

JAN 13 1995

Attn.: Paul Newcomb
 Bio-Lab, Inc.
 P.O. Box 1489
 Decatur, GA 30031

Subject: Bioguard MSA Algicide II
 EPA Registration No. 5185-382
 Amendment Dated October 21, 1994

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended to update your labeling and Confidential Statement of Formula is acceptable provided that you make the following labeling changes:

1. Revise your ingredient statement to read as follows:

ACTIVE INGREDIENTS:

Copper*7.1%
 Alkyl (C14 50%, C12 40%, C16 10%)
 dimethyl benzyl ammonium chloride..... 2.5%

INERT INGREDIENTS90.4%

TOTAL INGREDIENTS.....100.0%

*(from copper triethanolamine complex)

2. Revise your Storage and Disposal statement to read:

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.

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,

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

)

copy

contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance."

Container Disposal

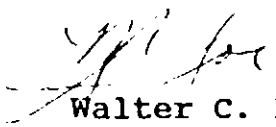
Triple rinse (or equivalent). Then offer for recycling or containers reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. If burned, stay out of smoke.

3. For container sizes of one gallon or less you may use the Container Disposal statement in your proposed label.
4. Immediately following the statement "Hazards to Humans and Domestic Animals" and before the word "DANGER" include the statement "Keep Out Of Reach Of Children".

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

If you have any questions concerning this letter please contact Marshall Swindell at (703) 305-6908.

Sincerely yours,



Walter C. Francis
Acting Product Manager (31)
Antimicrobial Program Branch
Registration Division (7505C)

BIOGUARD
MSA ALGICIDE II

ACCEPTED
with COMMENTS
in EPA Letter dated:

JAN 13 1995

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

5185-382

A swimming pool algicide.
Kills "mustard" algae.

ACTIVE INGREDIENTS:	
Copper as elemental	7.1%
Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chloride	2.5%
INERT INGREDIENTS:	90.4%
TOTAL INGREDIENTS:	100.0%

KEEP OUT OF REACH OF CHILDREN
DANGER

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 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.

See back panel for additional precautionary statements.

MANUFACTURED BY:
BIOLAB, INC.
DECATUR, GEORGIA

EPA REG. # 5185-382
EPA EST. # 5185-CA-1

4/2/95

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. 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: 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 Do not mix with other chemicals. 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 other chemicals may 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.

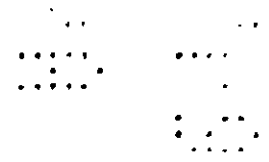
ENVIRONMENTAL HAZARDS This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and 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.

ACCEPTED
with COMMENTS
In EPA Letter Date:

JAN 13 1995

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this pesticide is registered under the following EPA Registration Number: 5185-382



This product is used for controlling algae in swimming pools. It is most effective for green, blue-green and mustard colored algae growths. 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 and if present, add stain and scale inhibitor to prevent staining of pool surface due to metals. Add 1 pound Burn Out per 10,000 gallons of water to oxidize water soluble organic wastes. Allow to circulate one hour. When using other products as outlined in directions for this product, always follow directions on those products.

Pour directly into pool 8 ounces of this product per 10,000 gallons of water. If necessary, the next day brush dead algae off pool surfaces so it can be filtered away. In extreme cases if algae still persist, repeat treatment after 2-4 days.

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 Date:

JAN 13 1995

Product of the U.S. Environmental Protection Agency
Manufactured by R. L. ...
... authorized for sale in the
... registered under EPA ...

5185-382

