

3377-72

10-16-2000

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg Number:

Date of Issuance

3377-72

Oct. 16, 2000

NOTICE OF PESTICIDE:

- Registration
- Reregistration

Term of Issuance:

Conditional and Time Limited
Expires October 16, 2001

Name of Pesticide Product:

Albrom 100 Disinfectant

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Albemarle Corporation
451 Florida Street
Baton Rouge, LA. 70801

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to the use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/re-registered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/re-registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Revise the EPA File symbol 3377-TE to EPA Registration Number 3377-72.
3. Submit a product specific hydrolysis study GDLN (161-1) within 4 months of the date of this letter.
4. List available percentages of bromine and chlorine under the ingredients.
5. Under Physical and Chemical Hazards, change Strong Oxidizing Agent to all capital letters.
6. A revised Confidential Statement of Formula must be submitted that agrees with label claim and the label must be revised accordingly: the percentage of Active is 96.4% and the percentage of Other is 3.6 %.
7. Correct the pagination on the label.

Page 1 of 2

Signature of Approving Official:

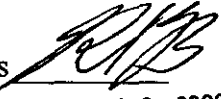
Robert S. Brennis
Product Manager 32

Date:

OCT 16 2000

This registration automatically expires on October 16, 2001. In order for the registration of this product to continue, data as described in item 3 must be submitted, reviewed, and found acceptable. The Agency will then reissue the registration.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. You must provide 3 copies of your revised label for our files.

PM-32 Initials 
OCT 16 2000

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ALBROM 100 DISINFECTANT

For Use In Disinfection of Pools, Spas and Hot Tubs

Active Ingredients		
1,3-dibromo-5,5-dimethylhydantoin	95.1%	96.4%
Other Ingredients	4.9%	3.6%
TOTAL	100.0%	

Available Chlorine % Available bromine %

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID

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 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 SWALLOWED: Call a 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

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

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

EPA Registration No. 3377- *TE*

EPA Establishment No.

Net Contents.....

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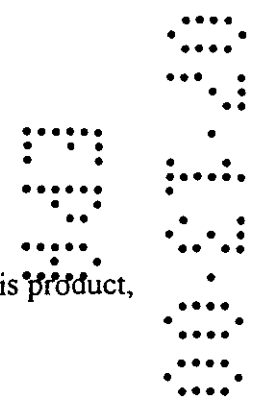
ACCEPTED
WITH COMMENTS

OCT 16 2000



451 Florida Street
Baton Rouge, LA 70801

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In case of emergency endangering life or property involving this product,
call collect (225) 344-7147

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DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with the labeling. Read entire label and use strictly in accord with precautionary statements and Directions for Use.

DISINFECTING SPAS AND HOT-TUBS

When used as directed, ALBROM 100 DISINFECTANT is an effective disinfectant for your spa or hot tub water, keeping it clean, clear, fresh and free of odor. ALBROM 100 DISINFECTANT gives the effectiveness of chlorine without the chlorine odor.

To start up a new spa or one recently drained, clean all surfaces, or clean the filter media. Balance the calcium hardness and total alkalinity, treat for iron, copper and manganese, if necessary. Adjust the pH to 7.2 - 7.6, prior to initiating treatment with ALBROM 100 DISINFECTANT.

Place ALBROM 100 DISINFECTANT in suitable feeder. Adjust the feeder according to the manufacturers directions to maintain a bromine level between 2 - 4 ppm in residential spas and 3 - 6 ppm in commercial spas. Check your feeder regularly and add additional product as needed. Maintenance of residual is dependent on water temperature, light intensity and bather load, and requires frequent checks with a test kit. Use a reliable test kit for the bromine measurements. The pump and filter should be operated at least three hours every day or daily as per manufacturer's instructions. Outdoor hot tubs and spas may require more frequent cleaning and treatment with ALBROM 100 DISINFECTANT.

To maintain clear, clean water and insure performance of your spa or hot tub chemicals, water should be drained and spa or hot tub refilled with fresh water every 60 days or as per spa manufacturer's instructions.

DISINFECTION OF SWIMMING POOLS

Initial Application

Ensure all equipment is working properly. Backwash or clean the filter following the manufacturer's directions. If necessary, chemically balance the calcium harness to 200 ppm and total alkalinity to 125 - 150 ppm. Adjust the pH to 7.2 - 7.6. Fill suitable feeder with ALBROM 100 DISINFECTANT. Adjust the feeder flow of water according to the manufacturer's directions to maintain a bromine residual between 1 - 4 ppm in the pool (approximate use rate of 0.5 ounces per 1000 gallons of water). Maintenance of residual is dependent on ambient temperature, light intensity and bather load, and requires frequent checks with a test kit. Use a reliable test kit to measure bromine residual. The pump and filter should be operated at least eight hours every day regardless of use. Outdoor pools may require longer filtering and consume higher amounts of ALBROM 100 DISINFECTANT.

ACCEPTED
with COMMENT
in EPA Letter Dated:
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Under the Federal Insecticide,
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Continued Application

Check the feeder periodically and refill with additional product. Adjust the feeder flow of water according to the manufacturer's directions to maintain a bromine level between 1 - 4 ppm in the pool. Use a reliable test kit for the bromine measurement. The pump and filter should be operated at least eight hours every day regardless of use. Outdoor pools may require longer filtering and consume higher amounts of ALBROM 100 DISINFECTANT.

Superoxidation: Water soluble, non-filterable wastes can accumulate in spa, hot tub and pool water causing dull or cloudy water and stimulating algae growth. Superoxidation with a suitable oxidizing shock treatment should be done on a regular basis to remove these wastes and maintain clear sparkling water. A suitable oxidizing agent is: *[ONE OR MORE OF THE FOLLOWING WILL APPEAR ON THE LABEL.]*

- ◆ Calcium hypochlorite *[alternatively the phrase "such as (trade name)" may be included.]*
- ◆ Lithium hypochlorite *[alternatively the phrase "such as (trade name)" may be included.]*
- ◆ Sodium dichloroisocyanurate *[alternatively the phrase "such as (trade name)" may be included.]*
- ◆ Sodium hypochlorite *[alternatively the phrase "such as (trade name)" may be included.]*
- ◆ Potassium peroxymonopersulfate *[alternatively the phrase "such as (trade name)" may be included.]*

When using other products as outlined in directions for this product, always follow directions on those products.

Do not directly mix this product in concentrated form with any other chemicals. Do not add other chemicals in the feeder when using this product. A violent reaction leading to fire and/or explosion could result.

Treatment levels of ALBROM 100 DISINFECTANT can best be measured with a test kit for bromine. Tests should be conducted immediately after drawing samples from the pool. Use a bromine test kit according to directions.

After application, ensure that the bromine level is below 7.5 ppm before reentering the spa, hot tub or pool.

To determine pool capacity: Rectangular Pools - Length times width times average depth (in feet) times 7.5 equals gallons. Round and Oval Pools - long diameter times short diameter times average depth (in feet) times 5.9 equals gallons.

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