

5185-501

3/30/2011

1 of 24



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

MAR 30 2011

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

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

**FILE COPY**

Subject: BioGuard Silk  
EPA Registration No. 5185-501  
Application Date: March 02, 2011  
Receipt Date: March 04, 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 [Henson.Wanda@epa.gov](mailto:Henson.Wanda@epa.gov) or call (703) 308-6345.

Sincerely,

A handwritten signature in black ink that reads "Wanda Y. Henson".

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

Please read instructions on reverse before completing form.

Form Approved

OMB No. 2070-0080, Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
Amendment  
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 5185-501	2. EPA Product Manager W. Henson	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BioLab, Inc./ BioGuard Silk	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) BioLab, Inc. P.O. Box 300002 Lawrenceville, GA 30049-1002 <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 checked="" 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

Notification to add optional diagrams demonstrating how to open a particular style of product container (Ropak) used with this registration. The graphics only apply to Ropak Pails. See page 20 of enclosed label. Addition is per PR Notice 98-10, Section II (Labeling Notifications), Part H (Use of Symbols and Graphics).

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
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container All sizes from 8 oz to 100 lbs.		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 <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> 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) 678-592-4149
<b>Certification</b> 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 3/2/2011	



40x24



A Subsidiary of Great Lakes Chemical Corporation

March 2, 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 Silk  
EPA Registration No.: 5185-501**

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 product container.

Enclosed are:

- 1. Application for Pesticide (EPA Form 8570-1);
- 2. Notification Certification Statement;
- 3. Copy of Label with addition marked (page 20)

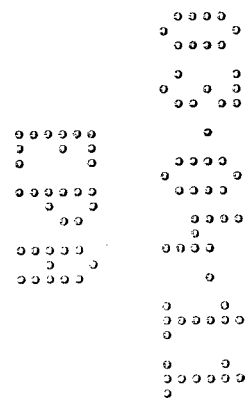
If you have any questions, please call me at 678-502-4149 or [mark.jernigan@chemtura.com](mailto:mark.jernigan@chemtura.com).

Thank you for your attention to this matter.

Sincerely,

Mark Jernigan  
Regulatory Affairs Manager

Enclosures



50424

{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 Silk

ACTIVE INGREDIENT: Trichloro-s-triazinetrione ..... 94.05%  
OTHER INGREDIENTS: .....5.95%  
TOTAL INGREDIENTS: .....100.00%  
(Available Chlorine 84.65%)

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**

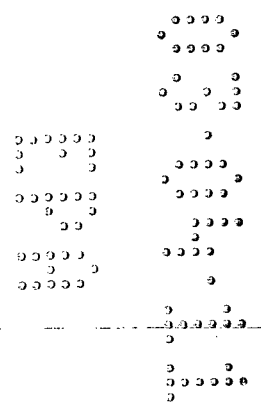
NOTIFICATION  
Date Reviewed: 3/30/2011  
Reviewed By: W. G. Gordon

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

BIOLAB, INC.  
PO BOX 300002  
Lawrenceville, Georgia 30049

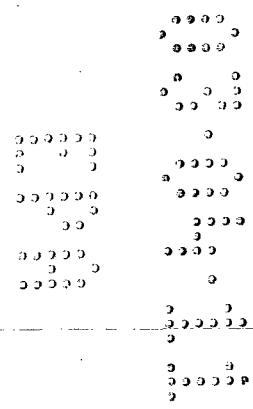
EPA REG. NO. 5185-501  
EPA EST. NO. 5185-GA-1

NET WEIGHT: {as indicated on container}



{Optional marketing statements that may be used with pool sanitization with any of the product forms on this label including: 1 inch tablets, 3 inch tablets, sticks, floater, winter floater, and E-Z Clor Feeder Canister / Type E Canister.}

- [Made in USA]
- [Slow-Dissolving Sanitizer]
- [Kills Bacteria]
- [Controls Bacteria and Algæ]
- [Controls Algae]
- [Kills Bacteria and Controls Algae]
- [With built in scale preventative and sunlight protector]
- [With built in corrosion preventative and sunlight protector]
- [With built-in metal stain inhibitor, scale preventative, water softener and sunlight protector]
- [With built-in Sunlight Protector]
- [with SUNSHIELD® Protects chlorine from sunlight, so you use less]
- [With built-in metal stain inhibitor, scale preventative, water softener]
- [Helps prevent corrosion & metal staining]
- [Reduces Scale Formation]
- [Makes water silky smooth]
- [Makes water soft and smooth]
- [Softens Water]
- [Protects pool equipment for longer life]
- [Step 1] {Sanitizers are marketed as step one of a three step program to treat swimming pool water.}
- [SilkGuard®]
- [With SilkGuard®]
- [With SilkGuard® Technology]
- [Featuring SilkGuard® Technology]
- [Prevents scaling, protects against corrosion and metal staining]
- [Silk[Tab®][Stick®] color may fade once in contact with water. [This is normal as it is a sign that it is working]]
- [Kills bacteria and controls algae]
- [Gentle on equipment – prevents corrosion/metal staining]
- [With Sunlight protector]
- [Protects equipment]
- [Sanitizer]
- [For all pool types]
- [For all pool surfaces]
- [Sanitizer 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 Silk with BioLab UV system]
- [Maintain] {Designates that this product is part of maintenance line of products}



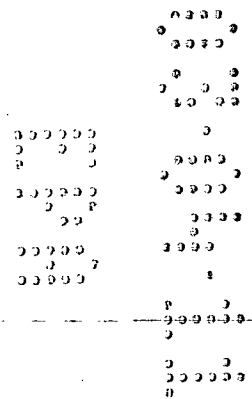
[Test and Add\*] {Application frequency per routine maintenance directions.}  
[\*Please refer to directions for use]

[BioGuard Care System]  
{The "BioGuard Care System" below may be placed on the label to allow easy product identification by consumers.}  
[BioGuard Care System (X) Sanitizer ( ) Shock ( ) [Algicide][Algaecide]]

{Optional marketing statements that may be used with pool sanitization with 1 inch tablets.}  
[Slow-Dissolving Sanitizer for Routine Use in Automatic Feeders or Floaters]  
[For use in Automatic Feeders or Floaters]  
[Multifunctional 1" Chlorinating Tablets]  
[Multifunctional 1" Chlorinating Tabs]  
[Compound Action 1" Chlorinating Tablets]  
[[[1"] Chlorinating Tablets][with SilkGuard®]]  
[1" Sanitizer Tablets]

{Optional marketing statements that may be used with pool sanitization with 3 inch tablets.}  
[Slow-Dissolving Sanitizer for Routine Use in Automatic Feeders, Floaters, or Plastic Skimmers]  
[For use in Automatic Feeders, Floaters or Plastic Skimmers]  
[Multifunctional 3" Chlorinating Tablets]  
[Multifunctional 3" Chlorinating Tabs]  
[Compound Action 3" Chlorinating Tablets]  
[[[3"] Chlorinating Tablets][with SilkGuard®]]  
[3" Sanitizer Tablets]

{Optional marketing statements that may be used with pool sanitization with sticks.}  
[Slow-Dissolving Sanitizer for Routine Use in Automatic Feeders, Floaters, or Plastic Skimmers]  
[For use in Automatic Feeders, Floaters or Plastic Skimmers]  
[Multifunctional Chlorinating Sticks]  
[Compound Action Chlorinating Sticks]  
[[Chlorinating Sticks][with SilkGuard®]]  
[Sanitizer Sticks]



*{Optional marketing statements that may be used with pool sanitization with pool floater sanitization.}*

[Concentrated, Stabilized, Slow-Dissolving Sanitizer for convenient use in above ground and in-ground pools]

[Self contained floater dispenses product, and tips on its side when empty]

[Compound Action Chlorinating Floater]

[[Chlorinating Floater][with SilkGuard®]]

[Multifunctional Chlorinating Floater]

*{Optional marketing statements that may be used with E-Z Chlor Feeder Canister and Type E Canister.}*

[Concentrated]

[Stabilized]

[Chlorinating Tablets]

[Contains stabilized chlorinating tablets.]

[For E-Z Chlor® Chlorinators.]

[For use in erosion feeders]

[Compound Action Chlorinating Canister]

[[Chlorinating Canister][with SilkGuard®]]

[Multifunctional Chlorinating Canister]

*{Optional marketing statements that may be used with winter floater}*

[For continuous winter chlorination.]

[FOR WHITE PLASTER POOLS ONLY.]

[Winter Floater]

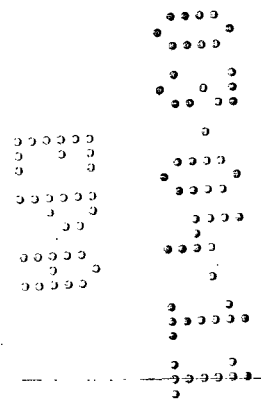
[Off season]

[Compound Action Chlorinating Floater]

[[Chlorinating Floater][with SilkGuard®]]

[Multifunctional Chlorinating Floater]

[[At] pool closing]





*{Directions to be used for pool sanitization with 1 inch tablets}*

**POOL SANITIZATION WITH 1 INCH TABLETS**

*{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 Silk] *{or}* [This product] with SilkGuard<sup>®</sup>, the compound action [blue] tablet that does more:

- Kills bacteria [and controls algae]
- Prevents metal staining and corrosion
- Reduces scale formation
- Makes water [silky] *{or}* [soft and] smooth
- Softens water

SilkGuard<sup>®</sup> protects your pool equipment for longer life. It coats metal surfaces protecting them from corrosion and rust. It prevents scale formation in your pool circulation system and pool surfaces. SilkGuard<sup>®</sup> makes the water soft and [silky] smooth.

[BioGuard Silk] *{or}* [This product] also contains [SUNSHIELD<sup>®</sup>], which protects chlorine from sunlight, so you use less.] *{or}* [sunlight protected chlorine.]

The [blue] Silk Tab<sup>®</sup> gives you crystal blue soft sparkling water and protects your investment.

***{Option B}***

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

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

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

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

[BioGuard Silk] *{or}* [This product] is one of the chlorinating sanitizer products for the BioGuard Care System. [BioGuard Silk] *{or}* [This product] with SilkGuard<sup>®</sup>, the compound action [blue] tablet that does more:

- Kills bacteria [and controls algae]
- Prevents metal staining and corrosion
- Reduces scale formation
- Makes water [silky] *{or}* [soft and] smooth
- Softens water

SilkGuard® protects your pool equipment for longer life. It coats metal surfaces protecting them from corrosion and rust. It prevents scale formation in your pool circulation system and on pool surfaces. SilkGuard® makes the water soft and [silky] smooth.

[BioGuard Silk] {or} [This product] also contains [SUNSHIELD®, which protects chlorine from sunlight, so you use less.] {or} [sunlight protected chlorine.]

[BioGuard Silk] {or} [This product] should be used as a maintenance sanitizer when using the BioLab UV system].

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in any 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 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.

Do not add other chemicals into the feeder or floater where this product is in use as a fire or explosion may occur. To avoid damage to pool surface or materials do not allow product to come in direct contact with these materials. Do not throw tablets directly into pool.

**INITIAL TREATMENT:**

If water is cloudy or green, superchlorinate pool with appropriate shock product until pool is clear. Add 16 ounces of this product (approximately 23 tablets) per 10,000 gallons of pool water to feeder or floater. Adjust the feeder or floater following manufacturer's instructions to establish a free available chlorine level between 1-4 ppm. Allow water to circulate at least 4 hours and then test for the free available chlorine level. When free available chlorine level is adjusted to 1-4 ppm, add the preventative [algicide] {or} [algaecide] appropriate to your needs.

**ROUTINE MAINTENANCE:**

Add 16 ounces of this product (approximately 23 tablets) per 10,000 gallons of pool water per week, or as often as needed, to the floater or feeder to maintain a constant free available chlorine level of 1-4 ppm. Sunlight, rainfall, temperature, number of swimmers, and frequency of pool use affect the rate of chlorine residual loss so check the floater or feeder often and refill as needed.

**Reentry into treated swimming pools is prohibited when free available chlorine levels are above 4 ppm due to risk of body injury.**

{Directions to be used for pool sanitization with 3 inch tablet }

**POOL SANITIZATION WITH 3 INCH TABLETS**

{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 Silk] {or} [This product] with SilkGuard®, the compound action [blue] tablet that does more:

- Kills bacteria [and controls algae]
- Prevents metal staining and corrosion
- Reduces scale formation
- Makes water [silky] {or} [soft and] smooth
- Softens water

SilkGuard® protects your pool equipment for longer life. It coats metal surfaces protecting them from corrosion and rust. It prevents scale formation in your pool circulation system and pool surfaces. SilkGuard® makes the water soft and [silky] smooth.

[BioGuard Silk] {or} [This product] also contains [SUNSHIELD®, which protects chlorine from sunlight, so you use less.] {or} [sunlight protected chlorine.]

The [blue] Silk Tab® gives you crystal blue soft sparkling water and protects your investment.

**{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".]

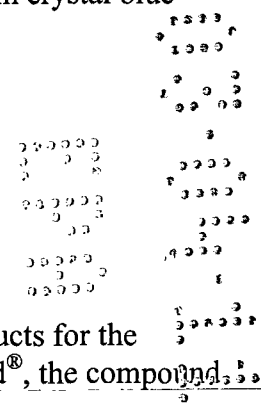
[The BioGuard® Care System has three important parts that help you maintain crystal blue sparkling water.

- A Sanitizer to control bacteria
- A Shock to destroy contaminants
- A Preventative algicide to stop algae before it starts

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

[BioGuard Silk] {or} [This product] is one of the chlorinating sanitizer products for the BioGuard Care System. [BioGuard Silk] {or} [This product] with SilkGuard®, the compound action [blue] tablet that does more:

- Kills bacteria [and controls algae]
- Prevents metal staining and corrosion
- Reduces scale formation
- Makes water [silky] {or} [soft and] smooth
- Softens water



SilkGuard® protects your pool equipment for longer life. It coats metal surfaces protecting them from corrosion and rust. It prevents scale formation in your pool circulation system and on pool surfaces. SilkGuard® makes the water soft and [silky] smooth.

[BioGuard Silk] {or} [This product] also contains [SUNSHIELD®], which protects chlorine from sunlight, so you use less.] {or} [sunlight protected chlorine.]

[BioGuard Silk] {or} [This product] should be used as a maintenance sanitizer when using the BioLab UV system].

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in any 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 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.

Do not add other chemicals into the skimmer, feeder or floater where this product is in use as a fire or explosion may occur. To avoid damage to pool surface or materials do not allow product to come in direct contact with these materials. Do not throw tablets directly into pool.

**INITIAL TREATMENT:**

If water is cloudy or green, superchlorinate pool with appropriate shock product until pool is clear. **If using a feeder or floater**, add 16 ounces of this product (two tablets) per 10,000 gallons of pool water to feeder or floater. Adjust the feeder or floater following manufacturer's instructions to establish a free available chlorine level between 1-4 ppm. Allow water to circulate at least 4 hours and then test for the free available chlorine level. When free available chlorine level is adjusted to 1-4 ppm, add the preventative [algicide] {or} [algaecide] appropriate to your needs.

**If using a plastic skimmer**, add 16 ounces of this product (two tablets) per 10,000 gallons of pool water. Place tablets in skimmer basket. Allow water to circulate at least 4 hours before testing. Test for the free available chlorine level adding more tablets as necessary to establish a free available chlorine level of 1-4 ppm. When free available chlorine level is adjusted to 1-4 ppm, add the preventative [algicide] {or} [algaecide] appropriate to your needs.

**ROUTINE MAINTENANCE:**

Add 16 ounces of this product (two tablets) per 10,000 gallons of pool water per week, or as often as needed, to the floater, feeder or skimmer to maintain a constant free available chlorine level of 1-4 ppm. Sunlight, rainfall, temperature, number of swimmers, and frequency of pool use affect the rate of chlorine residual loss so check the floater, feeder or skimmer often and refill as needed.

**Reentry into treated swimming pools is prohibited when free available chlorine levels are above 4 ppm due to risk of body injury.**

*{Directions to be used for pool sanitization with sticks}*

**POOL SANITIZATION WITH STICKS**

*{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}***

[These Sticks] *{or}* [BioGuard Silk] *{or}* [This product] with SilkGuard<sup>®</sup>, the compound action [blue] stick that does more:

- Kills bacteria [and controls algae]
- Prevents metal staining and corrosion
- Reduces scale formation
- Makes water [silky] *{or}* [soft and] smooth
- Softens water

SilkGuard<sup>®</sup> protects your pool equipment for longer life. It coats metal surfaces protecting them from corrosion and rust. It prevents scale formation in your pool circulation system and pool surfaces. SilkGuard<sup>®</sup> makes the water soft and [silky] smooth.

[These Sticks] *{or}* [BioGuard Silk] *{or}* [This product] also contains [SUNSHIELD<sup>®</sup>, which protects chlorine from sunlight, so you use less.] *{or}* [sunlight protected chlorine.]

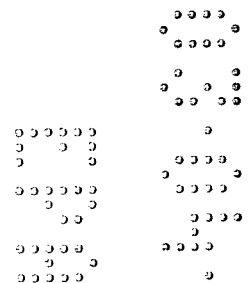
The [blue] Silk Stick<sup>®</sup> gives you crystal blue soft sparkling water and protects your investment.

***{Option B}***

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

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

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



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

[BioGuard Silk] *{or}* [This product] is one of the chlorinating sanitizer products for the BioGuard Care System. [These Sticks] *{or}* [BioGuard Silk] *{or}* [This product] with SilkGuard<sup>®</sup>, the compound action [blue] stick that does more:

- Kills bacteria [and controls algae]
- Prevents metal staining and corrosion
- Reduces scale formation
- Makes water [silky] *{or}* [soft and] smooth
- Softens water

SilkGuard® protects your pool equipment for longer life. It coats metal surfaces protecting them from corrosion and rust. It prevents scale formation in your pool circulation system and on pool surfaces. SilkGuard® makes the water soft and [silky] smooth.

[These Sticks] {or} [BioGuard Silk] {or} [This product] also contains [SUNSHIELD®, which protects chlorine from sunlight, so you use less.] {or} [sunlight protected chlorine.]

[These Sticks] {or} [BioGuard Silk] {or} [This product] should be used as a maintenance sanitizer when using the BioLab UV system].

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in any 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 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.

Do not add other chemicals into the skimmer, feeder or floater where this product is in use as a fire or explosion may occur. To avoid damage to pool surface or materials do not allow product to come in direct contact with these materials. Do not throw sticks directly into pool.

**INITIAL TREATMENT:**

If water is cloudy or green, superchlorinate pool with appropriate shock product until pool is clear.

**If using a feeder or floater,** add 16 ounces of this product (two sticks) per 10,000 gallons of pool water to feeder or floater. Adjust the feeder or floater following manufacturer's instructions to establish a free available chlorine level between 1-4 ppm. Allow water to circulate at least 4 hours and then test for the free available chlorine level. When free available chlorine level is adjusted to 1-4 ppm, add the preventative [algicide] {or} [algaecide] appropriate to your needs.

**If using a plastic skimmer,** add 16 ounces of this product (two sticks) per 10,000 gallons of pool water. Place sticks in skimmer basket. Allow water to circulate at least 4 hours before testing. Test for the free available chlorine level adding more sticks as necessary to establish a free available chlorine level of 1-4 ppm. When free available chlorine level is adjusted to 1-4 ppm, add the preventative [algicide] {or} [algaecide] appropriate to your needs.

**ROUTINE MAINTENANCE:**

Add 16 ounces of this product (two sticks) per 10,000 gallons of pool water per week, or as often as needed, to the floater, feeder or skimmer to maintain a constant free available chlorine level of 1-4 ppm. Sunlight, rainfall, temperature, number of swimmers, and frequency of pool use affect the rate of chlorine residual loss so check the floater, feeder or skimmer often and refill as needed.

**Reentry into treated swimming pools is prohibited when free available chlorine levels are above 4 ppm due to risk of body injury.**

*{Directions to be used for pool floater sanitization }*

**POOL FLOATER SANITIZATION**

*{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}***

This disposable floating dispenser sanitizes the water and then tips on its side when empty. The multifunctional sanitizer kills bacteria and controls algae, prevents metal staining and corrosion, reduces scale formation and softens water. [Its unique additive actually coats metal surfaces, protecting them against rust.] Additionally, [it contains an additive that][this additive] protects pool surfaces from metal stains and acts like a magnet to bind hard water components, making your pool water [silky] *{or}* [soft and] smooth. This sanitizer will last longer compared to chlorine products such as liquid bleach or calcium hypochlorite, as it contains [SUNSHIELD®], which protects chlorine from sunlight, so you use less.] *{or}* [sunlight protected chlorine.] It's the perfect solution for clear, [silky] *{or}* [soft and] smooth, inviting pool water.

***{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".]

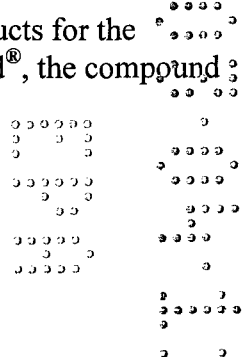
[The BioGuard® Care System has three important parts that help you maintain crystal blue sparkling water.

- A Sanitizer to control bacteria
- A Shock to destroy contaminants
- A Preventative algicide to stop algae before it starts

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

[BioGuard Silk] *{or}* [This product] is one of the chlorinating sanitizer products for the BioGuard Care System. [BioGuard Silk] *{or}* [This product] with SilkGuard®, the compound action [blue] tablet that does more:

- Kills bacteria [and controls algae]
- Prevents metal staining and corrosion
- Reduces scale formation
- Makes water [silky] *{or}* [soft and] smooth
- Softens water



SilkGuard® protects your pool equipment for longer life. It coats metal surfaces protecting them from corrosion and rust. It prevents scale formation in your pool circulation system and on pool surfaces. SilkGuard® makes the water soft and [silky] smooth.

[BioGuard Silk] *{or}* [This product] also contains [SUNSHIELD®], which protects chlorine from sunlight, so you use less.] *{or}* [sunlight protected chlorine.]

[BioGuard Silk] {or} [This product] should be used as a maintenance sanitizer 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 directions 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 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.

During shock treatment, remove floater from pool. Place floater in an empty, clean, dry plastic container. Place it back in pool when the process is completed. Do not completely submerge floater or allow holes to become clogged. This could trap excess amount of chlorine gas possibly resulting in a violent explosion. Do not attempt to open or refill this product.

Floater is marked in gallon increments from 5,000 to 40,000 gallons. To use, cut off all feeder nubs on both sides of cartridge up to and including the one corresponding to your pool's size. If pool is between sizes marked, open next higher nubs. Use a sharp knife and cut in direction away from your body and limbs. (Fig.A) Make certain holes are wide open to allow water to flow through freely. Place floater with open holes in center of the pool. (Fig. B) After 24 hours check residual chlorine level with a test kit. If residual chlorine level is below 1.0 ppm cut-off one additional nub until chlorine stabilizes at 1-4 ppm. If the residual chlorine is too high, seal one set of holes with waterproof plastic tape. When ready for replacement, this product will float on its side. (Fig. C)

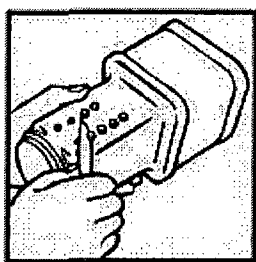


FIG. A

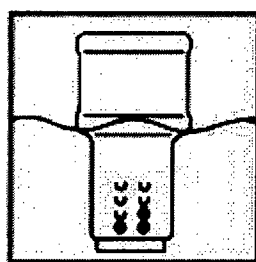


FIG. B

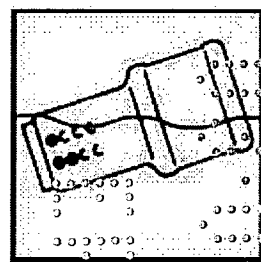


FIG. C

Reentry into treated swimming pools is prohibited when free available chlorine levels are above 4 ppm due to risk of body injury.



*{Directions for E-Z Clor Feeder Canister and Type E Canister}*

**SWIMMING POOL SANITIZER FOR USE IN E-Z CLOR® FEEDER**

*{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}***

This multifunctional sanitizer with SilkGuard® when used as directed kills bacteria and controls algae, prevents metal staining and corrosion, reduces scale formation and softens water. Its unique additive SilkGuard® actually coats metal surfaces, protecting them against rust. Additionally, this additive protects pool surfaces from metal stains and acts like a magnet to bind hard water components, making your pool water [silky] *{or}* [soft and] smooth. This sanitizer will last longer compared to chlorine products such as liquid bleach or calcium hypochlorite, as it contains [SUNSHIELD®, which protects chlorine from sunlight, so you use less.] *{or}* [sunlight protected chlorine.] This product is not a floating device and is only to be used with automatic chlorinating systems such as a refill for automatic chlorinating systems using the Type "E" refill cartridge.

***{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".]

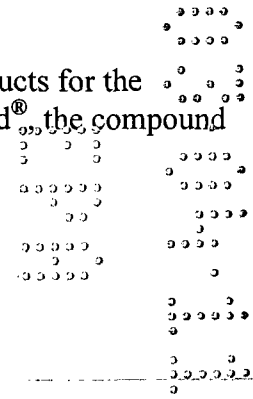
[The BioGuard® Care System has three important parts that help you maintain crystal blue sparkling water.

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

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

[BioGuard Silk] *{or}* [This product] is one of the chlorinating sanitizer products for the BioGuard Care System. [BioGuard Silk] *{or}* [This product] with SilkGuard® the compound action [blue] tablet that does more:

- Kills bacteria [and controls algae]
- Prevents metal staining and corrosion
- Reduces scale formation
- Makes water [silky] *{or}* [soft and] smooth
- Softens water



SilkGuard® protects your pool equipment for longer life. It coats metal surfaces protecting them from corrosion and rust. It prevents scale formation in your pool circulation system and on pool surfaces. SilkGuard® makes the water soft and [silky] smooth.

[BioGuard Silk] {or} [This product] also contains [SUNSHIELD<sup>®</sup>, which protects chlorine from sunlight, so you use less.] {or} [sunlight protected chlorine.]

[BioGuard Silk] {or} [This product] should be used as a maintenance sanitizer when using the BioLab UV system].

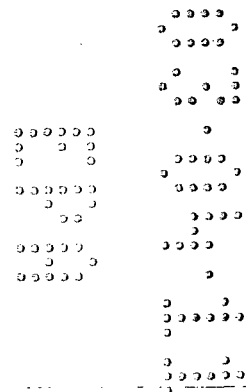
**DIRECTIONS FOR USE:** It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

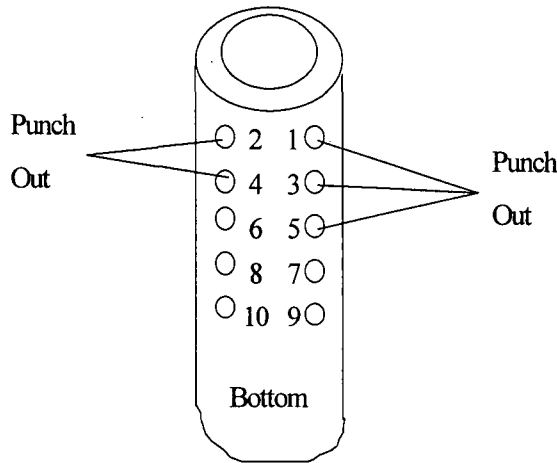
Ensure all pool equipment is working properly. Backwash the filter system following manufacturer's directions. Adjust pH to between 7.2-7.6. Add stabilizer to establish a minimum stabilizer level of 40-50 ppm to reduce the degradative effects of sunlight upon the chlorine residual. Superchlorinate the pool so that a chlorine residual of between 1-4 ppm is obtained. When using other products as outlined in directions for this product, always follow directions on those products. Do not attempt to open or refill this cartridge.

1. Select a large nail, sharp knife or similar tool to punch out dimples per step #2. Place cartridge on a solid surface and work carefully to avoid injury.
2. Punch out appropriate dimples on both of the upper sides of cartridge according to the chart below based on the size of your pool:

Gallons of pool water:	Dimples to punch:
5,000	1
10,000	1, 2, & 3
15,000	1, 2, 3, 4, & 5
20,000	1, 2, 3, 4, 5, 6, & 7
30,000	1, 2, 3, 4, 5, 6, 7, 8, & 9

Example: 15,000 gallon pool. Punch out dimples numbered 1, 2, 3, 4 and 5. See diagram:



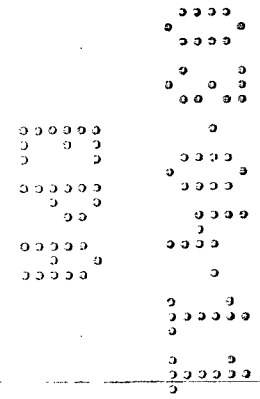


3. Punch out all eight (8) clear dots on top of cap.

4. Turn cartridge upside down and place into chlorinator. Follow equipment manufacturer's directions for installation of the Type "E" cartridge.

5. After the cartridge has been in use for 24 hours, check the chlorine level of the water with a test kit or test strips. The correct chlorine level range is 1-4 ppm. If level is below 1 ppm, punch out next higher number. If level is above 4 ppm, cover highest hole with water proof tape. Make additional adjustments as required to maintain a 1-4 ppm chlorine residual.

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



*{Directions to be used for winter floater}*

**WINTER SWIMMING POOL TREATMENT**

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

[BioGuard Silk] *{or}* [This product], containing SilkGuard®, provides a source of effective sanitizing agent for winterized pools. Contains Silk Technology. **Do not** allow swimming in pool while this product is in use.

**DIRECTIONS FOR USE**

It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

**THIS PRODUCT IS FOR USE IN WHITE PLASTER POOLS ONLY AND SHOULD BE USED AS A SUPPLEMENTAL SOURCE OF SANITIZER ONLY FOR WINTERIZATION PURPOSES.**

Before using this product the pool water should be properly balanced and appropriately treated with winterizing products appropriate for your geographic area. Consult with your [BioGuard Dealer] [dealer] for proper winterization procedures.

After winterization procedures are complete, place this product into the center of the pool in the deep end of the pool. The bag containing the chlorinating sticks will hang below the surface of the water and be kept afloat. Use one (1) of this product for each 10,000 gallons of pool water. This product may be used with mesh or solid covers.

Additional applications may be needed and are recommended in the following circumstances:

A. If the pool is uncovered and the water temperature is above 60° F, 30 to 45 days following initial application, apply one (1) of this product for each 10,000 gallons. Place this product into the center of the pool at the deep end of the pool. Monitor pool water temperature and reapply every 30 to 45 days when water temperature is above 60° F.

B. If the cover was placed on the pool before the water temperature was below 60° F, 30 to 45 days after initial application, apply one (1) of this product for each 10,000 gallons. Pull the cover back from the deep end of the pool an adequate distance to allow this product to be placed away from the sides of the pool. Replace the cover and secure properly.

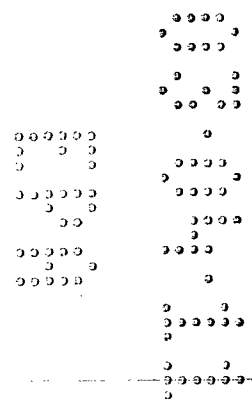
**DISPOSAL OF PACKAGE AFTER USE:**

**WEAR GOGGLES AND RUBBER GLOVES WHEN REMOVING FLOATER FROM THE POOL.**

When the pool is opened in the spring, empty floater should be drained and disposed of by placing into trash collection. If any un-dissolved product remains in the floater at the time of

pool opening, remove the floater from the pool and drain off any water inside the bag area into the pool. Open the bag and remove the solid product from the bag. Place the product into an empty pool skimmer basket. Operate the circulation system of the pool at least 12 hours per day until the product has completely dissolved. DO NOT PLACE THIS PRODUCT INTO A SKIMMER WHERE OTHER PRODUCTS ARE PRESENT. DO NOT PLACE OTHER PRODUCTS INTO A SKIMMER WHERE THIS PRODUCT IS PRESENT. Dispose of the floatation material and plastic bag by placing into trash collection.

**NOTE: THE FLOATATION MATERIAL CONTAINED IN THIS PRODUCT ALONG WITH THE PLASTIC BAG SHOULD BE DISPOSED OF BY PLACING THEM INTO TRASH COLLECTION.**



**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. Moisture may decompose this product and cause a violent reaction leading to fire and explosion. In case of decomposition, isolate container if possible and flood area with large amounts of water to dissolve all material before discarding this container. 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 and skin burns. May be fatal if absorbed through skin. May be fatal if inhaled. Do not breathe dust or fumes. Irritating to nose and throat. Harmful 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. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash 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.

**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 [1-877-800-5553] [telephone number supplied by supplemental registrant].]**

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

**PHYSICAL OR CHEMICAL HAZARDS:** CONTAINS A STRONG OXIDIZING AGENT. Do not mix with other chemicals. Mix only with water. Never add water to product. Always add product to large quantities of water. When using automatic feeding devices, always follow manufacturer's directions as to the proper addition of sanitizer product to chlorinators. 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 moisture, 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 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 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.

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NEW TEXT/GRAPHICS

