

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

MAR 21 2002

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Anne Oxford  
Manager, Regulatory Affairs  
Albermarle Corporation  
451 Florida Street  
Baton Rouge, LA. 70801

SUBJECT: January 22, 2002 Amendment  
Sanibrom 101 Algicide  
EPA Registration 3377-53

Dear Ms. Oxford:

The amendment referred to above, submitted in connection with registration of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is conditionally acceptable provided that the word "kills" on page 5 is changed to "controls". Two copies of the finished labeling must be submitted to the Agency for our files.

A stamped copy of the label is enclosed for your records. If you have any questions regarding this letter, please contact Tom Luminello of my staff at (703) 308-8075.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "R. Brennis".

Robert S. Brennis  
Product Manager (32)  
Regulatory Management Branch II  
Antimicrobial Division (7510-C)

Enclosure

2 8 6

# SANIBROM<sup>®</sup> 101

ALGICIDE

FOR USE TO CONTROL AND PREVENT ALGAE GROWTH AND TO MAINTAIN CLEAR WATER IN SWIMMING POOLS

**ACTIVE INGREDIENT:**

Sodium Bromide..... 98%

**INERT INGREDIENTS:** ..... 2%

**TOTAL**..... 100%

## KEEP OUT OF REACH OF CHILDREN WARNING

Prolonged eyes and skin contact may cause severe irritation.

### FIRST AID

**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 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.

**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.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

See side panel for additional precautionary statements.

ACCEPTED  
with COMMENTS  
m EPA Letter Dated:

MAR 21 2002

Under the Federal Insecticide,  
Fungicide and Rodenticide Act as  
amended for the pesticide,  
registered under EPA Reg. No.

3377-53

EPA REG. NO. 3377-53  
EPA EST. NO. 3377-AR-1



451 Florida Street  
Baton Rouge, LA 70801

In case of emergency endangering life or property involving this product,  
call collect (225) 344-7174.

Net Contents \_\_\_\_\_

3 7 6

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMAN AND DOMESTIC ANIMALS**

**WARNING:** Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not get into eyes. Do not swallow. Avoid contamination of food.

**ENVIRONMENTAL HAZARDS [for package sizes of ≥50 lbs]**

This product is toxic to fish. 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 Board or Regional Office of the EPA.

**PHYSICAL OR CHEMICAL HAZARDS**

Avoid contact with oxidizing agents other than as described in the directions for use. Do not directly mix this product with any other chlorinated product or other oxidizing agent.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by the use, storage, or disposal of this product.

**STORAGE:** Store in original container. Store in a cool, dry place away from the reach of children. Keep container closed when not in use.

**DISPOSAL:**

**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 can not be disposed of by use in accordance to label instructions, contact you Regional Office of EPA for guidance.

**Container Disposal:** Do not reuse container. Rinse thoroughly and securely wrap empty container in several layers of newspaper before discarding in trash.

**WARRANTY [may or may not appear on the label]**

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

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Fungicide and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.

3377-53

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. All dosages are for 10,000 gallons of water. Adjust accordingly. Prior to using product, assure water is properly balanced (pH between 7.6 and 7.8; total alkalinity between 120 and 140 ppm).

**BREAKOUT TREATMENT**

To remove visible algae accumulations:

1. Brush areas affected with algae accumulations.
2. Add 4 oz. *[optional statements: (4 capfuls or (x capful(s)) where x = the appropriate number of capfuls depending on the cap size to deliver the 4 oz.]* of SANIBROM 101 ALGICIDE per 10,000 gallons close to the affected areas. For severe accumulations, add 8 oz per 10,000 gallons.
3. To activate, add one of the following: 1 pound dry chlorinating compound (calcium hypochlorite or dichloroisocyanurate), 2 pounds lithium hypochlorite (35%), 1 gallon sodium hypochlorite (liquid chlorinating compound) 10-12%, 2 gallons sodium hypochlorite (liquid chlorinating compound) 5.25%, or 1 pound potassium monopersulfate *[alternatively, we may use a trade name such as Oxone]* per 10,000 gallons of water.

Use a suitable test kit to test for residual chlorine. Ensure that the chlorine residual is 3 ppm or lower before reentering the pool.

**MAINTENANCE TREATMENT**

To prevent visible algae accumulations:

Separately add 4 oz. *[optional statements: (4 capfuls or (x capful(s)) where x = the appropriate number of capfuls depending on the cap size to deliver the 4 oz.]* of SANIBROM 101 ALGICIDE and one of the following: 1 pound dry chlorinating compound (calcium hypochlorite or dichloroisocyanurate), 2 pounds lithium hypochlorite (35%), 1 gallon sodium hypochlorite (liquid chlorinating compound) 10-12%, 2 gallons sodium hypochlorite (liquid chlorinating compound) 5.25%, or 1 pound potassium monopersulfate *[alternatively, we may use a trade name such as Oxone]* per 10,000 gallons of water per week.

Use a suitable test kit to test for residual chlorine. Ensure that the chlorine residual is 3 ppm or lower before reentering the pool.

**WINTERIZING AND SPRING STARTUP TREATMENT**

1. Add 8 oz. of SANIBROM 101 Algicide per 10,000 gallons of water.
2. Activate by adding one of the following: 1 pound dry chlorinating compound (calcium hypochlorite or dichloroisocyanurate), 2 pounds lithium hypochlorite (35%), 1 gallon sodium hypochlorite (liquid chlorinating compound) 10-12%, 2 gallons sodium hypochlorite (liquid chlorinating compound) 5.25%, or 1 pound potassium monopersulfate *[alternatively, we may use a trade name such as Oxone]* per 10,000 gallons of water.
3. Allow the pump to circulate the water for several hours after chemical additions for good mixing.

Follow dealers normal winterizing procedures for your pool. Before using chlorine or oxygen shock, read the Directions for Use and Precautionary Statements specific to that product.

To aid in quicker and easier opening of the pool in the spring, repeat above application upon start-up.

ACCEPTED  
with COMMENTS  
EPA Letter Dated:  
MAR 21 2002

Federal Insecticide,  
Fungicide and Rodenticide Act as  
Amended, and as a Pesticide.  
EPA Reg. No.

**DIRECTIONS FOR USE [6 ounce size only]**

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

**BREAKOUT TREATMENT:** To remove visible algae accumulations, brush areas affected with algae accumulations. Add one 6 oz. bag of SANIBROM 101 ALGICIDE per 15,000 gallons. For severe accumulations add 12 oz. per 15,000 gallons. To activate, add one of the following: 1.5 lbs. of dry chlorinating compound (calcium hypochlorite or dichloroisocyanurate) or 1.5 gal. of sodium hypochlorite (liquid chlorinating compound) 10-12% per 15,000 gallons. Use a suitable test kit for residual chlorine. Ensure that the chlorine residual is 3 ppm or lower before reentering pool.

**MAINTENANCE TREATMENT:** To prevent visible algae accumulations, separately add 6 oz. of SANIBROM 101 ALGICIDE and one of the following: 1 pound dry chlorinating compound (calcium hypochlorite or dichloroisocyanurate), or 1 gallon sodium hypochlorite (liquid chlorinating compound) 10-12%, per 15,000 gallons of water per week. Use a suitable test kit to test for residual chlorine. Ensure that the chlorine residual is 3 ppm or lower before reentering the pool.

Optional advisory statement, may or may not appear on the label:  
If the pool water turns green following use of this product, the addition of sodium bicarbonate (baking soda) will raise the alkalinity to the recommended level and restore natural color.

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### Sanibrom 101 Algicide

EPA Reg. No. 3377-53

#### Optional Marketing Statements

The following statements may or may not appear on the label, or may appear in combination

*Change to controls*

Prevents Algae Growth  
 Kills Algae  
 Removes Algae  
 Broadly Effective Against Algae  
 Broad spectrum algicide  
 Broad spectrum algae preventative  
 Algicide  
 Kills algae overnight and prevents it from returning

Non-foaming  
 Non-staining  
 No heavy metals  
 Dissolves Rapidly  
 Quick dissolving

Winterizing Treatment  
 Winterizing and spring start-up made easy  
 Vacation Treatment  
 All purpose

For use with Chlorinating Sanitizers  
 For use with Non-Chlorine Sanitizers  
 For use with Bromine Sanitizers  
 For use with Bromine Disinfectants

Provides Crystal Clear Water  
 For Clear, Clean Water  
 No more algae stains  
 Sparkling, clear water  
 Restores water sparkle  
 Clarifies  
 Clear, clean water  
 Keeps water clear

For Use with Vinyl Lined Pools  
 For Use in All Pools  
 Ideal for all pool surfaces

For above-ground and in-ground pools  
 Ideal for above-ground pools  
 Ideal for vinyl pool surfaces  
 Safe for all pool surfaces

For use in all pool types (This statement alerts consumer to the fact they may use this product in above ground, in ground, indoor, outdoor, plaster, vinyl, and fiberglass pools)

Easy to use  
 Easy and convenient  
 Convenient to use

No odor

Suitable for use with alternative devices such as ionizers, electrolysis and mineral feeders  
 Bromine algicide  
 Bromine technology  
 Patents pending  
 For commercial use

98% active

Reactivate by simply shocking pool

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