

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
243527

Application for Pesticide - Section I

1. Company/Product Number 5185-144	2. EPA Product Manager R. Douglas	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BioGuard Master Trichloro Compacted	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) BioLab, Inc. P.O. Box 1489 Decatur, GA 30031 <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.)

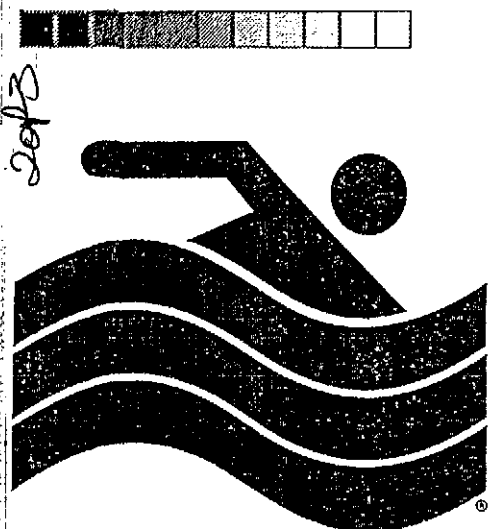
See attached page.

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
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted				<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, ext 359
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 Federal Registration Manager	
4. Typed Name Mark Jernigan	5. Date 12/15/95	



BioGuard®

MASTER TRICHLORO COMPACTED

ACTIVE INGREDIENT:
 Trichloro-s-triazinetriene 99.0%
 Inert Ingredients: 1.0%
 TOTAL INGREDIENTS 100.0%

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

STATEMENTS OF PRACTICAL TREATMENT: IF SWALLOWED: Drink promptly large quantities 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. **IF IN EYES:** Hold eyelids open and flush with a steady, gently stream of water for 15 minutes. Get medical attention. **IF ON SKIN:** Wash with plenty of soap and water. Get medical attention. **IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention. **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
 BIO-LAB, INC.
 Decatur, Georgia 30031 USA
 EPA REG. # 5185-144
 EPA EST. # 5185-GA-1

NET WEIGHT: 35 Lbs. (15.8 kg) 5185-144

FOR GENERAL POOL SANITIZING:

This product is an effective type of stabilized chlorine disinfecting agent when used as directed. This slow dissolving product releases sufficient chlorine to reduce the growth of harmful algae and micro-organisms in 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.

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 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 1-3 ppm is obtained. When using other products as outlined in directions for this product, always follow directions on those products.

FOR USE IN AUTOMATIC CHLORINATORS AND FLOATERS:

This product should be used in proportioning mechanisms such as automatic chlorinators and floaters as a maintenance treatment. Fill unit with this product and adjust the feeding mechanism to assure a constant treatment level of 1-3 ppm available chlorine in the pool water. Normally 1-2 ounces of this product per 10,000 gallons daily. Use a test kit to monitor chlorine levels and adjust the chlorine feed mechanism as needed. Check and refill chlorinator as needed. Do not let this product come in direct contact with vinyl liners or other bleachable surfaces as damage may occur.

FOR USE IN SKIMMERS:

This product may be used in plastic skimmers only if skimmer and the piping between skimmer and pump are plastic. Do not add other chemicals through the skimmer when using this product in skimmer as an explosion or fire may result. Do not turn pump off for more than 8 hours in vinyl pools when pucks are in skimmer. Initially add one of this product per 10,000 gallons of water. Add additional product as determined by a test kit to maintain available chlorine levels of 1-3 ppm.

FOR FLOATER USE:

This product regulates the chlorine that sanitizes your pool. When used as directed, this product automatically releases the correct amount of chlorine in a constant flow to reduce the growth of harmful algae and micro-organisms in your pool for several weeks.

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

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 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 1-3 ppm is obtained. When using other products as outlined in directions for this product, always follow directions on those products.

Floater is marked in gallons 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. Make certain holes are wide open to allow water to flow through freely.

Place floater with open holes in center of the pool. 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 1-3 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.

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.

FOR AUTOMATIC CHLORINATORS (E TYPE CANISTER):

This product when used as directed, automatically releases the correct amount of chlorine to sanitize your pool. This reduces the growth of harmful algae and micro-organisms in your pool for several

3013

Area 1

weeks. 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.

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 level of 40-50 ppm cyanuric acid to reduce the degradative effects of sunlight upon the chlorine residual. Superchlorinate the pool so that a chlorine residual of between 1-3 ppm is obtained. When using other products as outlined in directions for this product, always follow directions on those products.

Do not completely submerge cartridge or allow vent holes to become clogged. Chlorine gas may build up and could cause a violent explosion. Do not attempt to open or refill this cartridge.

Punch out numbered hole in cartridge corresponding to pool size as indicated below. Use a large nail, sharp knife or similar tool for this purpose. Place cartridge on a solid surface and work carefully to avoid injury.

Pool Capacity in Gallons	Open Hole Number
10,000	1
20,000	2
30,000	3
40,000	4
50,000	5
60,000	6

For pools of intermediate size, open hole for next larger capacity. (Example: for 25,000 gallon pool, open hole number 3.) For pools larger than 60,000 gallons, use 2 (or more) cartridges and divide the number of holes to be opened equally among them. (Example: For 80,000 gallon pool, use 2 cartridges and open hole #4 on each.)

Place cartridge (or cartridges) in chlorinator (follow equipment manufacturer's directions for installation of the type "E" cartridge) and wait for 24 hours.

Test pool after 24 hours. Check chlorine level with test kit. Correct range should be 1-3 ppm. If level is below 1 ppm, punch out next higher number. If level is above 3 ppm, cover highest hole with water proof tape. Make additional adjustments as required to maintain a 1-3 ppm chlorine level.

**FOR UNIVERSAL CANISTER:
AUTOMATIC CHLORINATORS E-Z CLOR, CLOR-TROL
1200, FOXAMATIC AND ANTHONY T-120**

This product when used as directed, continuously releases the correct amount of chlorine to sanitize your pool. This reduces the growth of harmful algae and micro-organisms in your pool for several weeks. This product is to be used with automatic chlorinating systems or as a floater.

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 level of 40-50 ppm cyanuric acid to reduce the degradative effects of sunlight upon the chlorine residual. Superchlorinate the pool so that a chlorine residual of between 1-3 ppm is obtained. When using other products as outlined in directions for this product, always follow directions on those products.

**FOR ALL CHLORINATORS EXCEPT
CLOR-TROL 1200 and ANTHONY T-120.**

Unscrew cap and remove cap liner exposing slits. Place cap liner in a dry, clean empty plastic bag. Save cap liner for possible use of the

Area 2

canister as a vacation floater. Screw cap back on canister. Punch out numbered hole in canister corresponding to pool size as indicated below. Place canister on a solid surface and work carefully to avoid injury.

Pool Capacity in Gallons	Open Hole Number
12,000	1
15,000	2
18,000	3
21,000	4
24,000	5
27,000	6

For pools of intermediate size, open hole for next larger capacity. (Example: for 25,000 gallon pool, open hole number 3.) For pools larger than 60,000 gallons, use 2 (or more) cartridges and divide the number of holes to be opened equally among them. (Example: For 80,000 gallon pool, use 2 cartridges and open hole #4 on each.)

Place canister or canisters in chlorinator and wait for 24 hours. Then check chlorine level with test kit. Correct range should be 1.0-3.0 ppm. If residual level is above 3.0 ppm, wait 24 hours and recheck.

CLOR-TROL 1200 AND ANTHONY T-120 CHLORINATORS

Unscrew cap and remove cap liner exposing slits. Place cap liner in a dry, clean empty plastic bag. Save cap liner for possible use of the canister as a vacation floater. Screw cap back on canister. Punch out only hole numbered "A" in canister. Place canister on a solid surface and work carefully to avoid injury. Place canister or canisters in chlorinator and wait for 24 hours. Then check chlorine level with test kit. Correct range should be 1.0-3.0 ppm. If residual level is above 3.0 ppm, wait 24 hours and recheck. Adjust the chlorine output by raising or lowering the canister in the chlorinator using the stair step treads provided.

CHLORINATOR CANISTER AS VACATION FLOATER

In white plaster pools only, the chlorinator canister can be used to treat your pool when away on a trip without leaving the pump running. This canister flips on its side when empty.

Remove canister from chlorinator and unscrew cap and replace cap liner. Punch holes #1 and #2 if not already punched. Place canister in center of pool.

Chlorinating Tablets - For Use in the Control of Algae and Slime in Recirculating Cooling Towers.

When used as directed, this product is effective as a cooling tower algicide, slimeicide, and bactericide. Severely fouled towers should be cleaned prior to treatment for best and most rapid results. Lightly fouled systems may be treated without precleaning. Chlorination requirements vary with percent of time tower is in use, type of tower, air and water temperatures, and contamination in and entering into the water. For these reasons, precise directions cannot be given. The operator will require some experience with treating the tower to establish the optimum treatment schedule and the amounts of this product required.

APPLICATION METHODS: This product may be applied to tower use of a suitable erosion chlorinator with an adjustable flow control or by suspending a dissolving basket in the sump. Chlorination levels are controlled by changing the rate of water flow through the erosion chlorinator or by increasing or decreasing the number of tablets placed in the dissolving basket. During periods when no chlorine is wanted, the water flow through the erosion chlorinator is stopped. The dissolved basket is simply removed and suspended above the water in the sump. Use a DPD free chlorine test kit to measure available chlorine concentrations in the water.

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

INITIAL TREATMENT: Place in the chlorinator, dissolving basket or sump, 1 oz. of this product for each 1,000 gallons of water in the system. Tablets should be placed in an area of constant water flow. Open flow control on erosion chlorinator to maximum until a 1.0 ppm chlorine residual is obtained. Adjust flow or add tablets to maintain chlorine at 1-2 ppm until fouling is gone.



CONTINUOUS TREATMENT: Adjust flow through erosion chlorinator to maintain available chlorine reading at 0.5 to 1.0 ppm or keep the proper number of tablets in the dissolving basket or sump to maintain a 0.5 to 1.0 ppm available chlorine reading.

INTERMITTENT TREATMENT: This is most easily done with an erosion chlorinator. One to three times daily, establish a 1.0 ppm available chlorine reading in the recirculating water and maintain that level of available chlorine for one hour.

Quaternary ammonium biocides will often complement the action of this product as they tend to disperse slime masses, which available chlorine can then penetrate and kill. A quaternary biocide slug fed into a tower on an occasional basis will help prevent the development of resistant organisms and will tend to keep surfaces cleaner.

Optimum performance with this product will be obtained if the recirculating water pH is maintained between pH 7.2 and 7.6 during the treatment.

Reentry into treated swimming pools is prohibited above levels of 3 ppm chlorine 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. **CONTAINER 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: 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 spray mists. Irritating to nose and throat. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield, 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.

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 reuse 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.

HOW TO CALCULATE POOL CAPACITY

Shape of Pool	Gallons of water
Rectangular	Average depth x average length x average width x 7.5
Circular	Diameter x diameter x average depth x 5.9
Oval	Full width x full length x average depth x 6.7
Irregular	Consult pool builder