

5185-493

8-8-2003

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20004

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EPA Reg.
Number:

5185-493

Date of Issuance:

AUG - 8 2003

NOTICE OF PESTICIDE:

 x Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

BioGuard Smart Shock

Name and Address of Registrant (include ZIP Code):

Bio-Lab, 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 is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration 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 reregistration of your product under FIFRA section 4.

2. Make the following label changes before you release the product for shipment:

- a. Revise the "EPA Registration Number to read, "EPA Reg. No. 5185-493".
- b. Place the "First Aid" Statement on the front panel of the label.

3. The inert ingredients PC codes were not found for sodium persulfate and zinc sulfate heptahydrate. You must arrange to have the Agency receive complete specifications/composition covering the ingredients sodium persulfate and zinc sulfate heptahydrate from the respective suppliers.

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Signature of Approving Official:

Robert S. Brennis, PM 32

Date:

AUG 8 2003

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4. Submit two copies of the revised final printed label for the record.

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.

A handwritten signature in dark ink, appearing to be 'RJB', is written over the text 'A stamped copy of the label is enclosed for your records.'

{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 Smart Shock

[[Kills Algae], [Kills Bacteria], [Oxidizes], [Shock], [Clarifies], [UV Protected],
 [Sunlight Protected]]
 [[Shock],[Oxidizer], [Buffer], [Clarifier], [Flocculent], [Algicide], [Algistat]]
 [Kills Bacteria]
 [Kills Algae]
 [Kills Bacteria and Algae]
 [Kills and Prevents Algae]
 [Kills Bacteria, Kills Algae, and Clarifies]
 [Kills Bacteria, Controls Algae, and Clarifies]
 [Suppresses Algae]
 [Fast Dissolving]
 [Fast Dissolving Shock Treatment]
 [Add directly to pool]
 [No Need to Pre-Dissolve][Maintains Brilliantly Clear Water]
 [Treat and Swim In As Soon As 15 Minutes*]
 [Treat and Swim in 15 Minutes*]
 [Treat In As Soon As 15 Minutes After Use*]
 [Reduces the Need for Other Maintenance Products]
 [Do Not Mix With Other Products]
 [Treats 12,000 gallons] {Only to be used when sold in one pound units}
 [One pound treats 12,000 gallons]
 [Eliminates Unpleasant Odors]
 [Patented Oxidizer, Algicide and Clarifier]
 [Contains Blue Algicide Crystals]
 [Multi-Functional Formula]
 [Multi-Purpose Shock]
 [For use in all pool types] {This statement alerts consumer to the fact they may use this
 product in above ground, in ground, indoor, outdoor, plaster, vinyl, fiberglass pools}
 [Shocks, Clarifies, and Kills Algae]
 [Suitable for In-ground and Above-ground Pools]
 [Sunlight Protected] {Cyanuric Acid is a known UV light stabilizer for chlorine}
 [Blue Algae Killing Crystals]
 [* Refer to the Re-entry statement on the back panel for further guidance.] { This
 statement will appear on the front panel of label when one of the asterisked statements is used concerning
 swim in 15 minutes.}

ACCEPTED
 with COMMENTS
 EPA Letter Dated:

AUG - 8 2003

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

5185-493

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[Following chart is optional]

Our Ingredients:	What They Do:
Sodium dichloro-s-triazinetriene	Oxidizer, Kills Bacteria, and Kills Algae, Releases Sunlight Protector
Copper (metallic)	Kills Algae, [Prevents Algae]

ACTIVE INGREDIENTS:

Sodium dichloro-s-triazinetriene 63.05%

Copper (metallic)* 0.26%

OTHER INGREDIENTS: 36.69%

TOTAL INGREDIENTS 100.00%

(Available Chlorine: 39%)

*Derived from copper citrate

KEEP OUT OF REACH OF CHILDREN

DANGER

See [back] [side] panel for first aid and additional precautionary statements.

BioLab, Inc.

PO Box 300002

Lawrenceville, GA 30049

EPA REG. #5185-UOG

EPA EST. # 5185-GA-1

Net Weight:

BioGuard Smart Shock

BioGuard Smart Shock [is Step 2 of the BioGuard 3 Step and Once-A-Week 3 Step Program.] {or} [an important part of proper pool care.] Weekly use of BioGuard Smart Shock keeps your water crystal blue and sparkling. Utilizing an advanced patented technology, [BioGuard Smart Shock] {or} [this product] performs multiple functions:

- kills bacteria and algae [as well as prevents algae growth]
- oxidizes organic contaminants that cause cloudy water, musty odors and eye irritation
- clarifies the water using a filter enhancer
- buffers pH to provide brilliantly clear water with no cloudy residue and without increasing pH

This premium shock product is easy to use. Because it dissolves rapidly and is multifunctional, [BioGuard Smart Shock] {or} [this product] works fast and effectively. Resume swimming in as little as 15 minutes.* [BioGuard Smart Shock] {or} [this product] provides the solution for brilliant, clear, and inviting pool water and is suitable for all pool types.

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.

Make sure all pool equipment is working properly, including pump, filter, skimmer and heater. Backwash filter following manufacturer's directions. Check alkalinity, pH and calcium hardness with a test kit. Adjust alkalinity to 125 -150 ppm. Adjust pH to 7.4 - 7.6 by adding a pH decriaser or pH increaser. Adjust calcium hardness to 175-275. When using other products as outlined in directions for this product, always follow directions on those products.

IMPORTANT NOTE: DO NOT pre-dissolve [BioGuard Smart Shock] {or} [this product]. As with other shock products, DO NOT apply through skimmer or chemical feeding device as other chemicals may be present which could result in a violent reaction.

Routine Maintenance:

1. With pump running, broadcast 1 lb. of [BioGuard Smart Shock] {or} [this product] per 12,000 gallons of pool water, directly into pool around edges.
2. Brush any undissolved product off pool surfaces.
3. Wait at least 15 minutes after product application before entering pool.*
4. Operate pump and filter continuously for 4-8 hrs. after product addition.
5. For best results, apply product weekly as part of your maintenance routine.

If Light Algae is Present:

1. Vacuum leaves and any other foreign debris from pool. Brush visible algae thoroughly from pool's surface with a surface-compatible brush.
2. Brush any undissolved product off pool surfaces.
3. With pump running, broadcast 1 lb. of [BioGuard Smart Shock] *{or}* [this product] per 12,000 gallons of pool water, directly into pool water in areas of heaviest algae growth.
4. Operate pump and filter continuously for 24 hrs. after product application.
5. Afterwards, repeat brushing of pool surfaces.
6. Do not enter the pool until the free available chlorine residual is 1-4 ppm.
7. If necessary repeat the treatment.

***TEST CHLORINE LEVEL PRIOR TO RE-ENTRY. RE-ENTRY 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 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. If product becomes damp, discard, following instructions for contamination under Physical or Chemical Hazards. **CONTAINER DISPOSAL:** Rinse empty bag thoroughly. Discard in trash. Do not reuse bag.]

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

[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. If product becomes damp, discard, following instructions for contamination under Physical or Chemical Hazards. **CONTAINER DISPOSAL:** Rinse empty container thoroughly. Discard in trash. Do not reuse container.]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER: Corrosive: Causes skin burns. May be fatal if swallowed. Causes irreversible eye damage. Harmful if absorbed through skin. Do not breathe dust or fumes. Irritating to nose and throat. Do not get in eyes, on skin or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear protective eyewear (safety glasses). Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling product and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse.

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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: CONTAINS OXIDIZING AGENTS. Do not mix with other chemicals or any other substance. DO NOT pre-dissolve or add water to this product. Always apply directly into the pool. Contamination of this product with small amounts of water or other substances may start a chemical reaction and generate heat, hazardous gas, possible fire and explosion. In case of contamination or decomposition, do not reseal [bag] [container]. Isolate [bag] [container] in open air or well-ventilated area. Flood [bag] [container] and area with large volumes of water. In case of spills, scoop up and place product in pool water, then flood spilled 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.

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