

5185-493

6/21/2011

1 of 3



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

JUN 21 2011

Mark Jernigan
Regulatory Affairs Manager
BioLab, Inc.
P.O. Box 300002
Lawrenceville, GA 30049-1002

FILE COPY

Subject: BioGuard Smart Shock
EPA Registration No. 5185-493
Application Date: May 19, 2011
Receipt Date: May 25, 2011

Dear Mark Jernigan:

This acknowledges receipt of your notification, submitted under the provision of PR Notice 98-10, FIFRA section 3(c)9.

Proposed Notification:

- Adding graphics to demonstrate how to open package

General Comments:

Based on a review of the material submitted, the following comment applies:

The notification application to add graphics as listed above is acceptable and a copy has been inserted in your file for future reference.

Should you have any questions or comments concerning this letter, please contact me at (703) 308-6345.

Sincerely,

Wanda Y. Henson
Acting Product Manager (32)
Regulatory Management Branch II
Antimicrobials Division (7510P)

2013

Please read instructions on reverse before completing form.

Form Approval OMB No. 2070-0060. Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 5185-493	2. EPA Product Manager W. Henson	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BioGuard Smart Shock	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) Bio-Lab, Inc. PO Box 300002 Lawrenceville, GA 30049 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
 Fee Determination: Fee Category - Not Applicable (Notification) mark.jernigan@chemtura.com

This Notification adds optional diagrams demonstrating how to open a particular style of product container (Ropak) used with this registration. These graphics only apply to Ropak Pails. See page 9 of enclosed label. Addition is per PR Notice 98-10, Section II (Labeling Notifications), Part H (Use of Symbols and Graphics). Please see attached page for certification.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container All sizes from 1 lb to 25 lb		5. Location of Label Directions <input checked="" type="checkbox"/> On label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Mark Jernigan	Title Regulatory Affairs Manager	Telephone No. (Include Area Code) 878-502-4149	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 		3. Title Regulatory Affairs Manager	
4. Typed Name Mark Jernigan		5. Date 5/19/11	



A Subsidiary of Great Lakes Chemical Corporation

May 19, 2011

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U. S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202

**Re: BioGuard Smart Shock
EPA Registration No.: 5185-493**

Dear Sir/Madam:

Please process the enclosed notification for the above referenced product.

The purpose of this notification is to add optional diagrams demonstrating how to open a particular style of product container. The diagram is located on page 9 of the enclosed label.

Enclosed are:

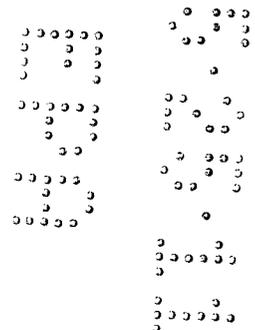
- 1. Application for Pesticide (EPA Form 8570-1);
- 2. Notification Certification Statement; and
- 3. Proposed label with changes marked.

If you have any questions, please call me at 678-502-4149 or mark.jernigan@chemtura.com.

Thank you for your attention to this matter.

Sincerely,

Mark Jernigan
Regulatory Affairs Manager
Enclosures



{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®**

ACTIVE INGREDIENTS:	
Sodium dichloro-s-triazinetrione	63.05%
Copper citrate*	0.73%
OTHER INGREDIENTS:	36.22%
TOTAL INGREDIENTS	100.00%
(Available Chlorine: 39%)	
*Copper as metallic = 0.26%	

**KEEP OUT OF REACH OF CHILDREN
DANGER**

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

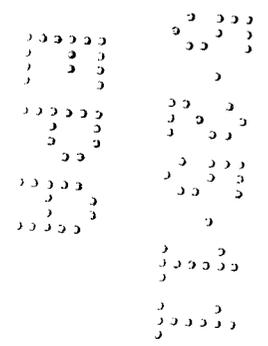
BioLab, Inc.
PO Box 300002
Lawrenceville, GA 30049

EPA REG. NO. 5185-493
EPA EST. NO. 5185-GA-1

Net Weight:

[Made in USA]
[U.S. Patent # 7,238,290]

NOTIFICATION
Date Reviewed: 6/21/2011
Reviewed By: [Signature]



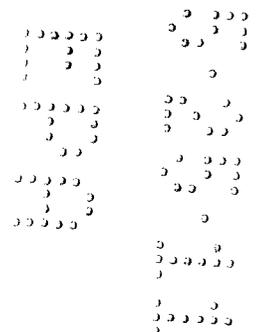
[[Kills Algae], [Kills Bacteria], [Oxidizes], [Shock], [Clarifies], [UV Protected],
 [Sunlight Protected]] [[Shock], [Oxidizer], [Buffer], [Clarifier], [Flocculent], [Algaecide]
 [Algicide], [Algistat]]
 [Oxidizer]
 [Shock]
 [Kills Bacteria]
 [Kills Algae]
 [Kills Bacteria and Algae]
 [Kills and Prevents Algae]
 [Prevents algae]
 [Kills Bacteria, Kills Algae, and Clarifies]
 [Kills Bacteria, Controls Algae, and Clarifies]
 [Suppresses Algae]
 [Oxidizer, kills bacteria, and kills algae, releases sunlight protector]
 [Fast Dissolving]
 [Fast Dissolving Shock Treatment]
 [Add directly to pool]
 [Add product directly to the pool with pump and filter operating]
 [No Need to Pre-Dissolve]
 [Maintains Brilliantly Clear Water]
 [Treat and Swim In As Soon As 15 Minutes*]
 [Treat and Swim In As Soon As 15 Minutes After Application*]
 [Treat and Swim in 15 Minutes*]
 [Swim in 15 minutes*]
 [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][Algaecide] and Clarifier]
 [Contains Blue [Algicide][Algaecide] Crystals]
 [Contains Blue Algae Killing Crystals]
 [Multi-Functional Formula]
 [Multi-Purpose Shock]
 [Multi-Functional Shock]
 [Compound action shock]
 [Quick dissolving shock]
 [Preferred shock for the BioGuard Care System]
 [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*}
 [SUNSHIELD®]
 [Blue Algae Killing Crystals]
 [Shock of choice for BioLab UV system]
 [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® Smart Shock® with BioLab UV system]
 [Maintain] {Designates that this product is part of maintenance line of products}
 [Once a Week**] {Application frequency per routine maintenance directions.}
 [** Approximate addition rate. Please refer to directions for use.]
 [Step 2] {Shock treatments are marketed as step two of a three step program to treat swimming pool water.}
 [TO OPEN CUT ALONG DOTTED LINE WITH SCISSORS] {For use when packaged in child resistant bags.}
 [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 (X) Shock () [Algaecide][Algicide]]

[* 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. }

{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]



BioGuard® Smart Shock®

{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 A}

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

[This product]{or} [BioGuard® Smart Shock®] [is Step 2 of the BioGuard 3 Step and Once-A-Week 3 Step Program.] {or} [is an important part of proper pool care.] {or} [is an important part of the BioGuard Care System.] Weekly use of [BioGuard Smart Shock] {or} [this product] 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.

[[This product]{or} [BioGuard Smart Shock] should be used weekly as a maintenance shock when using the BioLab UV system].

{Option B}

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

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

- Sanitizer to control bacteria
- Shock to destroy contaminants
- Preventative [algaecide] [algicide] to stop algae before it starts

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

[This product]{or} [BioGuard Smart Shock] is the preferred shock product for the BioGuard Care System. Weekly use of [this product] {or} [BioGuard Smart Shock]

keeps your water crystal blue and sparkling. Utilizing an advanced patented technology, [BioGuard Smart Shock] {or} [this product] performs multiple functions:

- oxidizes organic contaminants that cause cloudy water, musty odors and eye irritation
- kills bacteria and algae [as well as prevents algae growth]
- 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] is suitable for all pool types.

[[This product]{or} [BioGuard Smart Shock] should be used weekly as a maintenance shock when using 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.

Make sure all pool equipment is working properly, including pump, filter, skimmer and heater. Clean or 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 ppm. When using other products as outlined in directions for this product, always follow directions on those products.

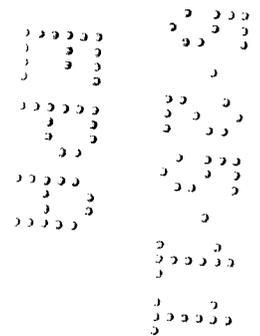
IMPORTANT NOTE: DO NOT pre-dissolve [BioGuard® Smart Shock®] {or} [this product]. As with other shock products, DO NOT apply through skimmer or chemical feeding device as other chemicals may be present which could result in a violent reaction.

For routine maintenance: With pump and filter running, broadcast 1 lb. of this product per 12,000 gallons of pool water, directly into pool. Brush any undissolved product off of pool surfaces. Wait at least 15 minutes after product application before entering pool.* Operate pump and filter continuously for 4 – 8 hrs after product addition. For best results, apply product weekly as part of your maintenance routine.

For treatment of resistant algae: First, establish a 1 – 4 ppm free chlorine residual in the pool. With pump and filter running, broadcast [one pound of this product per 2,400 gallons] {or} [five pounds of this product per 12,000 gallons] of water directly into pool. Brush any undissolved product off of pool surfaces. [Wait 15 minutes, then apply 32 fluid ounces of BioGuard® Back Up® per 20,000 gallons of water.] {or} [Wait 15 minutes, then apply 40 fluid ounces of BioGuard® Back Up® per 25,000 gallons of water.] Follow application directions on BioGuard® Back Up label. 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. Chemically cleaning the filter is recommended 3 – 4 days after treatment.

For treatment of light algae: Vacuum leaves and any other foreign debris from pool. Brush visible algae thoroughly from pool's surface with a surface-compatible brush. Brush any undissolved product off pool surfaces. 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. Operate pump and filter continuously for 24 hrs. after product application. Afterwards, repeat brushing of pool surfaces. Do not enter the pool until the free available chlorine residual is 1 - 4 ppm. 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:** 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 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:** 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 and skin burns. May be fatal if swallowed. Harmful if absorbed through skin. Do not breathe dust or fumes. Irritating to nose and throat. Do not get in eyes, on skin or clothing. Wear goggles, protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

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

FIRST AID: IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. **IF ON SKIN 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].]

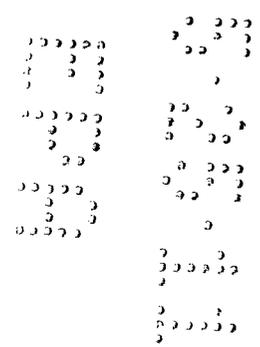
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

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 50 pounds (solid, dry weight).}

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. Other than uses permitted by this label, do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

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



New Text/ Graphics →

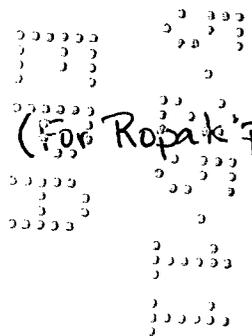
Tamper Evident Tear Strip
 Tear away by using "ring pull" on either side of lid

To open the lid (after the tear strip is removed)

Step-1

Step-2

Step-3



(For Ropak pails)