## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JAN 29 2002

Mr. Mark Jernigan Bio-Lab Inc. P.O. Box 1489 Decatur, GA 30031

Subject: BioGuard Master Dichloro Dihydrate

EPA Registration Number 5185-441

Your Letters Dated April 20, 2001 and June 29, 2001

Dear Mr. Jernigan:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable:

- respond to PR Notice 2001-1
- add optional marketing statements
- add "per 10,000 gallons" to the directions for use for superchlorination under swimming pool sanitizer
- add stand alone directions for swimming pool superchlorination
- delete directions for cooling towers
- add a re-entry statement for spas
- add optional storage and disposal directions specific to bags to be used when the product is sold in bags.
- delete "spray mists" under the Hazards to Humans and Domestic Animals
- make minor text changes to label as highlighted on enclosed label with changes marked

# Children Committee

A stamped copy of the accepted labeling is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Delores Williams at (703) 308-6372.

Sincerely

Robert S. Brennis

Product Manager 32

Regulatory Management Branch II Antimicrobials Division (7510C)

CONCURRENCES							
SYMBOL							
SURNAME )							
DATE					***************************************		

Ser The Forderal Insactionide Fungicials as-

rationde Act, as askeaded, for the ide registered under

{All te: t in I rackets [xxx] is optional and may or may not be included on a final label.}

{All text in races {xxx} is administrative and will not appear on a final label.}

## **BIOGUARD** MASTER DICHLORO DIHYDRATE

{Optional marketing statements that may be used with swimming pool sanitization.} [For use in vinyl, painted, fiberglass or color plaster surface pools.] [Granular Stabilized Chlorinator] [Restores water clarity.] [Ideal for pool start-ups.] [Ideal for white plaster pools.] [Ideal for vinyl pools.] [For all p iol types] [For all p tol surfaces] [Quick-d ssolving] [Quick-d ssolving stabilized chlorinating granules.] [Quick-dissolving sanitizer and oxidizer.] {Options! marketing statements that may be used with pool superchlorination.} [For use in vinyl, painted, fiberglass or color plaster surface pools.]

[Restores water clarity.]

[Id∈ al fo pool start-ups.]

[Ide al fc white plaster pools.]

[Ideal for vinyl pools.]

[For all pool surfaces]

[Fcr all lool types] [Quick- issolving]

[Quick- issolving stabilized chlorinating granules.]

[Quick-lissolving sanitizer and oxidizer.]

[Use er tire bag in one application.] {To only be used if sold in one pound bags.}

(Ontion all marketing statements that may be used with swimming pool algaecide.)

[For us : in vinyl, painted, fiberglass or color plaster surface pools.]

[Granu ar Stabilized Chlorinator]

[Resto es water clarity.]

[Ic eal for pool start-ups.] [Ic eal for white plaster pools.]

[Fast-acting granular algae killer.]

[keal or vinyl pools.]

[For all pool types]

[For all pool surfaces]

[Cluick dissolving]

[Cuick dissolving stabilized chlorinating granules.]

[Cuick dissolving sanitizer and oxidizer.]

[Use ∈ ntire bag in one application.] {To only be used if sold in one pound bags.}

(Optic nal i narketing statements that may be used with winter swimming pool treatment.)

[Effective inter shock treatment.]

[Ideal for v hite plaster pools.]

[Ideal for vinyl pools.]

[For use it vinyl, painted, fiberglass or color plaster surface pools.]

[For all pc of types]
[For all pc of surfaces]

[Grai ular Stabilized Chlorinator]

[Res ores water clarity.]

[Quick-di solving stabilized chlorinating granules.]

(Optiona marketing statements that may be used with spa and hot tub sanitization.)

[Granula Stabilized Chlorinator]

[For spa: and hot tubs]

[Quick-d ssolving]

[Fast-acing]

ACITYF INGREDIENT:

Soc um ichloro-s-triazinetrione dihydrate 99.0% INFRT I VGREDIENTS 1.0%

TO CAL NGREDIENTS 100.0%

JAN 29 2002

The federal insecticuta, franciscus and olde Act, as a considered for the SISS 441

# KI:EP OUT OF REACH OF CHILDREN

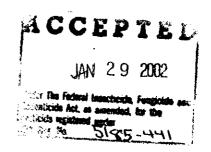
FIRST AID: IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an an bulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call poison control center or doctor for treatment advice. IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin 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 at le to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. If one give anything by mouth to an unconscious person. Note to Physician: Probable mucosal damag: may contraindicate the use of gastric lavage. [IN CASE OF MEDICAL EMERGENCY, CALL [1-303-623-5716] [1-877-800-5553] [telephone number supplied by supplemental registrent].]

See [t ack] side] panel for additional precautionary statements.

MAN JFA TURED BY: BIOL AB, NC. DEC ATU L GEORGIA

EPA REG. # 5185-441 EPA EST. # 5185-GA-1

Net ( onte its:



{Directions to be used for swimming pool sanitization}

## SWIMMIN : POOL SANITIZER

When use as directed, this product is effective as a swimming pool water sanitizing agent.

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

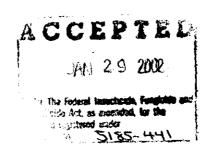
Ensure al pool equipment is working properly. Backwash the filter system following manufacturer's directions. Adjust pH to between 7.2-7.6. Add stabilizer to establish a minimum level of 30-40 ppm to reduce the degradative effects of sunlight upon the chlorine residual. Check for metals Before using this product, 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.

With pure 3 running, broadcast 4 ounces of this product per 10,000 gallons directly into the water in the deep cold of the pool as an initial treatment. Repeat additions until a residual of 1-3 ppm chlorine is establisted as determined by the use of a test kit. To prevent damage to pool surface, use a pool brush to disperse granules that may have settled to the bottom of the pool. NEVER ALLOW UNDISS ILVED PRODUCT TO REST IN CONTACT WITH BLEACHABLE POOL SUFFACES. Regular use of a test kit is necessary to determine when it is necessary to add another dose of this product to maintain a residual of 1-3 ppm available chlorine in the pool water. An average cally dose requirement is 2-3 oz. of this product per 10,000 gallons of water.

After use of this product it is recommended that a preventative algae treatment be added on a weekly bas s.

SUPER CHLORINATION: Broadcast one pound of this product per 10,000 gallons directly into the wat r in the deep end of the pool. To prevent damage to pool surface, use a pool brush to discerse any granules that may have settled to the bottom of your pool. NEVER ALLOW UNDIS OLVED PRODUCT TO REST IN CONTACT WITH BLEACHABLE POOL SURFACES.

In wate temperatures less than 70°F, or as an alternate application procedure, predissolve this product prior to applying evenly to the deep end of the pool. Dissolve this product outdoors, in a clean pastic bucket stirring with a clean plastic or wooden spoon. Add this product to water; NEVE, add water to product. NEVER add more than 1 pound of this product to less than 3 gallons of cool water. Do not mix with other products when predissoving.



[Direction to be used for pool superchlorination]

#### SWI MM NG POOL SUPERCHLORINATION

This product restores water sparkle and comfort by killing harmful bacteria and algae and destroyin non-filterable swimmer wastes such as perspiration and suntan oils. These wastes can cause clo dy, dull water, eye irritation and strong odors. Regular use of this product in chlorinated pools des roys bacteria and swimmer wastes maintaining sparkling, clean, clear water.

DIFECTIONS FOR USE: it is a violation of Federal Law to use this product in a manner incensist nt with its labeling. Read entire label and use strictly in accordance with precautionary statemens 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 stabilizer level of 30-40 ppm to reduce the degradative effects of sunlight upon the chlorine residual. Do not add stabilizer to brominated pools. Before using this product check for metals 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.

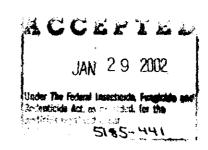
## At plic: tion Methods

With the pool pump in operation, broadcast the product evenly into the deep end of the pool. In potentially bleachable surface pools such as vinyl, paint, fiberglass, or colored plaster, brush the pool at er application to ensure complete dissolving of the product's active ingredient. NEVER ALLO V UNDISSOLVED PRODUCT TO REST IN CONTACT WITH BLEACHABLE POOL SURFACES.

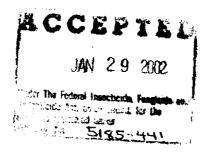
In wat r temperatures less than 70° F, or as an alternate application procedure, predissolve this product prior to applying evenly to the deep end of the pool. Dissolve this product outdoors, in a clean lastic bucket stirring with a clean plastic or wooden spoon. Add this product to water; N EVE 3 add water to product. NEVER add more than 1 pound of this product to less than 3 gallons o 'coo water. Do not mix with other products when predissolving.

# { PPT. ONAL DIRECTIONS: Either one or both of the following two paragraphs may be used}

[for veekly application intervals in swimming pools, add 1 lb. (see Application Methods) of this product per 20,000 gallons of water into the deep end of the pool, when the pool is not in use (preferably at night). Reapply after heavy rain showers or following heavy bather loads.]



[For two week application intervals in swimming pools, add 1 lb. (see Application Methods) of this project per 10,000 gallons of water into the deep end of the pool every other week when the pool is not in use (preferably at night). Reapply after heavy rain showers or following the pavy bather loads.]



8//

{Directions to be used for swimming pool algaecide}

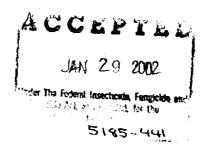
## SWIMIVIN 3 POOL ALGAECIDE

When used as directed, this product kills algae and will rid your pool of unsightly algae spots. This product is i leal for use in vinyl lined, fiberglass or colored plaster surface pools.

DIRECTI INS FOR USE: It is a violation of Federal Law to use this product in a manner inconsister; 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. Check for metals and if present add stain and scale inhibitor to prevent staining of pool surface. When using other products as outlined in the directions for this product, follow directions on those products.

Before us ng this product, brush all surface-clinging algae paying special attention to pool steps, ladder ste is and around skimmer and lights. At night, or when the pool is not in use, broadcast this product directly into the water in the deep end of the pool with pump running. Use two pounds of this product per 10,000 gallons for medium to heavy algae growth and one pound per 10,000 gallons for light; gae growth. To prevent possible damage to pool surface, use a pool brush to disperse any grantles that may have settled to the bottom of the pool. Brush any remaining algae and clear/bac cwash filter. If algae is still visible, repeat treatment.



(Directions to be used for winter swimming pool treatment)

## WINT IR 5 WIMMING POOL TREATMENT

To avoid costly spring problems (algae, stains, cloudy water, high chlorine demand) properly prepare yo'r pool for the winter using this product. This product oxidizes organic wastes, helps keep pools infaces clean, and helps protect water during the off season months.

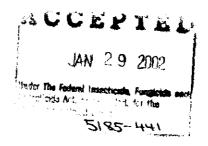
DIRFCTI INS FOR USE: It is a violation of Federal Law to use this product in a manner inconsister; with its labeling. Read entire label and use strictly in accordance with precautionary statements and directions.

NOT I: FOR WHITE PLASTER POOLS, broadcast this product directly into the pool water. FOR VINEL, I BERGLASS, PAINTED AND COLORED PLASTER POOLS, PRE-DISSOLVE THE RECOMM ENDED DOSE. Dissolve this product outdoors, in a clean plastic bucket stirring with a clear plastic or wooden spoon. Add this product to water; NEVER add water to product. NEVER add more han 1 pound of this product to less than 3 gallons of cool water. Do not mix with other products then pre-dissolving.

Before trusting the pool, chemically balance the water and adjust pH to 7.4 - 7.6. Brush and vacuum the pool. 3ackwash the filter and clean skimmer, pump baskets, and filter.

Sprinkle he powder or pour the pre-dissolved treatment dose (see NOTE above) into the water around the edges of the pool. Use one pound of this product per 10,000 gallons of water.

Circulate water for several hours, then apply a BioGuard winterizing algae treatment following appropri te directions. Turn off pump. Drain equipment or add a 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). If second treatment is required, predissolve treatment (see NOTE above) and pour along edges of the pool.



{Directions to be used for spa and hot tub sanitization}

## SPA AND HOT TUB SANITIZER:

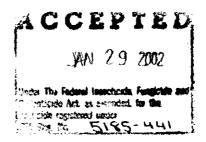
When used as directed, this product is effective as a sanitizing agent for spa and hot tub water.

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

Ensure all spa and hot tub equipment is working properly. Backwash/clean the filter system following nanufacturer's directions. Adjust pH to between 7.2-7.6. When using other products as outlined in the directions for this product, always follow directions on those products.

MAINTI NANCE DOSES: With pump on, add 1/2 teaspoon of this product per 100 gallons of water (or i teaspoons per 1,000 gallons) as an initial treatment. Repeat at 15 to 20 minute intervals until a recodual of 3 - 5 ppm of available chlorine is established as determined by test kit. A test kit must be sed regularly to determine the frequency of additional doses of this product needed to maintain he chlorine residual of 3 - 5 ppm.

SUI ERI HLORINATION: Use one teaspoon of this product per 100 gallons of water (or 1/4 cup per .,000 gallons). Superchlorination may be needed on a nightly basis in a heavily used spa or as infraque; the as once a week in a moderately used spa.



{The following statement is for use on products with swimming pool use directions.}
[Reently in to treated swimming pools is prohibited above levels of 3 ppm chlorine due to risk of body injury.]

[The following statement is for use on products with spa use directions.]
[Recently into treated spas is prohibited above levels of 5 ppm chlorine due to risk of body injury.]

{Storage and Disposal directions when product is sold in bags.}

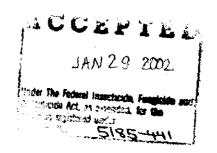
[STORACE AND DISPOSAL Keep this product dry in its original unopened bag until use. For partially used bags, fold over top of bag and secure with adhesive tape. Store unopened and partially used bags in a secure location away from children. Store in a cool, dry, well ventilated area away from heat or open flame. Moisture may decompose this product and cause a violent reaction leading to fire and explosion. In case of decomposition, isolate bag if possible and flood area with large amc into of water to dissolve all material before discarding this bag. Do not contaminate food or feed by storage or disposal. CONTAINER DISPOSAL: Rinse empty bag thoroughly. Discard in trush. Do not reuse bag.]

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

[ST DRA GE AND DISPOSAL: Keep this product dry in original tightly closed container when not in us. 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 mate ial 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 thoroug ly before discarding in trash.]

#### PRECAUTIONARY STATEMENTS

H. ZA IDS TO HUMANS AND DOMESTIC ANIMALS: DANGER: Corrosive. Causes irrovers ble eye damage. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe dust or vapor. Wear goggles, face shield or safe / glasses. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.



PHYSICAL OR CHEMICAL HAZARDS: STRONG OXIDIZING AGENT: Do not mix with other c temi als. 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 temnants 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 are 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. Too area with large volumes of water.

[Environm intal hazards statement for end-use products in containers of less than 50 pounds (solid, dry w ight.]

[ENVIRC VMENTAL HAZARDS This pesticide is toxic to fish and aquatic organisms.]

{Env. ronn ental hazards statement for end-use products in containers of equal to or greater than 50 pound: (solid, dry weight).}

[EN TR( NMENTAL 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 ur ess 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.]

NO .E. I uyer assumes all responsibility for safety and use not in accordance with directions.

5185-441.dc

