

3377-25

11/13/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICID
AND TOXIC SUBSTANCES

NOV 13 2009

Ann M. Oxford
Albemarle Corporation
451 Florida Street
Baton Rouge, LA. 70801-1765

Subject: Notification dated: October 16, 2009
Snibrom 40 Biocide
EPA Registration 3377-25

Dear Ann:

This acknowledges receipt of your Notification submitted in accordance with the provisions of PR Notice 98-10 under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)9.

Proposed Notification


Removal of "pulp and paper mills" as a use site from your label.

General Comment

Based on a review of the material submitted, the notification is acceptable.

Should you have any questions or comments concerning this letter, please contact Tom Luminello at (703) 308-8075.

Sincerely,

for 

Emily H. Mitchell
Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)

EPA

United States Environmental Protection Agency Washington, DC 20460

Registration Amendment Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 3377-25
2. EPA Product Manager Emily Mitchell
3. Company/Product (Name) Sanibrom 40 Biocide
5. Name and Address of Applicant (Include ZIP Code) Albemarle Corporation 451 Florida Street Baton Rouge, LA 70801
6. Expedited Review. In accordance with FIFRA Section 3 (c) (3) (b) (i), my product is similar or identical in composition and labeling to:

Section - II

Amendment - Explain below
Resubmission in response to Agency letter dated
Notification - Explain below
Final printed labels in response to
"Me Too" Application.
Other - Explain below.

Explanation: Use additional Page(s) if necessary. (For section I and Section II) Notification to remove "pulp and paper mills" from the first paragraph in the directions for use. 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.

Section - III

1. Material This Product Will Be Packaged In:
Child-Resistant Packaging
Unit Packaging
Water Soluble Packaging
2. Type of Container
3. Location of Net Contents Information
4. Size(s) Retail Container
5. Location of Label Directions
6. Manner in Which Label is Affixed to Product

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application)
Name Ann M. Oxford
Title Manager, Regulatory Affairs
Telephone No. (Include Area Code) (225) 388-8111
Certification
I certify that the statements which I have made on this form and all attachments are true, accurate and complete.
2. Signature
3. Title Manager, Regulatory Affairs
4. Typed Name Ann M. Oxford
5. Date October 16, 2009
6. Date Application Received (Stamped)

**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, algacide, slimicide, and molluscicide in recirculating and once-through cooling water systems, brewery pasteurizing systems and 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 NaOCl 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 growth 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 of before any other contaminated 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 NaOCl (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 NaOCl (12.5%) for each gallon of SANIBROM 40 BIOCIDE.

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.

ACTIVE INGREDIENT:	Sodium Bromide	40.0%
INERT INGREDIENTS:	60.0%
TOTAL	100.0%

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. 3377-25
EPA Est. 42403-TX-1, 3377-AR-1

Net Contents: _____

Batch Number: _____

DIRECTIONS FOR USE (cont.)

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 NaOCl (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.

[tank truck] Do not rinse or clean the tank after unloading the contents. Return the tank truck for return to Albemarle Corporation.

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.

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