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



United States
Environmental Protection
Agency

Office of Pesticide Programs

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)



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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

A handwritten signature in cursive script that reads 'Ann M. Oxford'.

Ann M. Oxford
Manager, Regulatory Affairs

Enclosures: 2

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**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, 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 or 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.

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. Release 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.