

41631 5185-399 1045  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JAN 13 1995

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

Subject: CWT-100M ALGICIDE  
EPA Registration No. 5185-399  
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. Place the heading "Industrial/Commercial Recirculating Cooling Water Towers" and the statement "This product is formulated to . . . evaporative condensers." below the Directions For Use heading and misuse statement.
2. Delete the second occurrence of the Directions For Use heading and misuse statement from the label.
3. Change "Storage" to "Storage and Disposal".
4. Delete the heading "Container Disposal" immediately above the heading "Precautionary Statements".
5. The Pesticide Disposal section should appear before the Container Disposal section. Please note that the container disposal instructions are appropriate for container sizes of one gallon and less. The container disposal instructions on your last accepted label should be used on container sizes greater than one gallon.

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

2.8

-2-


Confidential Statement of Formula:

1. Submit a new CSF which includes the EPA Registration No. of the source product of the active ingredient "Bis-(tributyltin) oxide". If you wish to change to an unregistered source of active ingredient you must file another amendment and include product chemistry data on the source product.

A stamped copy of the label is enclosed for your records. Refer to our second letter concerning the status of the submitted Confidential Statement of Formula for your alternate formulation.

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)

CWT-100M  
ALGICIDE

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JAN 13 1995

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, the EPA Institute  
Registered under FIFRA Reg. No.  
5185-399

Control Slime in Recirculating  
Water Cooling Towers  
Controls Anaerobic Sulfate-Reducers and Aerobic  
Bacteria in Oil Field and Petrochemical Water  
Injection Systems

ACTIVE INGREDIENTS:

Alkyl (C <sub>12</sub> , 61%; C <sub>14</sub> , 23%; C <sub>16</sub> , 11%; C <sub>8</sub> & C <sub>10</sub> , 2.5%; C <sub>18</sub> , 2.5%) dimethyl benzyl ammonium chloride	9.2%
Bis(tributyltin) oxide	3.4%
Alkyl (C <sub>14</sub> , 58%; C <sub>16</sub> , 28%; C <sub>12</sub> , 14%) dimethyl benzyl ammonium chloride	4.5%
Alkyl (C <sub>14</sub> , 90%; C <sub>16</sub> , 5%; C <sub>12</sub> , 5%) dimethyl ethyl ammonium bromide	1.5%
INERT INGREDIENTS:	81.4%
TOTAL INGREDIENTS:	100.0%

FOR INDUSTRIAL AND COMMERCIAL USE ONLY  
KEEP OUT OF REACH IF 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. # 5185-399  
EPA EST. # 5185-GA-1

NET WEIGHT

## INDUSTRIAL/COMMERCIAL RECIRCULATING COOLING WATER TOWERS.

This product is formulated to provide control of the growth of algae and slime in recirculating water cooling systems and evaporative condensers.

**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.

**INITIAL DOSE:** When heavy growths are present, clean the system before initial treatment. When the system is fouled, add directly to the sump 4 fluid ounces per 100 gallons of water (300 ppm) in the system. Repeat daily until control is achieved.

**SUBSEQUENT DOSE:** When algae control is evident, add 2 fluid ounces per 100 gallons water (150 ppm) in the system every 7 days (weekly), or as needed to maintain control. Badly fouled systems may be manually or chemically cleaned before treatment is begun.

## OIL FIELD AND PETROCHEMICAL SUBSURFACE INJECTION SYSTEMS:

This product is recommended for control of anaerobic sulfate-reducing bacteria and aerobic heterotrophic bacteria in subsurface injection systems, such as secondary and tertiary oil recovery systems. This product should be applied where it will disperse most rapidly and uniformly to the desired area of treatment.

**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.

This product may be used continuously or in slug doses. An effective slug dose is 40 ounces per 1000 gallons water in the system (320 ppm). The slug does should be applied for three to eight hours daily until the desired level of control is achieved. A continuous feed of 10 ounces per 1000 gallons (78 ppm) would also give effective control of most heterotrophic bacteria and anaerobic sulfate-reducers. Where one is concerned only with anaerobic sulfate reducers the above concentrations may be reduced by one-half to one-third.

Badly fouled systems may be slug treated to get initial control followed by continuous feed to maintain control. Use the above lower level treatment for anaerobic sulfate-reducers and the higher level treatment for heterotrophic bacteria.

RECEIVED  
JAN 13 1955  
Under the provisions of the  
Federal Insecticide, Fungicide, and  
Rodenticide Act  
as amended, for the purpose  
of enforcing the FIFRA Act, No.  
5186-348

**STORAGE:** 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. Do not contaminate food or feed by storage or disposal of this product.

**CONTAINER DISPOSAL:** Do not reuse empty container. Triple rinse empty container with water and discard in trash.

**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.

**CONTAINERS DISPOSAL:**

**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 vapors. Remove and wash contaminated clothing before reuse. For skin or eye contact, or if vapors 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 dated

JAN 13 1995