

DEC 19 1997

Mr. Mark Jernigan, Federal Registration Manager
Bio-Labs, Inc.
Post Office Box 1489
Decatur, GA 30031

RE: Amendment to clarify which text is optional on the final label
"BioGuard Algae All 60"
EPA Reg. No. 5185-339
Your submission dated October 29, 1997

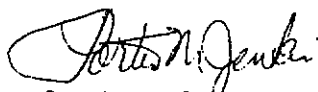
Dear Mr. Jernigan:

The submission referred to above, submitted in connection with registration under the amended Federal Insecticide, Fungicide, and Rodenticide Act is accepted, provided that you adhere to the following comment:

- 1.) On the front panel (page 1), the phrase "In case of medical emergency, call..." is not optional and, indeed, does appear on your final, printed labeling.

If you have any questions or concern, please call me at (703) 308-6320, or Killian Swift of my staff at (703) 308-6346.

Sincerely yours,



Portia M. Jenkins
Acting Product Manager 34
Regulatory Mgmt. II
Antimicrobials Division (7510W)

Enclosure

2 7 7
[All text in brackets is optional and may or may not be included on final label. Additionally, some text in brackets is administrative notes and is not intended to appear on a final label.]

BIOGUARD
ALGAE ALL 60

[Prevents all types of algae]
[Non-foaming, ideal for pools with attached spas]
[Concentrated Algaecide for Use in Swimming Pools]
[Concentrated Algae Control]
[Non-foaming, concentrated algae preventative]

ACTIVE INGREDIENT:

Poly [oxyethylene (dimethyliminio)
ethylene-(dimethyliminio) ethylene dichloride] 60.0%

INERT INGREDIENT. 40.0%

TOTAL INGREDIENTS: 100.0%

KEEP OUT OF REACH OF CHILDREN
CAUTION

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. Wash off excess chemical with soap and water and flush skin with cold water for at least 15 minutes. If irritation persists, get medical attention. 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. [IN CASE OF MEDICAL EMERGENCY, CALL [1-303-623-5716] [telephone number supplied by supplemental registrant].]

(See back panel for additional precautionary statements.

MANUFACTURED BY:
BIOLAB, INC.
DECATUR, GEORGIA

EPA REG # 5185-339
EPA EST. # 5185-GA-1

NET CONTENTS:

ACCEPTED
with COMMENTS
in EPA Letter Dated:
DEC 19 1997
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 5185-339

3 7 1

[SWIMMING POOLS]

This product is used to control and prevent the growth of algae in swimming pools [and swimming pools with attached spas] [and swimming pools with attached spas, waterfalls, or decorative fountains]. This product may be used in systems sanitized with chlorine or bromine. This product will not foam and prevents all types of algae.

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 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 30-40 ppm to reduce the degradative effects of sunlight upon the chlorine residual. Check for metals and if present add stain and scale inhibitor to prevent staining of pool surface due to metals. Adjust chlorine residual to 1-3 ppm. When using other products as outlined in directions for this product, always follow directions on those products.

Pools containing heavy growth of algae should be cleaned prior to using this product. For pools having light algae growth, pour directly into pool initial dose of 11-17 fluid ounces of this product per 10,000 gallons of water and remove settled algae debris by cleaning. For treatment of a freshly cleaned and filled pool, pour directly into pool initial dose of 6-11 fluid ounces of this product per 10,000 gallons of water. Additions of 2-4 fluid ounces of this product per 10,000 gallons of water should be made every 5-7 days after initial treatment for maintenance.

[SPAS, WHIRLPOOLS AND HOT TUBS]

This product is used to control the growth of algae in spas, whirlpools, and hot tubs. This product may be used in systems 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 equipment is working properly. Backwash the filter system following manufacturer's directions. Adjust pH to between 7.2-7.6. Adjust chlorine residual to 1-3 ppm. When using other products as outlined in directions for this product, always follow directions on those products.

Spas containing heavy growth of algae should be cleaned prior to using this product. Spas, whirlpools, or hot tubs having just visible algae growth require an initial dose of $\frac{1}{2}$ - $1\frac{1}{4}$ teaspoons of this product per 100 gallons of water. For treatment of a freshly cleaned and filled spa, whirlpool, or hot tub, add initially $\frac{1}{4}$ - $\frac{3}{4}$ teaspoons of this product per 100 gallons of water. Subsequent additions of $\frac{1}{8}$ - $\frac{1}{4}$ teaspoons of this product per 100 gallons of water should be made every 5-7 days after initial treatment for maintenance.

[WINTERIZATION]

This product when used as directed will prevent growth of most algae during the off-season winter months when pools are not in use.

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.

For pools which have been properly treated during the swimming season and are free of visible algae, add 5-10 fluid ounces of this product per 10,000 gallons of water. If at the end of the swimming pool season pool has some visible algae growth, add 12-17 fluid ounces per 10,000 gallons. It is necessary that a uniform distribution of this product throughout the pool be made for maximum effectiveness. If pool is not completely covered, it may be necessary to repeat the treatment one or more times during the off season.

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
amended, for the pesticide
registered under E.P.A.

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[RECIRCULATING COOLING WATER SYSTEMS]

When used as directed, this product effectively controls algae, bacterial, and fungal slime in commercial and industrial cooling towers, evaporative condensers, industrial water scrubbing systems, cooling ponds, influent water systems including flow through filters and lagoons, heat exchangers, industrial water scrubbing systems.

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.

Prior to use of this product, systems should be cleaned to remove algae growth, slime and other deposits. Add 8-20 ppm of this product as needed to control algae, bacteria, or fungal slime. The frequency of additions depends upon the severity of the problem.

[AIR WASHERS]

When used as directed, this product effectively controls algae, bacterial, and fungal slime in commercial and industrial air washer systems

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.

Prior to use of this product, systems should be cleaned to remove algae growth, slime and other deposits. Add 8-20 ppm of this product as needed to control algae, bacteria, or fungal slime. The frequency of additions depends upon the severity of the problem.

[LAKES, PONDS, RESERVOIRS, ORNAMENTAL PONDS AND DECORATIVE FOUNTAINS (WITHOUT HUMANS OR WILDLIFE)]

When used as directed, this product effectively controls algae, bacterial, and fungal slime in lakes, ponds, reservoirs, ornamental ponds and fountains.

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.

Prior to use of this product, systems containing heavy algae growth should be manually cleaned. Lakes, Ponds, Reservoirs, Ornamental Ponds And Decorative Fountains (Without Humans Or Wildlife) with just visible algae growth require an initial dose of 1-2 fluid ounces per 1,000 gallons of water in the system. To treat a freshly filled and cleaned system, add 0.5-1.5 fluid ounces of product per 1,000 gallons of water. Maintenance dosages of 0.2-0.5 fluid ounces of product per 1,000 gallons of water in the system should be added every 5-7 days.

**ACCEPTED
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in EPA Letter Dated**

DEC 19 1997

Under the Federal Insecticide, Fungicide, and Plant Disease Act, as amended, for registration in

5185-339

597

[METALWORKING CUTTING FLUIDS]

When used as directed, this product effectively inhibits the growth of bacteria in metalworking fluids used as coolants or lubricants in the machining and processing of metals.

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.

It is recommended that this product be added to the diluted metalworking fluid at a concentration of 0.01 to 0.10 percent based on the total weight of the metalworking fluid. Addition of this product to undiluted metalworking fluid should be at a dosage that will provide 0.01 to 0.10 percent concentration when the metalworking fluid is diluted with water for use.

Treatment of the diluted metalworking fluid should be repeated every four weeks. More frequent treatment may be required if excessive contamination occurs.

[INDUSTRIAL PROCESSING WATER]

When used as directed, this product effectively controls algae, bacterial, and fungal slime in holding and processing tanks of industrial fresh water systems supplying water to pulp and paper mills, textile mills and other manufacturing plants.

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.

Prior to use of this product, systems should be cleaned to remove algae growth, slime and other deposits. Add 8-20 ppm of this product as needed to control algae, bacteria, or fungal slime. Treatment is usually made continuously and should be based on the amount of water in the reservoir or leaving the pond or reservoir and entering the intermediate processing operations.

[COMMERCIAL AIR CONDITIONER/REFRIGERATION CONDENSATE AND DEHUMIDIFIER BASINS OR DRIP PANS]

When used as directed, this product effectively controls algae, bacterial, and fungal slime in air conditioner/refrigeration condensate water systems (air conditioner water, pan coil drain water, refrigeration water, evaporative cool pads and air conditioner vats and dehumidifier basins).

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.

Prior to use of this product, systems should be cleaned to remove algae growth, slime and other deposits. Add 8-20 ppm of this product as needed to control algae, bacteria, or fungal slime. The frequency of additions depends upon the severity of the problem.

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5785-239

[PASTEURIZERS/WARMER/CANNERY COOLING WATER SYSTEMS]

When used as directed, this product effectively controls algae, bacterial, and fungal slime in brewery pasteurizer water, brewery processing water, brewery warmer water, cannery cooling canal water, cannery package warmers, cannery pasteurizer water and retort cooling water.

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.

Prior to use of this product, systems should be cleaned to remove algae growth, slime and other deposits. Add 8-20 ppm of this product as needed to control algae, bacteria, or fungal slime. The frequency of additions depends upon the severity of the problem.

[WATERBED CONDITIONER]

When used as directed, this product will control growth of odor causing and slime-forming bacteria in waterbeds.

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.

Add 1.5 teaspoons of this product per 90 gallons of water in waterbed or waterbed cylinder. Repeat application at 4-6 month intervals depending on local water conditions.

[Storage and Disposal for sizes one gallon or less.]

[STORAGE AND DISPOSAL: Keep this product dry in original tightly closed container when not in use. Store in a cool, dry, well ventilated area. 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.]

[ALTERNATE STORAGE AND DISPOSAL FOR SIZES GREATER THAN ONE GALLON]

[STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. **STORAGE:** Keep this product dry in original tightly closed container when not in use. Store in a cool, dry, well ventilated area. **PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. **CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION: Avoid contact with skin, eyes, or clothing. Harmful if swallowed. Wear goggles or safety glasses and rubber gloves when handling this product.

PHYSICAL OR CHEMICAL HAZARDS Do not mix with other chemicals.

[Environmental hazards statement for swimming pool and spa products and waterbed conditioner products in sizes less than 5 gallons.]

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

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in EPA Letter Dated:
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Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 5716-57-2007

[Environmental hazards statement for all other products.]

[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.

[5185-339.amd]

ACCEPTED
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in EPA Letter Dated:

DEC 19 1987

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 5185-339