oz cups) of this product in dry form per 10,000 gallons of pool water for light algae growth. Add 2 lb. (4, 8oz cups) of this product in dry form per 10,000 gallons of pool water for moderate to heavy algae growth. If necessary, repeat the treatment.]

[WINTERIZATION: If algae is present, treat using ALGAE TREATMENT directions, then proceed as follows: To an algae free pool, add 2 lb. (4, 8oz cups) of this product in dry form per 10,000 gallons of pool water following the above *Application Method*. Cover the pool with a pool cover and prepare heater, pump, and filter components for winter using manufacturer's recommendations.]

Reentry into treated swimming pools is prohibited above levels of 4 ppm chlorine due to risk of bodily injury.

{Storage and Disposal directions when product is sold in bottles/buckets.}

[STORAGE AND DISPOSAL: Keep this product dry in original tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. In case of decomposition, isolate container if possible and flood area with large amounts of water to dissolve all material before discarding this container. Keep area ventilated until all fumes are gone. Do not contaminate food or feed by storage or disposal. **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.]

{Storage and Disposal directions when product is sold in bags.}

[STORAGE AND DISPOSAL: Keep this product dry in its original unopened bag until use. For partially used bags, fold over top of bag and secure with adhesive tape. Store unopened and partially used bags in a secure location away from children. Store in a cool, dry, well ventilated area away from heat or open flame. In case of decomposition, isolate container if possible and flood area with large amounts of water to dissolve all material before discarding this container. Keep area ventilated until all fumes are gone. Do not contaminate food or feed by storage or disposal. **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: DANGER: Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (safety glasses), protective clothing and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

{First Aid will be separated by rule lines from adjacent text and be in a different color.}

FIRST AID: **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 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 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. **IN CASE OF MEDICAL EMERGENCY, CALL 1-877-800-5553.**

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

PHYSICAL OR CHEMICAL HAZARDS: CONTAINS AN OXIDIZING AGENT: DO NOT mix with other products or chemicals. Never add water to product. Always add product in dry form directly to pool or pool skimmer. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with organic matter or other chemicals will start a chemical reaction and generate heat, hazardous gas, possible fire, and explosion. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well-ventilated area. Flood area with large volumes of water.

{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 responsibilities 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.}

HOW TO CALCULATE POOL CAPACITY

Shape of Pool Gallons of water

- Rectangular Average depth x average length x average width x 7.5
- Circular Diameter x diameter x average depth x 5.9
- Oval Full width x full length x average depth x 6.7
- Irregular Consult pool builder