

8622-20

04-22-2004

1/6

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

April 22, 2004

Robert Rosenwasser  
Manager, Regulatory Affairs  
Ameribrom, Inc.  
2115 Linwood Avenue  
Fort Lee, NJ 07024

Subject: BIOBROM C-103L  
EPA Registration No. 8622-20  
Application Date: March 24, 2004  
Receipt Date: March 24, 2004

Dear Mr. Rosenwasser:

This acknowledges receipt of your notification, submitted under the provision of PR Notice 98-10, FIFRA section 3(c)9.

**Proposed Notification**

- addition of hotline number to First Aid statement

**General Comments**

Based on a review of the material submitted, the following comments apply:

The notification application is acceptable and a copy has been inserted in your file for future reference.

Should you have any questions or comments concerning this letter, please contact me at (703) 308-6345.

Sincerely,

Wanda Mitchell  
Product Reviewer 32  
Regulatory Management Branch II  
Antimicrobials Division (7510C)

CONCURRENCES							
SYMBOL	7510C	7510C					
SURNAME	E. B. 19	Mitchell					
DATE	4/20/04	4/22/04					



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

301103

## Application for Pesticide - Section I

1. Company/Product Number 8622-20	2. EPA Product Manager W. Mitchell	3. Proposed Classification <input checked="" 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. 2115 Linwood Avenue Fort Lee, NJ 07024 <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. _____ Product Name _____	

## Section - II

<input 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 type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

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

"Notification of Addition of Hotline Telephone Number to already amended First Aid Statements per PR Notice 98-10."

"This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA."

## Section - III

1. Material This Product Will Be Packaged In:					
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	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Notification 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 <input type="checkbox"/>	
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 Robert Rosenwasser	Title Manager, Regulatory Affairs	Telephone No. (Include Area Code) (201) 242-6577	
<b>Certification</b> 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. Date Application Received (Stamped)
2. Signature 	3. Title Manager, Regulatory Affairs		
4. Typed Name Robert Rosenwasser	5. Date March 24, 2004		



**AmeriBrom, Inc.**

2115 Linwood Avenue, Fort Lee, NJ 07024-5004

Tel: 1 (201) 242-6560 Fax: 1 (201) 242-6561 Info@AmeriBrom.dsbg.com

March 24, 2004

Page 1 of 2

Document Processing Desk (AMEND)  
Office of Pesticide Programs (7504C)  
U.S. Environmental Protection Agency  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202-4501

**Attention: Wanda Mitchell PM-32 (7510C)**

**RE: Notification of Addition of Hotline Telephone Number to already amended First Aid Statements per PR Notice 98-10.**

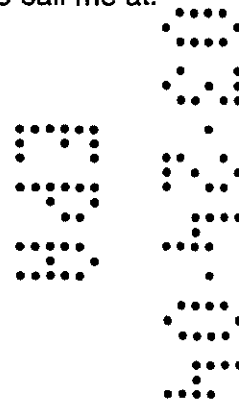
1. AmeriBrom, Inc., 2115 Linwood Avenue, Fort Lee, NJ 07024 is filing these Notifications to add an Emergency Hot Line Phone Number to our already amended First Aid Statements.
2. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Enclosed in this packet are Two (2) copies of each label. Please see page 2 for a complete list of the AmeriBrom labels.

If you have any questions or require further information, please feel free to call me at: (201) 242-6577.

Sincerely yours,

  
Robert Rosenwasser  
Manager, Regulatory Affairs





**AmeriBrom, Inc.**

2115 Linwood Avenue, Fort Lee, NJ 07024-5004

Tel: 1 (201) 242-6560 Fax: 1 (201) 242-6561 Info@AmeriBrom.dsb.com

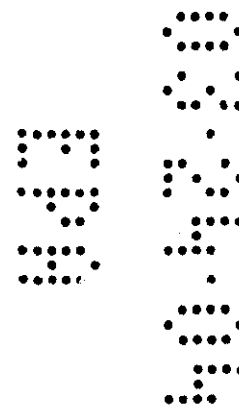
4/6

March 24, 2004

Page 2 of 2

**AmeriBrom label Notifications:**

	<b>OPP No.:</b>	<b>EPA No.:</b>	<b>Product Name:</b>
1.	292319	8622-56	Biobrom C-100G
2.	292320	8622-18	Biobrom C-103
3.	301103	8622-20	Biobrom C-103L
4.	301104	8662-63	Biobrom C-105L
5.	301105	8622-65	Biobrom C-100T
6.	301106	8622-49	Bromide Plus
7.	301107	8622-41	Halobrom Mini Slow Dissolving Brominating Tablets
8.	301108	8622-29	Halogene G
9.	301109	8622-30	Halogene T-30
10.	301110	8622-28	Halogene
11.	301111	8622-57	HyBrom 99
12.	301112	8622-42	Methylene Bis (Thiocyanate)
13.	301113	8622-67	Sodium Bromide 43%
14.	301114	8622-66	Sodium Bromide 45%
15.	301115	8622-45	Sodium Bromide



**PRECAUTIONARY STATEMENTS**  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER**

**CORROSIVE**

**CAUSES IRREVERSIBLE EYE DAMAGE**

**MAY BE FATAL IF SWALLOWED**

**HARMFUL IF INHALED OR ABSORBED THROUGH SKIN**

**CAUSES SKIN BURNS**

**PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT MAY CAUSE ALLERGIC REACTIONS IN SOME INDIVIDUALS**

Do not get in eyes, on skin, or on clothing. In case of contact immediately rinse skin with plenty of water. Get medical attention if irritation persists. Use with adequate ventilation. Wash thoroughly with soap and water after handling and before eating drinking using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**PERSONAL PROTECTION EQUIPMENT (PPE):**

-Applicators and other handlers must wear:

-Coveralls worn over long sleeved shirt and long pants.

-Chemical resistant footwear plus socks.

-Goggles or face shield.

-Chemical-resistant gloves(such as barrier laminate, butyl rubber, neoprene rubber, nitrile rubber, polyvinyl chloride (PVC and viton).

-For mixing/loading: Wear a chemical resistant apron

-For cleaning equipment: Wear a chemical resistant apron

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations**

Users should wash hands before drinking, chewing gum, using tobacco, or using the toilet.  
Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.  
Users should remove personal protective equipment immediately after handling this product. Wash outside of gloves before removing. As soon as possible wash thoroughly.

**General Precautions and Restrictions**

Do not apply this product in a way that will contact workers or other persons.

**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.

**BIOBROM® C-103L**

DBNPA

A MICROBIOCIDAL BACTERICIDE, FUNGICIDE, ALGAECIDE 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-nitropropionamide..... 20%  
INERT INGREDIENTS: ..... 80%  
TOTAL: ..... 100%

10 pounds BIOBROM® C-103L liquid per gallon.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

See side panels for additional precautionary statements

**FIRST AID**

If in eyes	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If inhaled	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
If on skin or clothing	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If swallowed	<ul style="list-style-type: none"><li>• Call poison control center, or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person</li></ul>

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.  
**YOU MAY ALSO CONTACT 1-800-420-9236 FOR EMERGENCY MEDICAL TREATMENT INFORMATION.**

**NOTE TO PHYSICIAN**

"Probable mucosal damage may contraindicate the use of gastric lavage."

**W/ THOROUGHLY AFTER HANDLING**

**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 misting

**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 DO NOT SMOKE, DRINK, OR EAT WHEN HANDLING**

**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.

**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 gallons 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**  
Add 0.029-0.095 gallon on the severity of contamination. **INTERMITTENT OR SLUG METHOD:** When the C-103L / 1000 gal. of water Subsequent Dose: When the C-103L / 1000 gal. of water systems must be cleaned. **CONTINUOUS FEED METHOD:** Initial Dose: When the C-103L / 1000 gal. of water Subsequent Dose: When the C-103L / 1000 gal. of water systems must be cleaned.

**DIRECTIONS FOR TREATING PAPER MILLS:** Add BIOBROM so as to avoid decomposition. For the paper and paperboard or paper produced. Add system and the severity system that will ensure water, such as the beater and white-water tanks. 0.15-0.35 lb. of BIOBROM C-103L / 1000 gal. of water. Moderately fouled systems: 0.15-0.35 lb. of BIOBROM C-103L / 1000 gal. of water. Slightly fouled systems: 0.075-0.15 lb. of BIOBROM C-103L / 1000 gal. of water. Intermittent basis to maintain control.

**DIRECTIONS FOR TREATING BACTERIA AND PERIPHERAL EQUIPMENT:** For controlling bacteria and peripheral equipment, other contamination can be added with a metering pump. Contamination and the C-103L.

Add BIOBROM C-103L feedwater. During use, be directed to the drain continue until conduct treatment with BIOBROM treatment is begun.

**FOR CONTROL OF BACTERIA:** Initial Dose: When the rate of 0.05 to 0.1 lb (6 to 12 oz) intervals should be 15 guidelines recommend Subsequent Dose: When the rate of 0.025 to 0.1 lb (3 to 6 oz) control or as specified. **FOR CONTROL OF FUNGI:** Initial Dose: When the rate of 0.5 to 1 lb (8 to 16 oz) treatment intervals should be specified by guidelines. Subsequent Dose: When the rate of 0.3 to 1.0 lb (3 to 16 oz) control or as specified.

**DIRECTIONS FOR TREATING PAPER MILLS:** BIOBROM C-103L is diluted in water at ratio of 1:100. Add bacteria, fungi and yeast to this product to the metering pump. **Initial or Slug Dose:** the rate of 0.25 gal. Repeat until control is achieved. **Subsequent Dose:** the rate of 0.1 to 0.2 gal. as needed to maintain continuous or intermittent control.

**DIRECTIONS FOR 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 (2.85 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 of 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 gallons 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 15-80 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 reduce loss of viscosity.

**DIRECTIONS FOR TREATING AIR-WASHER SYSTEMS**

Add 0.0015-0.095 gallons BIOBROM C-103L / 1000 gal of water in the system, 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 0.003-0.095 gal BIOBROM C-103L / 1000 gal of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 0.0015-0.047 gal BIOBROM C-103L / 1000 gal of water in the system every 2 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 0.003-0.095 gal BIOBROM C-103L / 1000 gal of water in the system.

Subsequent Dose: Maintain this level by pumping a continuous feed of 0.0015-0.047 gal BIOBROM C-103L / 1000 gal of water 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-103L 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-103L to the material or product at a concentration of 25 to 2,000 ppm by weight. This concentration is equivalent to 2.8 to 224.0 fluid ounces BIOBROM C-103L per 1,000 gallons or 21.4 to 1,712.0 milliliters BIOBROM C-103L per 1,000 liters. 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 BIOBROM C-103L at a concentration of 1.0 to 10.0 ppm 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-103L 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 0.4 - 1.5 ppm BIOBROM C-103L 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-103L should be added at a location where a contact time of 10 minutes or longer will be provided before reaching the outfall.

**DIRECTIONS FOR TREATING OILFIELD AND PETROCHEMICAL SYSTEMS**

BIOBROM C-103L may be used either in slug treatment or in continuous application. Dosages may vary from as much as 200 ppm of BIOBROM C-103L in slug application to 10 to 50 ppm of BIOBROM C-103L in continuous treatment (1/4 pint BIOBROM C-103L per 1,000 gallons of water equals approximately 30 ppm). A typical slug treatment is to add 1 pint of BIOBROM C-103L per 1,000 gallons at intervals as needed to prevent growth of microbial slime. Badly fouled systems may be slug treated to establish control, followed by continuous treatment to maintain control.

**MANUFACTURED FOR:**

**AMERIBROM, INC.**  
**2115 LINWOOD AVENUE**  
**FORT LEE, NJ 07024**  
**(201) 242-6560**

EPA Reg. No. 8622-20

EPA Est. No. 61688-AL-01  
EPA Est. No. 58616-PA-1  
EPA Est. No. 47901-MI-01

NET CONTENTS: \_\_\_\_\_ GALS.(LBS.)

4/03

AMB2/04

2/10