



## 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 202 Algicide  
EPA Registration 3377-54

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 the Optional Marketing Statements 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 black ink, appearing to read "R. Brennis".

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

Enclosure

2.74

# SANIBROM<sup>®</sup> 202 ALGICIDE

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

**ACTIVE INGREDIENT:**

Sodium Bromide ..... 40%

**INERT INGREDIENTS:** ..... 60%

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

## KEEP OUT OF REACH OF CHILDREN CAUTION

Wait at least 1 hour after SANIBROM 202 Algicide treatment before entering pool or spa or follow the required waiting period for a product used with SANIBROM 202 Algicide if greater than 1 hour. Prolonged eyes and skin contact may cause severe irritation.

**FIRST AID**

**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.

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

See side panel for additional precautionary statements.

EPA REG. NO. 3377-54  
EPA EST. NO. 3377-AR-1

Albemarle Corporation  
451 Florida Street  
Baton Rouge, LA 70801

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

ALBEMARLE and SANIBROM are registered trademarks of Albemarle Corporation.

Baquacil is a registered trademark of Zeneca, Inc.  
Softswim is a registered trademark of Bio-Lab, Inc.

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

10/25/01

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

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMAN AND DOMESTIC ANIMALS

**CAUTION:** Wait at least 1 hour before entering pool or spa after treatment with this product. Harmful if absorbed through the skin. Avoid contact with skin and clothing. Wash with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not get into eyes.

**ENVIRONMENTAL HAZARDS [for package sizes of ≥250 lbs]**

This product 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 Board or Regional Office of the EPA.

**PHYSICAL OR CHEMICAL HAZARDS**

SANIBROM 202 Algicide is not flammable. Do not allow this product to come into contact with acids or oxidizing agents under conditions other than as described in the directions for use. Add this product to water only. Negligent mixing of this product with acids or oxidizing agents may cause release of poisonous corrosive hydrogen bromide or bromine gas. Reducing Agent.

**DIRECTIONS FOR USE**

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

SANIBROM 202 Algicide is used to control and prevent algae growth and to maintain clear water in swimming pools, spas, and fountains using chlorinating systems:

**INITIAL TREATMENT for pools, spas, and fountains using chlorinating disinfection systems**

Use to start a preventative treatment program with SANIBROM 202 Algicide:

For each 10,000 gallons of water in swimming pool, spa, or fountain, add 6 fluid ounces of SANIBROM 202 Algicide directly to the water. Follow the Initial Treatment directions on the chlorinating compound product label. Do not mix SANIBROM 202 Algicide directly with chlorinating compounds.

| Size of Pool, Spa, or Fountain | Amount of SANIBROM 202 Algicide |
|--------------------------------|---------------------------------|
| 10,000 gallons                 | 6 ounces                        |
| 15,000 gallons                 | 9 ounces                        |
| 20,000 gallons                 | 12 ounces                       |

Wait at least 1 hour after SANIBROM 202 Algicide treatment before entering pool or spa or follow the required waiting period for a product used with SANIBROM 202 Algicide if greater than 1 hour.

**MAINTENANCE TREATMENT for pools, spas, and fountains using chlorinating disinfection systems. Use bi-weekly, or as needed to keep water free of algae.**

Add chlorinating compound as directed on product label for appropriate size of swimming pool, spa, or fountain. Add the following amount of SANIBROM 202 Algicide when adding a chlorinating compound.

**ACCEPTED  
with COMMENT  
in EPA Letter Data**

MAR 21 2002  
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. \_\_\_\_\_

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| Amount of chlorinating compound added  | Amount of SANIBROM 202 Algicide to Add |
|--|--|
| 1 gallon of sodium hypochlorite (liquid chlorinating compound) 10-12%            | 5 fluid ounces                         |
| 2 gallons of sodium hypochlorite (liquid chlorinating compound) 5.25%            | 5 fluid ounces                         |
| 1 lb of dry chlorinating compound (calcium hypochlorite or dichloroisocyanurate) | 5 fluid ounces                         |
| 2 lb lithium hypochlorite (35%)  | 5 fluid ounces                         |
| two 3-in tablets trichloro-s- triazinetrione                                     | 6 fluid ounces                         |
| 1 lb chlorine produced by chlorine generator                                     | 5 fluid ounces                         |

Wait at least 1 hour after SANIBROM 202 Algicide treatment before entering pool or spa or follow the required waiting period for a product used with SANIBROM 202 Algicide if greater than 1 hour.

SANIBROM 202 Algicide is used to control and prevent algae growth and to maintain clear water in swimming pools, spas, and fountains using Biguanide, Baquacil®, or Softswim® systems:

**INITIAL TREATMENT** for pools, spas, and fountains using biguanide disinfection systems

Use to start a preventative treatment program with SANIBROM 202 Algicide:

For each 10,000 gallons of water in swimming pool, spa, or fountain, add 6 fluid ounces of SANIBROM 202 Algicide directly to the water. Follow the Initial Treatment directions on the hydrogen peroxide product label. Do not mix SANIBROM 202 Algicide directly with hydrogen peroxide.

| Size of Pool, Spa, or Fountain | Amount of SANIBROM 202 Algicide |
|--------------------------------|---------------------------------|
| 10,000 gallons                 | 6 ounces                        |
| 15,000 gallons                 | 9 ounces                        |
| 20,000 gallons                 | 12 ounces                       |

Wait at least 1 hour after SANIBROM 202 Algicide treatment before entering pool or spa or follow the required waiting period for a product used with SANIBROM 202 Algicide if greater than 1 hour.

**MAINTENANCE TREATMENT** for pools, spas, and fountains using biguanide disinfection systems. Use bi-weekly, or as needed to keep water free of algae.

Add hydrogen peroxide as directed on product label for appropriate size of swimming pool, spa, or fountain. Separately, add 1 fluid ounce SANIBROM 202 Algicide for each 4 fluid ounces of hydrogen peroxide

| Amount of hydrogen peroxide Added | Amount of SANIBROM 202 Algicide to add |
|-----------------------------------|--|
| 8 fluid ounces                    | 2 fluid ounces                         |
| 12 fluid ounces                   | 3 fluid ounces                         |
| 16 fluid ounces                   | 4 fluid ounces                         |

Wait at least 1 hour after SANIBROM 202 Algicide treatment before entering pool or spa or follow the required waiting period for a product used with SANIBROM 202 Algicide if greater than 1 hour.

SANIBROM 202 Algicide is used to control and prevent algae growth and to maintain clear water in swimming pools, spas, and fountains using potassium monopersulfate [alternatively, we may use a trade name such as Oxone] as an activator:

**INITIAL TREATMENT** for pools, spas, and fountains using potassium monopersulfate to activate SANIBROM 202 Algicide

Use to start a preventative treatment program with SANIBROM 202 Algicide:

For each 10,000 gallons of water in swimming pool, spa, or fountain, add 6 fluid ounces of SANIBROM 202 Algicide directly to the water. To activate add 1 pound of potassium monopersulfate [alternatively, we may use a trade name such as Oxone] per 10,000 gallons of water. Wait at least 1 hour after SANIBROM 202 Algicide treatment before entering pool or spa or follow the required waiting period for a product used with SANIBROM 202 Algicide if greater than 1 hour.

**MAINTENANCE TREATMENT**

Use bi-weekly, or as needed to keep water free of algae. Separately, add 6 oz. of SANIBROM 202 Algicide and 1 pound of potassium monopersulfate [alternatively, we may use a trade name such as Oxone] per 10,000 gallons of water per week.

Wait at least 1 hour after SANIBROM 202 Algicide treatment before entering pool or spa or follow the required waiting period for a product used with SANIBROM 202 Algicide if greater than 1 hour.

**WINTERIZING AND SPRING STARTUP TREATMENT**

1. Add 12 oz. of SANIBROM 202 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 a chlorinating compound 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.

**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 waste 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**

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.

COMMENTS

Letter Dated:

MAR 21 2002

The Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide, registered under EPA Reg. No. 3377-54

# Sanibrom 202 Algaecide

3377-54

## 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 algaecide  
Broad spectrum algae preventative  
Algaecide  
**Kills** algae overnight and prevents it from returning

Non-foaming  
Non-staining  
No heavy metals

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

Compatible with all sanitizer systems  
For use with Biguanide Sanitizers  
Compatible with biguanide systems  
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 algaecide  
Bromine technology  
Patents pending  
For commercial use

*controls*

Ready to use

Non-toxic

**Kills** stubborn black and mustard algae

Reactivate by simply shocking pool

ACCEPTED  
WITH COMMENTS  
EPA Letter Dated:  
MAR 21 2002

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

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