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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

NOTICE OF PESTICIDE:
_X_ Registration
____ Reregistration

(under FIFRA, as amended)

EPA Reg. Number:	Date of Issuance:
8622-56	APR 22 1998

Term of Issuance: Until Reregistration

Name of Pesticide Product:

Biobro C-100G

Name and Address of Registrant (include ZIP Code):

Ameribrom, Inc.
52 Vanderbilt Avenue
New York, NY 10017

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 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/reregisteration 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 or other material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec. 4 when the Agency requires all registrants of similar products to submit such data.

2. Add the phrase EPA Registration No. "8622-56" to your label before you release the product for shipment.

Signature of Approving Official:	Date:
Adam Heyward, Product Manager (34) Regulatory Management Branch II ~~Antimicrobials Division (7510W)~~	APR 22 1998

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

EPA Form 8570-6

EPA Form 1320-1A (1/90) *Printed on Recycled Paper* OFFICIAL FILE COPY

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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.

Sincerely,

for Adam Heyward
Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510W)

Enclosure

BIOBROM® C-100G

DBNPA

A MICROBIOCIDAL BACTERICIDE, FUNGICIDE, ALGICIDE, AND SLIMICIDE, IN TREATING RECIRCULATING COOLING WATER IN INDUSTRIAL COOLING SYSTEMS, PAPER MILLS, BREWERY PASTEURIZER WATER, METALWORKING CUTTING FLUIDS, NON-POTABLE REVERSE OSMOSIS SYSTEMS AND IN ENHANCED OIL RECOVERY SYSTEMS.

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

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT (First Aid)

If in eyes: Flush eyes immediately with plenty of water for at least 15 minutes and get medical attention at once.

If on skin: Wash with soap and plenty of water. Wash contaminated clothing before re-use.

If swallowed: Induce vomiting immediately by giving two glasses of water and sticking finger down throat. Repeat until vomit is clear. Call a physician. Never give anything by mouth to an unconscious person.

WASH THOROUGHLY AFTER HANDLING

See side panels for additional precautionary statements.

EPA Reg. No. 8622-LA EPA Est. No.

NET CONTENTS: _____ LBS.

WARRANTY

Seller warrants that this product conform 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.

AMERIBROM, INC.
52 VANDERBILT AVENUE
NEW YORK, NEW YORK 10017
212-286-4000

ACCEPTED
with COMMENTS
in EPA Letter Dated:

APR 22 1998

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 8622-56

MADE IN ISRAEL

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PRECAUTIONARY STATEMENTS

HAZARD 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 breathe mist or vapor. 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. Use with adequate ventilation.

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 wellclosed 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; 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 disposal. If drum contents are contaminated or decomposing, isolate unsealed drum in the open or 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-100G separately to the system. Do not mix it with other additives, so as to avoid decomposition of BIOBROM C-100G due to the high pH of many additive formulations.

Add BIOBROM C-100G 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 us used, the blowdown should be discontinued for 24-48 hours.

FOR CONTROL OF BACTERIA

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

INTERMITTENT OR SLUG METHOD

Initial Dose: When the system is noticeably fouled, add sufficient BIOBROM C-100G 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-100G 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-100G 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-100G in the system. Badly fouled systems must be cleaned before treatment is begun.

FOR CONTROL OF FUNGI AND ALGAE

Add sufficient BIOBROM C-100G to reach a concentration in the system of 7.0 - 23.0 ppm active ingredient, depending on the severity of the contamination.

INTERMITTENT OR SLUG METHOD

Initial Dose: When the system is noticeably fouled, add sufficient BIOBROM C-100G to achieve a concentration in the system of 11.6 - 23.0 ppm active ingredient. Maintain until control is achieved.

Subsequent Dose: When microbial control is evident, add sufficient BIOBROM C-100G daily to maintain a concentration in the system of 7.0 - 23.0 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-100G to reach a concentration in the system of 11.6 - 23.0 ppm active ingredient.

Subsequent Dose: Maintain a continuous feed of 7.0 - 23.0 ppm BIOBROM C-100G in the system. Badly fouled systems must be cleaned before treatment is begun.

TREATING PULP AND PAPER MILL SYSTEMS

Note: ADD BIOBROM C-100G separately to the system. Do not mix it with other additives, so as to avoid decomposition of BIOBROM C-100G due to the high pH of many additive formulations. For the control of slime-forming bacterial, fungal, and yeast growth in pulp, paper, and paperboard mills, add BIOBROM C-100G at the levels of 0.03 - 0.10 lb./ton (dry) of pulp or paper produced. Addition can be continuous or intermittent, depending upon the type of system and the severity of contamination. Addition is vis a metering pump at a point in the system that will ensure uniform distribution of BIOBROM C-100G in the mass of fiber and water, such as beaters, Jordan inlet or discharge, broke chests, furnish chests, save-alls and white-water tanks. Heavily fouled systems must be first boiled out, then treated with 0.03 - 0.07 lb. Of BIOBROM C-100G/ton (dry) of paper or pulp as necessary for control. Moderately fouled systems should be treated continuously with 0.07 - 0.10 lb. Of BIOBROM C-100G/ton (dry) of paper or pulp until the slime accumulation is controlled. Subsequent rates can then be reduced to 0.03 - 0.07 lb. Of BIOBROM C-100G/ton (dry) of paper on a continuous or intermittent basis as needed for control. Dislodged slime may cause breaks in the paper and a clean-up

of the paper machine may be advisable. Slightly fouled systems should be treated continuously with 0.03 - 0.07 lb. Of BIOBROM C-100G/ton (dry) of paper or pulp, until the slime is controlled, then added on am intermittent basis to maintain control.

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TREATING NON-POTABLE REVERSE OSMOSIS SYSTEMS

For controlling bacteria, fungi and algae slimes in non-potable Reverse Osmosis Systems and peripheral equipment, add BIOBROM C-100G to the system inlet water or before any other contamination area ahead of the Reverse Osmosis unit. BIOBROM C-100G should be added with a metering pump on an intermittent basis depending on the severity of contamination and the guidelines specified by the membrane manufacturer for BIOBROM C-100G. Add sufficient BIOBROM C-100G to achieve a concentration of 0.2 - 24.0 ppm in feedwater. During use of BIOBROM C-100G both permeate and reject waters should be directed to the drain. Once treatment is completed, rinsing with feedwater should continue until conductivity values in the permeate are at or below values before treatment with BIOBROM C-100G. Badly fouled systems must be cleaned before treatment is begun.

FOR CONTROL OF BACTERIA

Initial Dose: When the system is noticeably fouled, add sufficient BIOBROM C-100G to achieve a concentration of 1.2 - 2.4 ppm active ingredient in feedwater. Minimum treatment intervals should be 15 minutes. Repeat until control is achieved or as specified by guidelines recommended by the membrane manufacturer.
Subsequent Dose: When microbial control is achieved, maintain a concentration of 0.6 - 2.4 ppm of BIOBROM C-100G in feedwater or as specified by guidelines recommended by the membrane manufacturer.

FOR CONTROL OF FUNGI AND ALGAE

Initial Dose: When the system is noticeably fouled, add 12.0 - 24.0 ppm BIOBROM C-100G to feedwater. Minimum treatment intervals should be 15 minutes. Repeat until control is achieved or as specified by guidelines recommended by the membrane manufacturer.
Subsequent Dose: When microbial control is achieved, maintain a concentration of 7.2 - 24.0 ppm BIOBROM C-100G in feedwater, or as specified by guidelines recommended by the membrane manufacturer.

TREATING METALWORKING FLUIDS CONTAINING WATER

BIOBROM C-100G is effective in metalworking fluid concentrates which have been diluted in water at ratios of 1:100 to 1:14. For controlling (or inhibiting) the growth of bacteria, fungi, and yeasts that may deteriorate metalworking fluids containing water, add this product to the fluid in the collection tank. Additions should be made with a metering pump.
Initial or Slug Dose: When the system is noticeably fouled, add 60.6 ppm BIOBROM C-100G to metalworking fluids. Repeat until control is achieved.
Subsequent Dose: When microbial control is evident, maintain a concentration of 24.4 - 48.4 BIOBROM C-100G in the system, or as needed to maintain control. Additions of BIOBROM C-100G product can be made continuously or intermittently. Slug the system as required.

TREATING BREWERY PASTEURIZER WATER

For controlling (or inhibiting) the growth of bacteria, fungi, or yeasts in brewery pasteurizing water systems, add BIOBROM C-100G at a point in the system to insure uniform mixing.
Initial or Slug Dose: When the system is noticeably fouled, add sufficient BIOBROM C-100G 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-100G in the system, or as needed to maintain control. Additions of BIOBROM C-100G 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-100G separately to the system. Do not mix with other additives, as to avoid decomposition of BIOBROM C-100G due to the high pH of many additive formulations. Addition of BIOBROM C-100G 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-100G to achieve a concentration in feedwater of 0.2 - 16.0 ppm depending on the severity of the contamination. Additions should be made with a metering pump with continuously or intermittently.

CONTINUOUS FEED METHOD

When the system is noticeably fouled, add 2 - 16 ppm BIOBROM C-100G continuously until the desired degree of control is achieved. Subsequently, treat with 0.2 - 3.9 ppm BIOBROM C-100G 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-100G 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-100G. Additions of BIOBROM C-100G should be made with a metering pump immediately after preparation of the aqueous biopolymer solution to prevent loss of viscosity.