

PM-32

Reg # 5185-323

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Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060. Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
243595

Application for Pesticide - Section I

1. Company/Product Number 5185-323	2. EPA Product Manager W. Francis	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BioGuard Master Lithium Hypochlorite	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) BioLab, Inc. PO Box 1489 Decatur, GA 30031-1489 <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.)

See attached Explanation page.

Advisory Statement

NOTIFICATION

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input 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 type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input 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 Federal Registration Manager	Telephone No. (Include Area Code) (404) 378-1761, x359
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 <i>Mark Jernigan</i>	3. Title Federal Registration Manager	
4. Typed Name Mark Jernigan	5. Date 8/15/96	

Changes + additions marked on this label.

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BioGuard®

MASTER LITHIUM HYPOCHLORITE

- RAPIDLY AND COMPLETELY SOLUBLE
- RIDS POOL OF ORGANIC WASTE
- RESTORES INVITING SPARKLE

ACTIVE INGREDIENT:	
Lithium Hypochlorite	29.0%
Inert Ingredients:	71.0%
TOTAL INGREDIENTS	100.0%

KEEP OUT OF REACH OF CHILDREN DANGER (See back panel for additional precautionary statements.)

STATEMENTS OF PRACTICAL TREATMENT: IF CONTACT WITH EYES OCCURS: Immediately flush with cold water for at least 15 minutes. Then get immediate medical attention. **IF CONTACT WITH SKIN:** Brush off excess chemical and flush skin with cold water for at least 15 minutes. If irritation persists, get medical attention. **IF INHALED:** Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If not breathing, give artificial respiration. Call a physician immediately. **IF SWALLOWED:** Drink large amounts of water. DO NOT induce vomiting. Avoid alcohol. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. **IN CASE OF MEDICAL EMERGENCY, CALL 1-303-623-5716.**

MANUFACTURED BY: BJO-LAB, INC. Decatur, Georgia 30001 USA

795081
EPA REG. # 5185-323
EPA EST. # 5185-GA-1

NET WEIGHT: 5185-323

FOR POOL SHOCK:

Swimming pool water is subject to accumulation of a wide variety of organic contaminants: perspiration, suntan lotions, hair sprays and cosmetics. This product will effectively reduce organic contamination in swimming pool water and disinfect water, resulting in sparkling, clear water. This product may be used in pools sanitized with chlorine or bromine.

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

Ensure all pool equipment is working properly. Backwash the filter system following manufacturer's directions. Adjust pH to between 7.2-7.6. In chlorine treated pools, add stabilizer to establish a minimum level of 40-50 ppm to reduce the degradative effects of sunlight upon the chlorine residual. Check for metals before using this product and if present, add stain and scale inhibitor to prevent staining of pool surface due to metals. When using other products as outlined in the directions for this product, always follow directions on those products.

NOTE: ONLY ONE OR BOTH OF THE FOLLOWING STATEMENTS MAY BE USED.

For weekly application intervals in residential swimming pools, use this product at the rate of 1 lb. per 12,000 gallons of water. Add the total recommended amount at one time broadcasting evenly into the deep end of the pool, when the pool is not in use (preferably at night) and with pump running. Also reapply after heavy rain showers or following heavy bather loads.

For two week application intervals in residential swimming pools, use this product at the rate of 1 lb. per 6,000 gallons of water every other week. Add the total recommended amount at one time, broadcasting evenly into the deep end of the pool when the pool is not in use (preferably at night) and with pump running. Reapply after heavy rain showers or following heavy bather loads.

To prevent damage to pool surface, use a pool brush to disperse any granules which may have settled to the bottom of the pool.

FOR POOL SANITIZATION:

This product is a convenient and economical source

of chlorine for routine sanitization of your pool.

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.

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POOL START UP: Add this product at the rate of 1 pound per 5,000 gallons of water. To prevent damage to pool surface, use a pool brush to disperse granules which may have settled to the bottom of the pool. Repeat this treatment after 24 hours, if needed, to establish a halogen residual of 1-3 ppm as determined by a test kit.

REGULAR USE DOSAGES:

Broadcast a daily dose of 4-6 oz. per 10,000 gallons of water in deep end of the pool to maintain the halogen residual at 1-3 ppm. To prevent damage to pool surface, use a pool brush to disperse granules which may have settled to the bottom of the pool.

SHOCK TREATMENT: When algae are seen, add this product at the rate of 1 lb. per 6,000 gallons of water. Add the total recommended amount at one time broadcasting evenly into the deep end of the pool, when the pool is not in use (preferably at night).

FOR POOL WINTERIZING:

To avoid costly spring problems (algae, cloudy water, high chlorine demand) properly prepare your pool for the winter using this product. This product oxidizes organic wastes, provides quick dissolving chlorine protection, helps keep pool surfaces clean, and helps protect water during the off season months. May be used in all types of swimming pools.

DIRECTIONS FOR USE: It is a violation of Federal

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Use ^{TWC}one pound of this product per ¹⁰1000 gallons of water. Broadcast directly into the water in the deep end of the pool. To prevent damage to pool surface, use a pool brush to disperse any granules which may have settled to the bottom of the pool. Circulate water for several hours, or preferably overnight, then apply a winter algae preventative following appropriate label directions. Cut off pump. Drain equipment or add suitable swimming pool antifreeze to equipment to prevent freeze damage. Install pool cover. A second treatment of this product in mesh covered or non-covered pools may be required prior to water freezing (mid-winter).

TO DETERMINE POOL CAPACITY:

Rectangular Pools - Length time width time average depth (in feet) times 7.5 equals gallons. Round and Oval Pools - Long diameter time short diameter times average depth (in feet) time 5.9 equals gallons.

Reentry into treated swimming pools is prohibited above levels of 3 ppm chlorine or 8 ppm bromine due to risk of body injury.

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. CON-

TAINER DISPOSAL: Do not reuse container, but place in trash collection. Rinse thoroughly before discarding in trash.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER: Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or safety glasses and rubber gloves when handling this product. Irritating to nose and throat. Avoid breathing dust and fumes. Remove and wash contaminated clothing before reuse. For skin or eye contact, or if dust/fumes are inhaled, immediately follow statements of practical treatment on front label panel.

PHYSICAL OR CHEMICAL HAZARDS: 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. 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: 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.

MASTER LABEL

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BioGuard

MASTER LITHIUM HYPOCHLORITE

- RAPIDLY AND COMPLETELY SOLUBLE
- RIDS POOL OF ORGANIC WASTE
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