UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460



United States Environmental Protection Office of Pesticide Programs Agency

December 23, 2008

FILE COPY

Ann M. Oxford Manager, Regulatory Affairs Albemarle Corporation 451 Florida Street Baton Rouge, LA 70801

Subject:

Sanibrom 40 Biocide

EPA Registration No. 3377-25 Application Date: December 4, 2008 Receipt Date: December 12, 2008

Dear Ms. Oxford:

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

Proposed Notification

Revision to Storage and Disposal Statement per PR Notice 2007-4

General Comments

Based on a review of the material submitted, the following comment applies:

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 Y. Hensen

Product Reviewer (32)

Regulatory Management Branch II Antimicrobials Division (7510P)

Please read instructions on reverse before completing form.			Form Approved. OMI	3 No. 2070-0060 Approval Expires 5-31-98	
ted States			Re(:ration	OPP Identifier Number	
EPA Environmental Protection Agency			Amendment		
Washington, DC 2		· <u></u>			
		X	Other		
Applicat	tion for Pestic	ide - Se	ction I		
Company/Product Number	2.	. EPA Product	Manager	3. Proposed Classification	
3377-25	E	mily Mitchell			
3. Company/Product (Name)		PM# None Restricted			
Sanibrom 40 Biocide		None Restricted			
5. Name and Address of Applicant (Include ZIP Code)		6. Expedited Review. In accordance with FIFRA Section 3 (c) (3)			
Albemarle Corporation		(b) (i), my product is similar or identical in composition and labeling to:			
451 Florida Street		ÉPÁ Reg. No			
Baton Rouge, LA 70801		Product Name			
Check if this is a new address Section – II					
· · · · · · · · · · · · · · · · · · ·	Section -				
Amendment - Explain below.		Final p	rinted labels in response	e to	
Resubmission in response to Agency letter dated		"Me Too" Application.			
Notification - Explain below.		Other - Explain below.			
Explanation: Use additional Page(s) if necessary. (For se	ection I and Section II)			· · · · · · · · · · · · · · · · · · ·	
Notification of a label change per PR Notice 2007-4. This not	ification is consistent w	vith the guidan			
regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146 and 156.156. 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					
the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146 and 156.156, this product may be in violation of					
FIFRA and I may be subject to enforcement action and penalt			₹A.		
	Section -	<u>· </u>	···		
1. Material This Product Will Be Packaged In:					
Unit Packaging Child-Resistant Packaging		Vater Soluble F	rackaging 2	. Type of Container	
Yes* Yes	L	Yes		Metal	
	[× No		Plastic	
No If "Yes"	No. per If	"Yes"	No. Per	Glass	
* Certification must Unit Packaging wgt.	Container U	nit Package w	gt. Container	Paper	
be submitted				Other (Specify)	
Location of Net Contents Information 4. Size(s) Retail Container		5. Location of Label Directions			
Label Container 55 ga	allon drums, 275 gallor	n totes	On Label		
	trucks	110.005,		omnanying product	
On Labeling accompanying product					
Manner in Which Label is Affixed to Product	Lithograph		-		
<u> </u>	Paper glued		Other		
	Stenciled				
Section – IV					
1. Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application.)					
Name Title Telephone No. (Include Area Code)					
Ann M. Oxford	Manager, Regulat	tory Affairs	(225) 38	38-8111 · · · · · ·	
Certification 6. □ate Application					
i certify that the statements which I have made on this form and all attachments are true, accurate and complete: Receited acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or (Stamped)					
hoth under applicable law					
Signature	3. Title	-		; (C) () () () () () () () () (
$(\mathcal{L}_{\mathcal{L}_{n}})$					
(MMC)HOUL	Manager, Regulator	ry Affairs	(()	C)	
4. Typed Name	5. Date			((()	
Ann M. Oxford	December 4, 2008				

EPA Form 8750-1 (Rev. 8-94) Previous editions are obsolete.

451 Florida Street Baton Rouge, Louisiana 70801-1765 Telephone: 225-388-8011 Facsimile: 225-388-7686 Health, Safety, and Environment Department Product Stewardship, Toxicology and Regulatory Affairs Facsimile: 225-388-7046

Writer's Direct Dial Phone Number:

(225) 388-8111

e-mail: ann oxford@albemarle.com

December 4, 2008

Document Processing Desk (NOTIF) Office of Pesticide Programs – 7504P U.S. Environmental Protection Agency 1200 Pennsylvania Ave., NW Washington, D.C. 20460-0001

SUBJECT: Sanibrom 40 Biocide, EPA Reg. No. 3377-25

Notification per PR Notice 2007-4

This submission is to notify the EPA of a label change to the Storage & Disposal section of the Sanibrom 40 Biocide label per PR Notice 2007-4.

The label previously submitted and approved by the EPA indicated that the totes were returned for refill. Albemarle does not refill totes. We use these totes only as one-way containers. The Storage & Disposal was changed to reflect the non-refillable container instructions.

Enclosed are a revised label and an Application for Pesticide Registration, EPA Form 8570-1, completed per PR Notice 2007-4.

Sincerely,

ALBEMARLE CORPORATION

Ann M. Oxford

Manager, Regulator Affairs

Enclosures: 2

SANIBROM 40 BIOCIDE EPA Reg. No. 3377-25

TRANSMITTAL DOCUMENT

SUBMITTER:

Albemarle Corporation

attn: Ann Oxford 451 Florida Street

Baton Rouge, LA 70801

REGULATORY ACTION: NOTIFICATION to update the Storage & Disposal section of the label per PR Notice 2007-4.

TRANSMITTAL DATE: December 4, 2008

SUBMITTED DOCUMENTS:

Administrative Materials

Revised Sanibrom 40 Biocide label with changes clearly marked

Application for Pesticide Registration (EPA Form 8570-1)

COMPANY OFFICIAL:

Ann M. Oxford, Manager, Regulatory Affairs

Albemarle Corporation 451 Florida Street

Baton Rouge, LA 70801

(225) 388-8111.

SANIBROM® 40 BIOCIDE

FOR USE AS A BACTERICIDE, FUNGICIDE, ALGICIDE, SLIMICIDE AND MOLLUSCICIDE IN COMMERCIAL AND INDUSTRIAL WATER TREATMENT
CONTROLS BIOFILM DEPOSITS FROM PUMPS, PIPEWORK, HEAT EXCHANGERS, AND FILTERS ASSOCIATED WITH INDUSTRIAL WATER TREATMENT SYSTEMS.

KEEP OUT OF REACH OF CHILDREN CAUTION

Prolonged eye and skin contact may cause severe irritation.

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-25 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 ON SKIN: 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

ALBEMARLE CORPORATION 451 Florida Street Baton Rouge, LA 70801

In case of an emergency endangering life or property involving this product, call collect (225) 344-7147.

EPA Reg. No. 3377 EPA Est. 3377-AR- EPA Est. 42403-TX	1
Net Contents:	
Batch Number:	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Avoid contact with skin and clothing. Wash with soap and water after handling. Remove contaminated clothing and wash clothing separately before reuse. Do not get into eyes.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. 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.

PHYSICAL AND CHEMICAL HAZARDS

SANIBROM 40 BIOCIDE is not flammable. Avoid contact with strong acids and strong oxidizing agents. Avoid contact with common metals such as aluminum, brass, copper, carbon steel and stainless steel.

DIRECTIONS FOR USE

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

SANIBROM 40 BIOCIDE is used as a bactericide, fungicide, algaecide, slimicide, and molluscicide in recirculating and once-through cooling water systems, brewery pasteurizing systems, waste water systems, and pulp and paper mills. It is to be used in conjunction with an oxidant such as sodium hypochlorite (12.5%) or chlorine gas (99.9%) to produce hypobromous acid. SANIBROM 40 BIOCIDE may be added at system inlet water or metered into the existing NaOCI piping to form a solution of sodium hypobromite. Consult your feeder manufacturer for correct procedure and proper use of the feeder equipment.

WASTEWATER. When used as directed, SANIBROM 40 BIOCIDE effectively controls microorganisms in wastewater systems. The quantity of SANIBROM 40 BIOCIDE required varies with the degree of fouling. Add sufficient SANIBROM 40 BIOCIDE and chlorine or sodium hypochlorite to achieve residual bromine levels of 0.3 ppm to 1 ppm when measured approximately 5 minutes after treatment.

Depending on the construction of the wastewater system, SANIBROM 40 BIOCIDE can be effectively added to one or more different locations in the system. Frequently, the compound is added to wastewater receiving secondary treatment at a contact tank preceding the effluent discharge or at the influent of the final clarifier.

RECIRCULATING COOLING WATER SYSTEMS INCLUDING BREWERY PASTEURIZERS AND AIR WASHERS. When used as directed, SANIBROM 40 BIOCIDE effectively controls bacteria, fungi, algae, slimes and the growth and settlement of mollusks such as zebra mussel (Dreissena) or the Asiatic clam (Corbicula) in commercial and industrial cooling towers, heat exchange water towers, industrial water scrubbing systems and influent systems such as flow through filters, and lagoons, etc.

INDUSTRIAL ONCE-THROUGH COOLING WATER SYSTEMS. When used as directed, SANIBROM 40 BIOCIDE effectively controls bacteria, fungi, algae, slimes and the crowth and settlement of mollusks such as zebra mussel (Dreissena) or the Asiatic clam (Corbicula) in once-through and closed-cycle fresh and sea water cooling systems. Apply SANIBROM 40 BIOCIDE and chlorine or sodium hypochlorite to the system inlet water or before any other contuminated area in the system.

DOSAGE RATES:

Initial Dose: When the system is noticeably fouled, apply sufficient SANIBROM 40 BIOCIDE and chlorine or sodium hypochlorite to achieve a residual bromine level of 0.5 – 1 ppm or as needed to maintain control. A 0.5 to 2.0 mole ratio of sodium bromide to oxidant is recommended. Typically, the recommended mole ratio may be achieved by using 1.5 – 6.0 lbs of chlorine gas (99.9%) or 1.3 – 5.2 gallons NaOCI (12.5%) for each gallon of SANIBROM 40 BIOCIDE. Subsequent Dose: When microbial control is evident, apply sufficient SANIBROM 40 BIOCIDE and chlorine or sodium hypochlorite to achieve a residual bromine level of 0.5 – 1 ppm or as needed to maintain control. A 0.5 to 2.0 mole ratio of sodium bromide to oxidant is recommended. Typically, the recommended mole ratio may be achieved by using 1.5 – 6.0 lbs of chlorine gas (99.9%) or 1.3 – 5.2 gallons NaOCI (12.5%) for each gallon of SANIBROM 40 BIOCIDE.

The product may be added to the system either continuously or intermittently or as needed to obtain the above residual level. The frequency of feeding and dosage rate will depend on the severity of the problem. It is recommended that the product be used in a manner such that the effluent discharges meet the NPDES guidelines.

SANIBROM 40 BIOCIDE can also be used to clean biofilm deposits from pumps, pipework, heat exchangers, and filters associated with industrial water treatment systems.

DOSAGE RATES:

When the system is noticeably soiled, apply sufficient SANIBROM 40 BIOCIDE and chlorine or sodium hypochlorite to achieve a residual bromine level of 1.0-3.0 ppm or as needed to clean biofilm soil. A 0.25 to 1.0 mole ratio of sodium bromide to oxidant is recommended. Typically, the recommended mole ratio may be achieved by using 1.5-6.0 lbs of chlorine gas (99.9%) or 1.3-5.2 gallons NaOC1 (12.5%) for each gallon of SANIBROM 40 BIOCIDE.

WARRANTY

Seller makes no warranty expressed or implied concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry, well-ventilated area. Product should be stored at 10° F or above.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

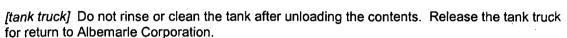
CONTAINER DISPOSAL: [55 gallon] Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Offer for reconditioning if appropriate.

Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.



CONTAINER DISPOSAL: [275-300 gallon tote or IBC] Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Offer for reconditioning if appropriate.

Triple rinse as follows: Empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.



The following statements will be used on labels for stationary tanks]
Refillable container. Refill this container with like pesticide products. Do not reuse this container for any other purpose.

CONTAINER DISPOSAL: Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.'

