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-105L

EPA Registration No. 8622-63 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			
FIRNAME) F. Berg	Mitchell			
DATE 14/20/04	4-22-0Y		 	
EPA Form 1320-1A (1/90)		Printed on Recycled Paper	 , <u></u> OFFICL	AL FILE CORY

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\$EPA	U Environmental	Inited States	ion Age	ncy		V	Registrat Amendm Other	ion	OPP Identifier Number
		Applicati	on for F	estici	de - Sect	ion		*****	
1. Company/Product Number	r			2. EPA	Product Mana	ger		3. Pro	posed Classification
8622-63				W. Mit	chell			1 [~	None Restricted
4. Company/Product (Name) BIOBROM C-105L				PM# 32					J. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
5. Name and Address of App	plicant <i>(Include ZIP Cod</i>	de)		6. Exp	edited Rev	eiw.	In accordan	ce with	FIFRA Section 3(c)(3)
Ameribrom, Inc. 2115 Linwood Avenud Fort Lee, NJ 07024	ə		A THE PARTY OF THE	to:			ilar or identio		mposition and labeling
Check if this	is a new address			Produ	ct Name _				
			Sect	ion - I	ì				
Amendment - Explain Resubmission in resp Notification - Explain	onse to Agency letter	dated		_ []	Final printed Agency lette "Me Too" A Other - Expla	er dat pplica	ation.	to	
Explanation: Use addition "Notification of Addition of Ho "This notification is consistent labeling or the confidential state EPA. I further understand tha FIFRA and I may be subject to	ottine Telephone Numbe t with the provisions of F atement of formula of thi at if this notification is no	or to already a PR Notice 98- is product. I u t consistent w	amended Firs -10 and EPA understand the vith the terms under section	regulation at it is a vision of PR N	ns at 40 CFR violation of 18 otice 98-10and 14 of FIFRA."	152.4 U.S.0 d 40 0	6, and no other C. Sec. 1001 to	willfully m	nake any faise statement to
			Secti	on - II					
1. Material This Product Will	Be Packaged In:								
Child-Resistant Packaging Yes No	Unit Packaging Yes No			ioluble Pi Yes No	ackaging		2. Type of C	ontainer Metal Plastic Glass	
* (ification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	if "Yes" Package		No. per container			Paper Other (S	pecify)
3. Location of Net Contents I	Information ontainer	4. Size(s) Re	stail Contain	er		5. Lo	cation of Label	Directio	ns
6. Manner in Which Label is	Affixed to Product	Lithor Paper Stend	graph r glued ciled		Other				
			Secti	on - I\	/				
1. Contact Point (Complete	items directly below fo	or identificati	on of individ	lual to be	contacted, it	f nec	essary, to proc	ess this	application.)
Name Robert Rosenwasser			Title Manager	, Regula	tory Affairs		I .	elephone 201) 242	No. (Include Area Code) -6577
I certify that the staten I acknowledge that any both under applicable I	y knowlingily false or n		d all attachn						6. Dete Application Received (Stamped)
2. Signature	~		3. Title Manager,	Regulato	ry Affairs		a .		
4. Typed Name			5. Date						

Robert Rosenwasser

March 24, 2004





AmeriBrom, Inc.

2115 Linwood Åvenue, 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 98-10and 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 inform (201) 242-6577.	nation, please feel free to call me at:
Sincerely yours,	
Robert Rosenwasser Manager, Regulatory Affairs	
	•••





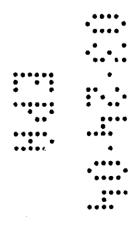
AmeriBrom, Inc. 2115 Linwood Avenue, Fort Lee, NJ 07024-5004 Tel: 1 (201) 242-6560 Fax: 1 (201) 242-6561 Info@AmeriBrom.dsbg.com

March 24, 2004

Page 2 of 2

AmeriBrom label Notifications:

	OPP No.:	EPA No.:	Product Name:
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 EYE CONTACT MAY CAUSE LOSS OF VISION HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SIGN

Avoid breathing vapors or spray mist. Do not get in eyes or on clothing. Avoid contact with skin. In case of contact immediately rinse skin with pienty of water. Get medical attention if irritation persists. Wear protective eyewear (goggles, face shield or safety glasses). Use with adequate ventilation. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTION EQUIPMENT (PPE):

- -Applicators and other handlers must wear.
- Coveralis worn over long sleeeved shirt and long pants.
- Chemical resistant footwear plus socks.
- Goodles or face shield.
- -Chemical-resistant gloves(such as barrier laminate, butyl rubber, neoprene rubber, nitrile rubber, polyvinyl chloride (PVC and viton).

FOR CLEANING EQUIPMENT:

-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.

WARRANTY

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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 in xi mascinably foresce size to Seller, and Buyer assumes the risk of any such use.

BIOBROM® C-105L

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-nitrilopropionamide	5.49%
INERT INGREDIENTS:	***************************************	94.51%
	TOTAL:	100.00%

2.5 pounds BIOBROM® C-105L liquid per gallon.

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panels for additional precautionary statements

See side panels for additional precautionary statements				
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. 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
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 the product container or label with you when calling a				
	ntrol center or doctor, or going for treatment. AY ALSO CONTACT 1-800-420-9236 FOR			

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."

WASH 'OROUGHLY 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 and disposal.

PESTICIDE 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.

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:

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.

PILLS:

When handling or dealing with spills, use impact-resistant goggles with side shields, or lace 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-105L separately to the system. Do not mix it with other additives, so as to avoid decomposition of BIOBROM C-105L due to the high pH of many additives, formulations. Add BIOBROM C-105L 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 insystem 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 0.00380-0.0380 gallons of BIOBROM C-105L / 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 0.0192-0.0380 gal. of BIOBROM C-105L / 1000 gal. of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 0.0096-0.0380 gal. of BIOBROM C-105L / 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 0.0192-0.0380 gal. of BIOBROM C-105L / 1000 gal, of water in the system.

*ubsequent Dose: Maintain this level by pumping a continuous feed of 0.00380-0.0192 d. of BIOBROM C-105L / 1000 gal. of water in the system lost by blowdown. Badly ouled systems must be cleaned before treatment is begun.

FOR CONTROL OI Add 0.116-0.380 g depending on the s NTERMITTENT OF initial Dose: When C-105L/1000 gal. Subsequent Dose BIOBROM C-105L control. Badly fould CONTINUOUS FEI Initial Dose: When C-105L/1000 gal. Subsequent Dose 0.116-0.380 gal. of louled systems must

DIRECTIONS FOR NOTE: Add BIOB additives, so as to many additive form growth in pulp, pay 2.00 lbs./ton (dry intermittent, depen Addition is via a distribution of BIOI Jordan inlet or di tanks. Heavily for lbs. of BIOBROM Moderately fouler BIOBROM C-105L Subsequent rates (dry) of paper on slime may cause I advisable. Stighti of BIOBROM C-19 added on an intern

DIRECTIONS FOR

For controlling bar

systems and peri water or before an BIOBROM C-105L depending on the membrane menuta Add BIOBROM C gais of feedwater. waters should be with feedwater she or below values be must be cleaned b FOR CONTROL O Initial Dose: Who the rate of 0.2 to treatment intervals specified by guide Subsequent Dos at the rate of 0.1 to maintain control o manufacturer FOR CONTROL (Initial Dose: Whe at the rate of 2.0 Minimum treatme

manufacturer.
Subsequent Dos at the rate of 1.2 needed to mainta membrane manuf

achieved or as

DIRECTIONS FO WATER BIOBROM C-105

BIOBROM C-105 been diluted in w growth of bacteri containing water, add this product to the fluid in the collection tank. Additions should be made with a metering pump.

Initial or Stug Dose: When the system is noticeably fouled, add BIOBROM C-105L at the rate of 1.1 gais (2.85 lbs) per 1000 gals of metalworking fluid in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add BIOBROM C-105L at the rate of 0.4 to 0.8 gal (1.06 to 2.12 lbs) per 1000 gats of metatworking fluid per day, or as needed to meintain control. Additions of BIOBROM C-105L product can be made continuously or intermittently. Slug the system as required.

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-105L at a point in the system to insure uniform mixing.

Initial or Stug Dose: When the system is noticeably fouled, add BIOBROM C-105L at the rate of 1.1 gals (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-105L at the rate of 0.4 to 0.8 gal (1.06 to 2.12 lbs) per 1000 gals of water per day, or as needed to maintain control. Additions of BIOBROM C-105L 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

DINECTIONS OF THE THREE ENTWINES ON THE COUNTY STATEMENT OF THE WITH Other additives, so as to avoid decomposition of BIOBROM C-105L due to the high pH of many additive formulations. Addition of BIOBROM C-105L due to may be made at the free water innoclouts, before or after the injection pumps and injection well headers. For controlling slime-forming bacteria, suffide-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-105L (0.4 - 25.6 gallons of BIOBROM C-105L per 2400 barrals 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-105L (3.2-25.6 gals, of BIOBROM C-105L per 2400 barrels of water) continuously until the desired degree of control is achieved. Subsequently, treat with 1-15 ppm BIOBROM C-105L (0.4-4.8 gals, of BIOBROM C-105L 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 10-90 ppm BIOBROM C-105L (32-25.6 gals. of BIOBROM C-105L ppr 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-10SL (4,8 -25.6 gais. of BIOBROM C-10SL per 2400 barrels of water). Additions of BIOBROM C-105L 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 0.06 - 0.38 gallons BIOBROM C-105L / 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 0.012 - 0.380 gal BIOBROM C-10SL / 1000 gal of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, and £065 c £188 gai BIOBROM C-105L / 1000 gal of water in the system ex any £ days, or as a 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 0.012 - 0.380 gal BIOBROM C-105L / 1000 gal of water in the system.

Subsequent Dose: Maintain this level by pimping a continue's feed of 0.006 - 0.188 gal BIOBROM C-105L / 1030 yal i/I water in the system 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-105L may be used to reduce microbiological contamination in raw materials and/or products such as: aqueous paints and coatings, polymers, situmes, adheelves, 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-105L to the material or product at a concentration of 25 to 2,000 ppm by weight. This concentration is equivalent to 11.2 to 896.0 fluid ounces BIOBROM C-105L per 1,000 galions or 85.6 to 6,848.0 milliliters BIOBROM C-105L 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-105L at a concentration of 1.0 to 10.0 ppm by weight of water being treated, depending on the severity and contarnination 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-105L 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-105L 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-105L should be added at a location where a contact time of 10 minutes or longer will be provided before reaching the outfall.

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

EPA Reg. No. 8622-63

EPA Est. No. 61688-AL-01

NET CONTENTS:_

GALS.(LBS.)

11/02

AMB2/04

