8622-65

7-29-2003

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460

NOTICE OF PESTICIDE:
_x_ Registration
___ Reregistration
(under FIFRA, as amended)

EPA Reg. Number: 8622-65

Date of Issuance: JUL 29 2003

Term of Issuance: Conditional

Name of Pesticide Product: **BIOBROM C-100T**

Name and Address of Registrant (include ZIP Code):

Ameribrom, Inc.
2115 Linwood Ave
Fort Lee, NJ 07024

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the product 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 that 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; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment.

   a. Add the phrase EPA Registration Number 8622-65

Signature of Approving Official:

Adam Heyward
Product Manager (34)
Regulatory Management Branch II
Antimicrobial Division Branch (7510C)

Date: JUL 29 2003

EPA Form 8570-6

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

EPA Form 1320-1A (1/90)

Printed on Recycled Paper

OFFICIAL FILE COPY

*U.S. Government Printing Office: 1992 — 620-888/40672

b. The Precautionary Statement must read as follows:

"Corrosive: Causes irreversible eye damage. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. May be fatal if swallowed. Wash thoroughly with soap and water after handling before eating, drinking or using tobacco. May be fatal if inhaled. Do not breathe dust. Wear a mask or pesticide respirator jointly approved by the Mine Safety and Health Administration and the National Institute for Occupational Safety and Health. Remove contaminated clothing and wash clothing before reuse."

3. The certified limits of the inert ingredient exceed the default limits of 40 CFR 158.175. The upper and lower limits are 0.33% and 0.27% respectively.

4. The lower certified limit of the active ingredient is under the stated on the Confidential Statement of Formula and must be extended to 94.77%. Submit a revised CSF bearing the corrections statement in comment II 3 and 4.

A stamped copy of the labeling accepted with conditions is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the above revisions.

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 product constitutes acceptance of these conditions.

Sincerely,

Adam yward
Product Manager (34)
Regulatory Management Branch II
Antimicrobials Division (7510C)

enclosure

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE
CAUSES SEVERE BURNS OF EYES
EYE CONTACT MAY CAUSE LOSS OF VISION
IRRITATING TO NOSE AND THROAT
MAY BURN THE SKIN
MAY BE FATAL IF SWALLOWED

Do not get in eyes, on skin, or on clothing. Impact-resistant goggles with side-shields, or face shield, and rubber gloves must be worn when handling. Do not breathe mist or vapor. Use with adequate ventilation.

FIRST AID	
If in eyes	• Hold eye 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 a poison control center or doctor for treatment advice.
If inhaled	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further 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.
If swallowed	• Call 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 do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person
Have product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN "Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage."	

WASH THOROUGHLY AFTER HANDLING

AMB 4/03

BIOBROM® C-100T

DBNPA

A MICROBIOCIDAL BACTERICIDE, FUNGICIDE, ALGICIDE AND SLIMICIDE, USED IN TREATING RECIRCULATING COOLING WATER IN INDUSTRIAL COOLING SYSTEMS, PAPER MILLS, BREWERY PASTEURIZER WATER, METALWORKING CUTTING FLUIDS, NON-POTABLE REVERSE OSMOSIS SYSTEMS, ENHANCED OIL RECOVERY SYSTEMS, AIR-WASHER SYSTEMS, INDUSTRIAL PRESERVATION APPLICATIONS AND PUBLICLY-OWNED TREATMENT WORKS.

ACTIVE INGREDIENT:	2,2-Dibromo-3-nitrilopropionamide.....	98%
INERT INGREDIENTS:	.....	2%
	TOTAL:	100%

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panels for additional precautionary statements

EPA Reg. No. 8622-AT **EPA Est. No. 15298-IS-1**

NET CONTENTS:_____LBS.

WARRANTY

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with label directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such use.

MANUFACTURED IN ISRAEL FOR:
AMERIBROM, INC.
2115 LINWOOD AVENUE
FORT LEE, NJ 07024
(201) 242-6560

ACCEPTED
with COMMENTS
EPA Letter Dated:
JUL 29 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 8622-65

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not contaminate water by cleaning of equipment or disposal of waste. 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.

CHEMICAL AND PHYSICAL HAZARDS

Reaction with strong reducing agents may be explosive. Avoid comminution and dusting.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE

Store in a dark, cool, dry, well-ventilated area, in well-closed original containers, away from energy sources, combustible organic materials, oxidizers, and moisture.

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

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be re-used, dispose of in the same manner. If drum is not contaminated and can be re-used, offer for recycling or reconditioning.

SPILLS

When handling or dealing with spills, use impact-resistant goggles with side shields, or face shield; wear body-covering clothes, including impervious rubber gloves and boots; use a dust respirator if dusting occurs. Sweep up dry spills and dispose of as described for pesticide disposal. Cover wet spills with 10% sodium bicarbonate solution, water and then an inert absorbent before sweeping up and disposing as described for pesticide disposal. If drum contents are contaminated or decomposing, isolate unsealed drum in the open or in a well-ventilated area; flood with 10% sodium bicarbonate solution and large volumes of water if necessary.

DO NOT SHIP WITH FOOD, FEEDS, DRUGS, OR CLOTHING

KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE

DIRECTIONS FOR USE

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

TREATING RECIRCULATING COOLING WATER IN INDUSTRIAL OR COMMERCIAL COOLING SYSTEMS

NOTE: Add BIOBROM C-100T separately to the system. Do not mix it with other additives, so as to avoid decomposition of BIOBROM C-100T due to the high pH of many additive formulations.

Add BIOBROM C-100T to the basin (or any other point of uniform mixing). Addition should be made via a metering pump: it may be continuous or intermittent, depending on the severity of the contamination when treatment is begun, and the in-system retention time. Optimum performance with this product is achieved by continuous or intermittent treatment. If "shock" treatment is used, the blowdown should be discontinued for 24-48 hours.

FOR CONTROL OF BACTERIA

Add sufficient BIOBROM C-100T to reach a concentration in the system of 0.2 – 2.3 ppm active ingredient, depending on the severity of contamination.

INTERMITTENT OR SLUG METHOD

Initial Dose: When the system is noticeably fouled, add sufficient BIOBROM C-100T to reach a concentration in the system of 1.2 – 2.3 ppm active ingredient. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 0.6 – 2.3 ppm BIOBROM C-100T to the system every 4 days, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD

Initial Dose: When the system is noticeably fouled, add sufficient BIOBROM C-100T to achieve a concentration in the system of 1.2 – 2.3 ppm.

Subsequent Dose: Maintain a concentration of 0.2 – 1.2 ppm BIOBROM C-100T in the system. Badly fouled systems must be cleaned before treatment is begun

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TREATING PULP AND
NOTE: Add BIOBROM C
to avoid decomposition
For the control of slime-
mills, add BIOBROM C-
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C-100T /ton (dry) of pap
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Slightly fouled system
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maintain control.

TREATING NON-POTA
For controlling bacteria,
peripheral equipment, a
contamination area whe
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guidelines specified by t
BIOBROM C-100T to a
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Initial Dose: When the
concentration of 1.2 – 2.
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recommended by the m
Subsequent Dose: Wh
ppm of BIOBROM C-10
membrane manufacture

Initial Dose: When the
the feedwater. Minimum
or as specified by guide
Subsequent Dose: Wh
ppm of BIOBROM C-10
membrane manufacture

TREATING METALWO
BIOBROM C-100T is ef
water at ratios of 1:100
yeasts that may deterio
the collection tank. Add
Initial or Slug Dose: W
the metalworking fluids.
Subsequent Dose: Wh
ppm BIOBROM C-100T
C-100T product can be

TREATING BREWERY PASTEURIZER WATER
For controlling (or inhibiting) the growth of bacteria, fungi or yeasts in brewery pasteurizing water systems, add BIOBROM C-100T at a point in the system to insure uniform mixing.
Initial or Slug Dose: When the system is noticeably fouled, add sufficient BIOBROM C-100T to *achieve a concentration of* 60.6 ppm active ingredient in the system. Repeat until control is achieved.
Subsequent Dose: When microbial control is evident, maintain a concentration of 24.4 – 48.4 ppm BIOBROM C-100T in the system, or as needed to maintain control. Additions of BIOBROM C-100T product can be made continuously or intermittently. Slug the *system as required*. Badly fouled systems must be cleaned before treatment is begun.

TREATING ENHANCED OIL RECOVERY SYSTEMS
NOTE: Add **BIOBROM C-100T** *separately* to the system. Do not mix it with other additives, so as to avoid decomposition of BIOBROM C-100T due to the high pH of many additive formulations. Addition of BIOBROM C-100T may be made at the free water knockouts, before or after the injection pumps and injection well headers.
For controlling slime-forming bacteria, sulfide-producing bacteria, yeasts and fungi in oil field water, polymer or micellar floods, water-disposal systems, or other oil field water systems, add sufficient BIOBROM C-100T to achieve a concentration in feedwater of 0.2 – 16.0 ppm depending on the severity of contamination. Additions should be made with a metering pump either continuously or intermittently.
CONTINUOUS FEED METHOD
When system is noticeably fouled, add 2 - 16 ppm BIOBROM C-100T continuously until the desired degree of control is achieved. Subsequently, treat with 0.2 – 3.9 ppm BIOBROM C-100T continuously or as needed to maintain control.
INTERMITTENT OR SLUG METHOD
When the system is noticeably fouled or to maintain control of the system, add 2.0 - 16.0 ppm BIOBROM C-100T intermittently for 4-8 hours per day and from 1-4 times per week, or as needed depending on the severity of contamination.
NOTE: For control of bacteria, yeast, and fungi in aqueous solutions of biopolymer used in flooding operations, add 3 - 16 ppm BIOBROM C-100T. Additions of BIOBROM C-100T should be made with a metering pump immediately after preparation of the aqueous biopolymer solution to reduce loss of viscosity.

DIRECTIONS FOR TREATING AIR-WASHER SYSTEMS
Add sufficient BIOBROM C-100T to reach a concentration in the system of 0.35 – 22.1 ppm active ingredient, depending on the severity of contamination to control slime-forming bacteria and fungi in industrial air washing systems.
INTERMITTENT OR SLUG METHOD
Initial Dose: When the system is noticeably fouled, add sufficient BIOBROM C-100T to reach a concentration in the system of 0.7 – 22.1 ppm active ingredient. Repeat until control is achieved.
Subsequent Dose: When microbial control is evident, add sufficient BIOBROM C-100T every 2 days to reach a concentration in the system of 0.35 – 10.9 ppm active ingredient, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.
CONTINUOUS FEED METHOD
Initial Dose: When the system is noticeably fouled, add sufficient BIOBROM C-100T to achieve a concentration in the system of 0.7 – 22.1 ppm active ingredient.
Subsequent Dose: Maintain this level by pumping a continuous feed of 0.35 – 10.9 ppm active ingredient in the system per day. Badly fouled systems must be cleaned before treatment is begun.
NOTE: For use only in industrial air-washer systems that maintain effective mist eliminating components.

DIRECTIONS FOR INDUSTRIAL PRESERVATION APPLICATIONS
BIOBROM C-100T may be used to reduce microbiological contamination in raw materials and/or products such as: aqueous paints and coatings, polymers, slurries, adhesives, latex and resin emulsions, sizing, caulk, process water, along with specialty industrial products including: inks, polishes, waxes, detergents, and cleansers.
TO REDUCE MICROBIOLOGICAL CONTAMINATION
Add BIOBROM C-100T to the raw material or product at a concentration of 5 to 408 ppm by weight. This concentration is equivalent to 0.036 to 2.894 lbs. BIOBROM C-100T per 1,000 gallons. The required concentration will depend on the material being treated and the level of contamination present.

DIRECTIONS FOR TREATING PUBLICLY- OWNED TREATMENT WORKS TO CONTROL COLIFORM AND OTHER BACTERIA
Add sufficient BIOBROM C-100T to reach a concentration in the system of 0.2 to 2.0 ppm active ingredient by weight of water being treated, depending on the severity and contamination in the system. Addition should be CONTINUOUS and should be made with a metering pump at a point in the system where mixing will be rapid and thorough. Add BIOBROM C-100T to the system in a location where contact time will be 30 minutes or greater *before* reaching the outfall.
TO USE AS A CO-TREATMENT WITH CHLORINE
Add sufficient BIOBROM C-100T to reach a concentration in the system of 0.1 to 0.3 ppm BIOBROM C-100T active ingredient by weight of water treated. Chlorination should result in a minimum detectable residual (i.e., greater than zero but less than the NPDES permit level). Addition *should* be CONTINUOUS and made at a point just after initial chlorine mixing. Rapid mixing is necessary for maximum effectiveness. BIOBROM C-100T should be added at a location where a contact time of 10 minutes or longer will be provided before reaching the outfall.

ACCEPTED
with COMMENTS
In EPA Letter Dated:

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

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