

PM32

EXPEDITE

8622-20

175

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95.



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☒ Amendment
☐ Other

OPP Identifier Number

220878

Application for Pesticide - Section I

1. Company/Product Number 8622-20	2. EPA Product Manager Walter Francis	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Biobrom C-103L	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) AmeriBrom, Inc. 52 Vanderbilt Avenue New York, NY 10017 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. 3876-95 Product Name Slimicide 508	

Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input checked="" type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Me-Too Amendment based on the approved label uses for the substantially similar product Slimicide 508: addition of use sites - metalworking cutting fluids, brewery pasteurizer water, non-potable/non-medical reverse osmosis systems and secondary oil recover to include marine sites.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Ronald L. Derbyshire	Title Regulatory Agent for AmeriBrom	Telephone No. (Include Area Code) (215) 522-2385
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Application Received (Stamped)
Signature 	3. Title Regulatory Agent for AmeriBrom	
4. Typed Name Ronald L. Derbyshire	5. Date November 8, 1995	

D B N P A

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 **20%**
INERT INGREDIENTS **80%**
TOTAL **100%**

10 LBS BIOBROM® C-103L LIQUID per GALLON

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

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 reuse.

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.

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

EPA Reg. No. 8622-20
EPA Est. No. 15298-IS-1
EPA Est. No. 4091-TN-3

Net contents: LBS

**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. 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 sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this product only as specified on this label.

CHEMICAL AND PHYSICAL HAZARDS

Reaction with strong reducing agents may be explosive. Avoid mixing.

STORAGE AND DISPOSAL

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

STORAGE: Store in a dark, cool, dry, well-ventilated area, not above 104°F (40°C), in well-closed original containers, away from energy sources, combustible organic materials, oxidizers and moisture.

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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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 respirator if misting occurs. 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.

KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE
TO MAINTAIN PRODUCT QUALITY, STORE IN THE DARK AT
TEMPERATURES BELOW 104°F(40°C)
DO NOT SHIP WITH FOOD, FEEDS, DRUGS OR CLOTHING

DIRECTIONS FOR USE

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

DIRECTIONS FOR TREATING INDUSTRIAL RECIRCULATING COOLING WATER IN INDUSTRIAL COOLING SYSTEMS

NOTE: Add BIOBROM® C-103L separately to the system. Do not mix it with other additives, so as to avoid decomposition of BIOBROM C-103L due to the high pH of many additive formulations.

Add BIOBROM C-103L 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 0.00095-0.0095 gal. of BIOBROM C-103L/1000 gal. of water in the system depending on the severity of contamination.

INTERMITTENT OR SLUG METHOD

Initial Dose: When the system is noticeably fouled, add 0.0048-0.0095 gal. of BIOBROM C-103L/1000 gal. of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 0.0024-0.0095 gal. of BIOBROM C-103L/1000 gal. of water in 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 0.0048-0.0095 gal. of BIOBROM C-103L/1000 gal. of water in the system.

Subsequent Dose: Maintain this level by pumping a continuous feed of 0.00095-0.0048 gal. of BIOBROM C-103L/1000 gal. of water in the system lost by blowdown. Badly fouled systems must be cleaned before treatment is begun.

FOR CONTROL OF FUNGI AND ALGAE

Add 0.029-0.095 gal. of BIOBROM C-103L/1000 gal. of water in the system, depending on the severity of contamination.

INTERMITTENT OR SLUG METHOD

Initial Dose: When the system is noticeably fouled, add 0.048-0.095 gal. of BIOBROM C-103L/1000 gal. of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 0.029-0.095 gal. of BIOBROM C-103L/1000 gal. of water in the system daily, 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 0.048-0.095 gal. of BIOBROM C-103L/1000 gal. of water in the system.

Subsequent Dose: Maintain this treatment level by pumping a continuous feed of 0.029-0.095 gal. of BIOBROM C-103L/1000 gal. of water in the system per day. Badly fouled systems must be cleaned before treatment is begun.

DIRECTIONS FOR TREATING PULP AND PAPER MILL SYSTEMS

NOTE: Add BIOBROM C-103L separately to the system. Do not mix it with other additives, so as to avoid decomposition of BIOBROM C-103L 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-103L at levels of 0.15-0.50 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 via a metering pump at a point in the system that will ensure uniform distribution of BIOBROM C-103L in the mass of fiber and water, such as the beaters, Jordan inlet or discharge, broke chests, furnish chests, save-alls and white-water tanks.

Heavily fouled systems must first be boiled out, then treated with 0.15-0.35 lb. of BIOBROM C-103L/ton (dry) of paper or pulp as necessary for control. **Moderately fouled systems** should be treated continuously with 0.35-0.50 lb. of BIOBROM C-103L/ton (dry) of paper or pulp until the slime accumulation is controlled. Subsequent rates can then be reduced to 0.15-0.35 lb. of BIOBROM C-103L/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 system** should be treated continuously with 0.15-0.35 lb. of BIOBROM C-103L/ton (dry) of paper or pulp, until the slime is controlled, then added on an intermittent basis to maintain control.

NON-POTABLE REVERSE OSMOSIS SYSTEMS

For controlling bacteria, fungi and algae slimes in non-potable Reverse Osmosis systems and peripheral equipment, add BIOBROM C-103L to the system inlet water or before any other contamination area ahead of the Reverse Osmosis unit. BIOBROM C-103L should be added with a metering pump on an intermittent bases depending on the severity of contamination and the guidelines specified by the membrane manufacturer for BIOBROM C-103L. Add BIOBROM C-103L at the rate of 0.01 to 1.0 lbs (1 to 120 ppm) per 1000 gals of feedwater. During use of BIOBROM C-103L 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-103L. Badly fouled systems must be cleaned before treatment is begun.

FOR CONTROL OF BACTERIA

INITIAL DOSE: When the system is noticeably fouled, add BIOBROM C-103L at the rate of 0.05 to 0.1 lb (6 to 12 ppm) per 100 gals of 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, add BIOBROM C-103L at the rate of 0.025 to 0.1 lb (3 to 12 ppm) per 100 gals of feedwater as needed to maintain control 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 BIOBROM C-103L at the rate of 0.5 to 1.0 lb (60 to 120 ppm) per 100 gals of 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, add BIOBROM C-103L at the rate of 0.3 to 1.0 lb (36 to 120 ppm) per 100 gals of feedwater as needed to maintain control or as specified by guidelines recommended by the membrane manufacturer.

TREATING METALWORKING FLUIDS CONTAINING WATER

BIOBROM C-103L is effective in metal working fluid concentrates which have been diluted in water at ratios of 1:100 to 1:4. For controlling (or inhibiting) the growth of bacteria, fungi and yeasts that may deteriorate metal working 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 BIOBROM C-103L at the rate of 0.25 gal (2.65 lbs) per 1000 gals of metal working fluid in the system. Repeat until control is achieved.

SUBSEQUENT DOSE

When microbial control is evident, add BIOBROM C-103L at the rate of 0.1 to 0.2 gal (1.06 to 2.12 lbs) per 1000 gals of metal working fluid per day, or as needed to maintain control. Additions BIOBROM C-103L 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 and yeasts in brewery pasteurizing water systems, add BIOBROM C-103L at a point in the system to insure uniform mixing.

INITIAL OR SLUG DOSE

When the system is noticeably fouled, add BIOBROM C-103L at the rate of 0.25 gal (2.65 lbs) per 1000 gals of water in the system. Repeat until control is achieved.

SUBSEQUENT DOSE

When microbial control is evident, add BIOBROM C-103L at the rate of 0.1 to 0.2 gal (1.06 to 2.12 lbs) per 1000 gals of water per day, or as needed to maintain control. Additions BIOBROM C-103L product can be made continuously or intermittently. Slug the system as required. Badly fouled systems must be cleaned before treatment is begun.

DIRECTIONS FOR TREATING ENHANCED OIL RECOVERY SYSTEMS

NOTE: Add BIOBROM C-103L separately to the system. Do not mix it with other additives, so as to avoid decomposition of BIOBROM C-103L due to the high pH of many additive formulations. Addition of BIOBROM C-103L 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 1-80 ppm BIOBROM C-103L (0.1-6.4 gal. of BIOBROM C-103L per 2400 barrels of water) depending on the severity of contamination. Additions should be made with a metering pump either continuously or intermittently.

CONTINUOUS FEED METHOD

When the system is noticeably fouled, add 10-80 ppm BIOBROM C-103L (0.8-6.4 gal. of BIOBROM C-103L per 2400 barrels of water) continuously until the desired degree of control is achieved. Subsequently, treat with 1-15 ppm BIOBROM C-103L (0.1-1.2 gal. of BIOBROM C-103L per 2400 barrels of water) 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 10-80 ppm BIOBROM C-103L (0.8-6.4 gal. of BIOBROM C-103L per 2400 barrels of water) 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 15-99 ppm BIOBROM C-103L (1.2-6.4 gal. of BIOBROM C-103L per 2400 barrels of water). Additions of BIOBROM C-103L should be made with a metering pump immediately after preparation of the aqueous biopolymer solution to prevent loss of viscosity.