5185-483 7-26-2000

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:	Date of Issuance:
5185-483	July 26, 2000

Term of Issuance: Conditional

Name of Pesticide Product: Aquate

NOTICE OF PESTICIDE:

x Registration
__ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

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

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to the use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.
Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Submit one copy of the revised final printed label for the record changing the EPA File symbol 5185-UIG to EPA Registration Number 5185-483.

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 constitutes acceptance of these conditions.

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

Signature of Approving Official

Robert S. Brennis
Product Manager 32

Date: JUL 26 2000

EPA Form 8570-6

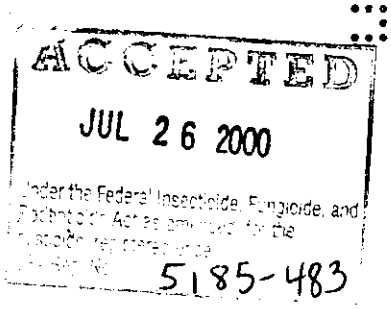
{All text in brackets [xxx] is optional and may or may not be included on a final label.}
{All text in braces {xxx} is administrative and will not appear on a final label.}

AQUATE™

{Optional marketing statements}
[For use as a Sanitizer, Bactericide, Fungicide, Algicide, and for Control of Microbial Slimes in Industrial Processes and Water Systems such as: Recirculating Cooling Water Systems, Once-Through Cooling Water Systems, Wastewater Treatment Systems, Brewery Pasteurizers, Air Conditioners, Dehumidifiers, Evaporative Coolers, Paper and Paperboard Process Water, and Decorative Waters.]
[Sanitizer]
[Bactericide]
[Algicide]
[Fungicide]
[Slimicide]

ACTIVE INGREDIENT:	
1-Bromo-3-chloro-5,5-dimethylhydantoin	40.0%
OTHER INGREDIENTS:	60.0%
TOTAL:	100.0%

Provides: 26.5% Available Bromine
11.9% Available Chlorine



KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID:

IF IN EYES: Hold eye(s) 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 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. Discard or decontaminate clothing.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

IN CASE OF MEDICAL EMERGENCY, CALL [1-877-800-5553] [telephone number supplied by supplemental registrant].

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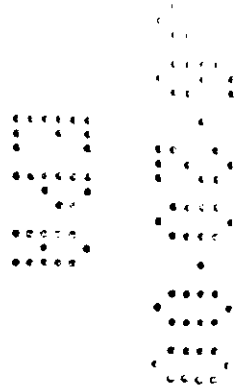
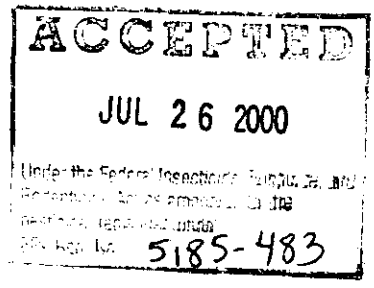
See [back] [side] panel for additional precautionary statements.

MANUFACTURED BY:
BIO-LAB, INC.
DECATUR, GEORGIA

EPA REG. # 5185- UIG
EPA EST. # 5185-MI-1

NET CONTENTS:





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DIRECTIONS FOR USE: It is a violation of federal law to use this product in any manner inconsistent with its labeling. Read the entire label and use strictly in accordance with precautionary statements and directions.

NOTE: This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of bromine. To convert chlorine results to bromine in ppm, multiply by 2.25.

RECIRCULATING COOLING WATER SYSTEMS:
When used as directed, this product effectively controls algal, bacterial, and fungal slimes in commercial and industrial cooling towers; evaporative condensers, influent water systems such as flow-through filters, cooling ponds, canals, and lagoons; heat exchange water systems; industrial water scrubbing systems; brewery pasteurizers; and industrial air washing systems equipped with a mist eliminator.

ONCE-THROUGH COOLING WATER SYSTEMS:
When used as directed, this product effectively controls algal, bacterial, and fungal slimes in once-through fresh or salt water cooling systems; cooling ponds, canals, and lagoons. Treat cooling water this product at the system intake or other critical areas, where mixing is uniform.

EVAPORATIVE COOLER:
When used as directed, this product effectively controls algal, bacterial, and fungal slimes in evaporative coolers.

PASTEURIZER, CAN WARMER, CANNERY, RETORT WATER SYSTEMS:
When used as directed, this product controls algal, bacterial, and fungal slime in cannery cooling canal water, cannery package warmers, cannery pasteurizer water, and retort water.

DOSAGE RATES.
Initial Dose: When the system is noticeably fouled, add 0.0477 to 0.143 gallons/1000 gallons of water contained in the system. Repeat initial dosage until 1 to 3 parts per million (milligrams per liter) bromine residual is established for at least 4 hours.

Subsequent Dose: When microbial control is evident, add 0.0238 to 0.072 gallons/1000 gallons of water contained in the system. Repeat as needed to maintain 1 to 3 parts per million (milligrams per liter) bromine residual for at least 4 hours.

ACCEPTED
JUL 26 2000
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No 5185-483

WASTEWATER TREATMENT SYSTEMS:
When used as directed, this product effectively controls algal, bacterial, and fungal slimes and offers rapid sanitization of primary, secondary, and tertiary wastewater treatment systems.

DOSAGE RATES:
Add 0.0238 to 0.143 gallons/1000 gallons of water treated to maintain a 0.5 to 5.0 parts per million (milligrams per liter) bromine residual at the injection point in the contact chamber. Adjust this product's dosage to achieve sanitization and minimize the halogen concentration at the exit of the contact chamber. Do not use treated wastewater to irrigate crops.

PULP AND PAPER MILLS (Non-Food Contact Paper):
When used as directed this product effectively controls algal, bacterial, and fungal slime in pulp and paper mill fresh and sea water influent water systems; cooling water systems, wastewater treatment systems, service water systems, white water systems, and other process water.

This product is intended for use as a slimicide for the process water used in the manufacture of paper and paperboard products that do not contact food. Treat water at critical areas in the system process where mixing of the product with influent will be uniform. The frequency and duration of the treatment depend upon the severity of the problem. Badly fouled process systems must be cleaned before initial treatment.

PRODUCT APPLICATION.
TREATMENT BY SYSTEM VOLUME:
When a system is noticeably fouled: add 0.0238 to 0.238 gallons of this product to 1,000 gallons or 28.8 to 288 parts per million (milligrams per liter) of water in the system.
When biological control is evident: add 0.0238 to 0.179 gallons of this product to 1,000 gallons or 28.8 to 216 parts per million (milligrams per liter) of water in the system.

TREATMENT BY RESIDUAL METHOD:
Add sufficient amount of this product to maintain a measured residual up to 5 parts per million (milligrams per liter) as bromine. Once biological control is evident, the use of this product normally can be reduced to something less than 1 part per million as bromine.

{OPTIONAL STATEMENT}
[An alternate method of calculating the appropriate level of this product is to estimate the paper mill's daily production, then add, over a 24 hour period, up to 1440 grams (0.3155 gallons) of this product per dry metric ton of paper produced. Test for bromine to verify the level of 5 parts per million (milligrams per liter) is not being exceeded.]

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PULP AND PAPER MILLS (Food Contact Paper):
When used as directed this product effectively controls algal, bacterial, and fungal slime in pulp and paper mill fresh and sea water influent water systems; cooling water systems, wastewater treatment systems, service water systems, white water systems, and other process water.

This product is intended for use as a slimicide for the process water used in the manufacture of paper and paperboard products that do contact food. Treat water at critical areas in the system process where mixing of the product with influent will be uniform. The frequency and duration of the treatment will depend upon the severity of the problem. Badly fouled process systems must be cleaned before initial treatment.

PRODUCT APPLICATION.
TREATMENT BY SYSTEM VOLUME:
When a system is noticeably fouled: add 0.0238 to 0.238 gallons of this product to 1,000 gallons or 28.8 to 288 parts per million (milligrams per liter) of water in the system.
When biological control is evident: add 0.0238 to 0.179 gallons of this product to 1,000 gallons or 28.8 to 216 parts per million (milligrams per liter) of water in the system.
Do not exceed 360 grams (0.79 pounds) of this product per dry metric ton of paper produced.

TREATMENT BY RESIDUAL METHOD:
Add sufficient amount of this product to maintain a measured residual up to 5 parts per million (milligrams per liter) as bromine. Once biological control is evident, the use of this product normally can be reduced to something less than 1 part per million as bromine.
Do not exceed 360 grams (0.79 pounds) of this product per dry metric ton of paper produced.

{OPTIONAL STATEMENT}
[An alternate method of calculating the appropriate level of this product is to estimate the paper mill's daily production, then add, over a 24 hour period, up to 360 grams (0.0788 gallons) of this product per dry metric ton of paper produced. Test for bromine to verify the level of 5 parts per million (milligrams per liter) is not being exceeded.]

DECORATIVE WATERS (that do not contain fish):
This product may be used to control microbiological growth in decorative fountains and ponds that do not contain fish.

DOSAGE RATES.
Ensure all equipment is working properly. Backwash the filter system (if present) following manufacturer's directions. Adjust pH to between 7.2-7.6. When using other products as outlined in directions for this product, always follow directions on those products.

A bromine or chlorine residual of 1-2 ppm must first be established in the water. When the bromine residual reaches 1-2 ppm adjust the feed rate accordingly. To maintain bromine residual, adjust the feed rate to assure a constant treatment level of 1-3 ppm. Regular use of a test kit is necessary to maintain a bromine residual in the water.

STORAGE AND DISPOSAL:
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. 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.

DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. DO NOT REUSE EMPTY CONTAINER. Triple rinse the container (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate. Burn only if allowed by state and local authorities. If burned, stay out of smoke.

PRECAUTIONARY STATEMENTS:
HAZARDS TO HUMANS AND DOMESTIC ANIMALS. DANGER: Corrosive. Causes irreversible eye damage or skin burns. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin, or on clothing. Wear chemical goggles, face shield, or safety glasses with side shields. Wear protective clothing and rubber gloves. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Immediately remove contaminated clothing and wash clothing before reuse.

PHYSICAL OR CHEMICAL HAZARDS: CONTAINS AN OXIDIZING AGENT. Do not mix with other chemicals. Mix only with water. 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 organic matter or other chemicals will 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.

{Optional text}
[Treatment levels can be measured with test kits for either bromine or chlorine. Tests should be made immediately after drawing water samples from the system. Use test kits according to directions.

1. When a bromine test kit is used, results can be read directly as parts per million (milligrams per liter) bromine.

2. When a chlorine test kit is used, results can be expressed in terms of bromine by multiplying chlorine values by the conversion factor 2.25.]

NOTE: Buyer assumes all responsibility for safety and use not in accordance with directions.

ACCEPTED
JUL 26 2000
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 5185-483

ACCEPTED
5185-453
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.