

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

26 MAR 1984

Bio Lab Inc.
P.O. Box 1489
Decatur, GA 30031

Attention: Dr. W. E. Brown

Gentlemen:

Subject: Bio Guard Algicide-Inhibitor
EPA Registration No. 5185-81
Your Application Dated September 9, 1983

Your amended application of July 13, 1983, proposing the addition of a foam control agent to your formula is acceptable.

The label submitted February 22, 1984, in connection with registration under FIFRA, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. The label container disposal instructions must have a "Disposal" heading; the heading must be of the same type minimum type size as for the child hazard warning - See item 10c of the label.
 - b. The Container disposal instructions should be similar to:

Disposal

Do not reuse empty container. Rinse empty container thoroughly with water and discard in trash.
 - c. Expand the heading "Hazards to Humans and Domestic Animals" - See item 8a of "The Label" enclosure.
 - d. Include the below "Environmental Hazards" paragraph - See item 8b of "The Label."

CONCURRENCES

SYMBOL ▶							
SURNAME ▶							
DATE ▶							

-2-

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds or public waters unless in accordance with NPDES permit. For guidance, contact your Regional Office of the Environmental Protection Agency.

- e. Refer to the enclosure, "THE LABEL" and make sure that you have complied with the type size requirements and following items: 1, 2, 3, 4, 5, 6a, 6b, 7, 7a, 7b, 7d, 7e, 8, 8a, 8b, 9c, 10c, and 10d. Refer also, to the A-79 Enclosure in meeting the final printed label submission requirements. In most cases the final label is the label that will be affixed to the container.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

4. A stamped copy of the label is enclosed for your records.

Sincerely yours,



John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosures

RD:DIS:DCR-04807:J.Lee:Raven:557-2226:tar:CBI-26:3/13/84:Del.3/28/84

BIOGUARD ALGICIDE-INHIBITOR

ACTIVE INGREDIENTS:

Alkyl (C ₁₄ , 90%; C ₁₂ , 5%; C ₁₆ , 5%) dimethyl dichlorobenzyl ammonium chloride	35%
Alkyl (C ₁₄ , 90%; C ₁₂ , 5%; C ₁₆ , 5%) dimethyl ethyl ammonium bromide	5%
INERT INGREDIENTS:	<u>60%</u>
Total Ingredients:	100%

MANUFACTURED BY:

BIO-LAB, INC.

Decatur, Georgia 30031 USA

EPA REG NO. 5185-81

DANGER

KEEP OUT OF REACH OF CHILDREN

(See first aid statement and other precautions on back panel)

NET CONTENTS: 1 U.S. QUART

**ACCEPTED
with COMMENTS
in EPA Letter Dated**

MAR 26 1984

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

5185-81

BEST DOCUMENT AVAILABLE

The Algicide is formulated to complement swimming pool water being treated with normal chlorine systems. It is especially effective against growth of algae and, being non-volatile, aids in maintaining pool water clarity and sparkle. The residual effectiveness of this algicide tends to stabilize the total chemical treatment systems.

This Algicide is compatible with all chemicals normally used in swimming pool maintenance; however, in its concentrated form this chemical should not come in contact with high concentrations of chlorine. **DO NOT MIX ALGICIDE AND CHLORINE TOGETHER** when adding to the pool. These chemicals should be handled separately. This Algicide is economical, efficient and stable. It is non-corrosive and non-staining in use dilutions.

DIRECTIONS

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

For an initial application or when pool water is changed, use one quart per 25,000 gallons of water.

For maintenance, use one ounce per week per 5000 gallons of water. After each rain of consequence, add one ounce per 5,000 gallons of water in addition to the above amounts.

The appropriate amount of this algicide should be added by pouring directly into the pool. More rapid distribution will be achieved by pouring a little of the specified amount into several areas of the pool. Recirculation or swimming activity will assure rapid dispersion.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS

DANGER: Corrosive causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

DISPOSAL: Rinse empty container thoroughly with water and discard it.

FIRST AID: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, do not induce vomiting; promptly drink large quantities of milk, raw egg whites, gelatin solution or if these are not available, water. Call a physician immediately.

TO DETERMINE POOL CAPACITY

Rectangular Pools - Length times width times average depth (in feet) times 7.5 equals gallons.

Round and Oval Pools - Long diameter times short diameter times average depth (in feet) times 5.9 equals gallons.

ACCEPTED
with COMMENTS
in EPA Letter Dated

KEEP OUT OF REACH OF CHILDREN

MAR 26 1984

Under the Federal Insecticide, Fungicide, and Rodenticide Act
as amended for the pesticide
registered under EPA Reg. No.
5185-61

1 U.S. QUART

EPA Est. No. 5185-GA-1

BEST DOCUMENT AVAILABLE

ACTIVE INGREDIENTS:

Alkyl (C ₁₄ , 90%; C ₁₂ , 5%; C ₁₆ , 5%) dimethyl dichlorobenzyl ammonium chloride	35%
Alkyl (C ₁₄ , 90%; C ₁₂ , 5%; C ₁₆ , 5%) dimethyl ethyl ammonium bromide	5%
INERT INGREDIENTS:	<u>60%</u>
Total Ingredients:	100%

MANUFACTURED BY:

BIO-LAB, INC.

Decatur, Georgia 30031 USA

EPA REG NO. 5185-81

DANGER

KEEP OUT OF REACH OF CHILDREN

(See first aid statement and other precautions on back panel)

NET CONTENTS: 1 U.S. QUART

ACCEPTED
with COMMENTS
by EPA Region 4

MAR 26 1994

Product Name: ...
EPA Reg. No. ...

5185-81

BEST DOCUMENT AVAILABLE

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TO DETERMINE POOL CAPACITY

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Round and Oval Pools - Long diameter times short diameter times average depth (in feet) times 5.9 equals gallons.

ACCEPTED
with COMMENTS
by EPA 1-1-84

KEEP OUT OF REACH OF CHILDREN

MAR 26 1984

NET CONTENTS 1 U.S. QUART
Under Federal Insecticide, Fungicide, and Rodenticide Act
Registered under EPA Reg. No.
5115-81

EPA EST. No. 5115-GA-I

BEST DOCUMENT AVAILABLE

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Bio Lab Inc.
P.O. Box 1499
Decatur, GA 30031

26 MAR 1984

Attention: Dr. W. L. Brown

Gentlemen:

Subject: Bio Guard Algicide-Inhibitor
EPA Registration No. 5185-81
Your Application Dated September 9, 1983

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 - c. Expand the heading "Hazards to Humans and Domestic Animals" - See item 8a of "The Label" enclosure.
 - d. Include the below "Environmental Hazards" paragraph - See item 8b of "The Label."

		CONCURREN . ES			
SYMBOL ▶					
SURNAME ▶					
DATE ▶					

EPA Form 1320-1 (4-81) OFFICIAL FILE COPY

5789-81

ENVIRONMENTAL HAZARDS

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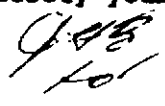
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- 4. A stamped copy of the label is enclosed for your records.

Sincerely yours,



John H. Lee
Product Manager (31)
Disinfectants Branch
Registration Division (TS-767C)

Enclosures

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Bio Lab Inc.
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CONCURRENCES

SYMBOL	SURNAME	DATE							

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Registration Division (TS-767C)

ENCLOSURES

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Total Ingredients:	100%

MANUFACTURED BY:

BIO-LAB, INC.

Decatur, Georgia 30031 USA

EPA REG NO. 5185-81

DANGER

KEEP OUT OF REACH OF CHILDREN

SEE THIS AND STATEMENT AND OTHER PRECAUTIONS ON BACK PANEL

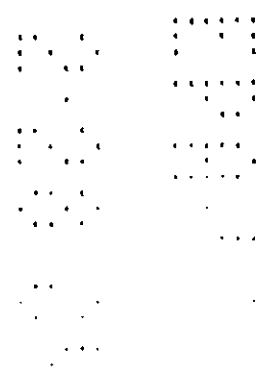
NET CONTENTS: 1 U.S. QUART

ACCEPTED
with comments
in accordance with

MAR 26 1984

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
Registration under EPA Reg. No.

5185-81



BEST DOCUMENT AVAILABLE

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DISPOSAL: Rinse empty container thoroughly with water and discard it.

FIRST AID: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. For severe skin burns, decontaminate clothing before reuse. If swallowed, do not induce vomiting; promptly drink large quantities of milk, raw egg whites, gelatin solution or if these are not available, water. Call a

TO DETERMINE POOL CAPACITY

Rectangular Pools - Length times width times average depth (in feet) times 7.5 equals gallons.

Round and Oval Pools - Long diameter times short diameter times average depth (in feet) times 5.9 equals gallons.

ACCEPTED

In EPA Letter 10/20/83

KEEP OUT OF REACH OF CHILDREN

MAR 26 1984

Under the Federal Insecticide, Fungicide, and Rodenticide Act
this product is a pesticide
registered under EPA Reg. No.

1 U.S. QUART

EPA Est. No. 5185-GA-1

BEST DOCUMENT AVAILABLE