



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number Albemarle Corporation 3377-25	2. EPA Product Manager Unknown <i>M. Johnson</i>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) SANIBROM <sup>TM</sup> 40 BIOCIDE	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) Albemarle Corporation 451 Florida Street Baton Rouge, LA 70801  <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 _____	

NOTIFICATION  
SEP 2 1996

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 Alternate Brand Name per PR Notice 95.2.

"This notification is consistent with the provisions of PR Notice 95-2 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 95-2 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:				2. Type of Container	
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		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
* Certification 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"/> On Label <input type="checkbox"/> On Labeling accompanying product	
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 Louise L. Wen, Ph.D.	Title Manager, Regulatory Affairs	Telephone No. (Include Area Code) 504/388-7650
2. Signature <i>L. L. Wen</i>		3. Title Manager, Regulatory Affairs
4. Typed Name Louise L. Wen, Ph.D.		5. Date Aug. 26, 1996
Certification 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)

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

**WARNING**

May cause irritation. Prolonged contact may cause skin irritations. Do not get into eyes.

**ENVIRONMENTAL HAZARDS**

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 BIOCIDES is not flammable. Avoid contact with strong oxidizers (other than sodium hypochlorite and chlorine), acids, alkaloidal and heavy metal salts.

**STORAGE AND DISPOSAL**

**STORAGE:** Store drums in well ventilated, dry area. Product should be stored at 50° F or above.

**DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Triple rinse the container (or equivalent), then offer for recycle, reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**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.

10/96

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**SANIBROM  
BIOCIDES**

FOR USE AS A DISINFECTANT,  
ALGICIDE, SLIMICIDE AND MOLLUSKICIDE

**ACTIVE INGREDIENT:**

Sodium Bromide.....

**INERT INGREDIENT:**.....

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

Prolonged eyes and skin contact may cause irritation.

**STATEMENT OF PRACTICE**

In case of contact, immediately flush eyes with water. Get medical attention if irritation persists.

**ALBEMARLE CORPORATION**  
451 Florida Street  
Baton Rouge, LA 70801

In case of an emergency call 1-800-441-6400  
involving this product, call 1-800-441-6400

EPA Reg. No. 447-10-01  
EPA Est. No. 44710-01-0001  
EPA Est. No. 44710-01-0001

Net Contents.....

# BROM™ 40 BIOCIDE

**T, BACTERICIDE, FUNGICIDE,  
USCICIDE IN WATER TREATMENT**

..... 40.0%  
..... 60.0%

**ACH OF CHILDREN**

**NING**

cause severe irritation.

**CTICAL TREATMENT**

eyes or skin with plenty of water.  
its.

## ALBEMARLE

ndangering life or property  
ll collect (504) 344-7147.

o. 3377 - 25  
o. 3377-AR-1  
o. 42403-TX-1 ←

..... lbs.

## DIRECTIONS FOR USE

3/3

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 disinfectant, bactericide, fungicide, algicide, silticide, 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 the 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 disinfects wastewater effluent. 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.

The disinfection of sewage effluent must be evaluated by determining that the total number of coliform bacteria and/or fecal coliform bacteria, as determined by the MPN Procedure, of the disinfected effluent has been reduced to or below the maximum permitted by the controlling regulatory jurisdiction.

**RECIRCULATING COOLING WATER SYSTEMS INCLUDING BREWERY PASTEURIZERS.** 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 (not registered in California) and influent systems such as flow through filters, and lagoons, (not registered in California) 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.

