

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

December 20, 2004

Ann M. Oxford
Manager, Regulatory Affairs
Albemarle Corporation
451 Florida Street
Baton Rouge, LA 70801

Subject: Albrom 100PC Disinfectant
EPA Registration No. 3377-61
Application Date: November 19, 2004
Receipt Date: November 22, 2004

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

- change in label layout

General Comments

Based on a review of the material submitted, the following comments apply:

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. Mitchell
Product Reviewer (32)
Regulatory Management Branch II
Antimicrobials Division (7510C)

CONCURRENCES

SYMBOL	7510C	7510C					
SURNAME	E. Berg	Mitchell					
DATE	12/20/04	12/20/04					

451 Florida Street
Baton Rouge, Louisiana 70801-1765

Telephone: 225-388-8011
Facsimile: 225-388-7686

Health, Safety, and Environment Department
Toxicology and Regulatory Affairs
Facsimile: 225-388-7046

Writer's Direct Dial Phone Number:
(225) 388-8111
e-mail: ann_oxford@albemarle.com

November 18, 2004

Document Processing Desk (NOTIF)
Office of Pesticide Programs – 7504C
U.S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1801 South Bell Street
Arlington, Virginia 22202-4501

ATTN: Robert Brennis, PM-32

Dear Mr. Brennis:

SUBJECT: Albrom 100PC Disinfectant, EPA Reg. No. 3377-61

Notification per PR Notice 98-10


This submission is to notify the EPA of a label change for Albrom 100PC Disinfectant, EPA Reg. No. 3377-61. This notification is consistent with PR Notice 98-10 Part II. Labeling Notifications, paragraph N "Other Revisions". Albemarle believes that the proposed notification is consistent with PR Notice 2001-1 First Aid Statements, is consistent with 40 CFR Part 156 and it does not involve a text change to the First Aid Statement.

Albemarle is notifying the Agency that the First Aid Statement may appear on side or back panels of the label. A reference statement for the location of the first aid information will be printed on the front panel, as prescribed by PR Notice 2001-1. This is change to the placement not the content of the first aid information.

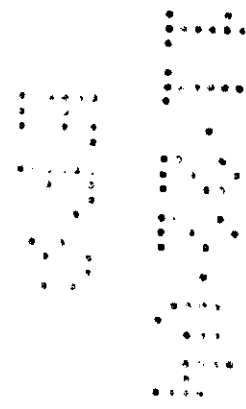
Per PR Notice 2001-1, products that are Toxicity Category I due to systemic effects must appear on the front panel. Albrom 100PC Disinfectant is not a systemic Category I product. Therefore, placement of the first aid statement on the side or back panel is not prohibited. EPA also states that they may "permit reasonable variations in the placement of the statement as long as a reference 'See first aid/statement of practical treatment on back panel' appears on the front panel. . ."

No other changes have been made since the last stamped accepted label dated December 16, 2003.

Sincerely,
ALBEMARLE CORPORATION


Ann M. Oxford
Manager, Regulatory Affairs

Enclosures: 2



3/11

ALBROM 100PC DISINFECTANT
EPA Reg. No. 3377-61

TRANSMITTAL DOCUMENT

SUBMITTER: Albemarle Corporation
attn: Ann Oxford
451 Florida Street
Baton Rouge, LA 70801

REGULATORY ACTION: NOTIFICATION: Label change to allow the first aid statement to be printed on the side or back panel of a label. A referral statement will be printed on the front panel per PR Notice 2001-1.

TRANSMITTAL DATE: November 18, 2004

SUBMITTED DOCUMENTS:

Administrative Materials

- * Application for Pesticide (EPA Form 8570-1)
- * One copy of the Albrom 100PC Disinfectant label highlighted with the changes

COMPANY OFFICIAL:



Ann M. Oxford, Manager, Regulatory Affairs
Albemarle Corporation
451 Florida Street
Baton Rouge, LA 70801
(225) 388-8111

<h1 style="margin: 0;">EPA</h1>	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number <p style="text-align: center;">3377-61</p>	2. EPA Product Manager <p style="text-align: center;">Product Manager 32</p>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
3. Company/Product (Name) <p style="text-align: center;">Albrom 100PC Disinfectant</p>	PM# <p style="text-align: center;">32</p>	
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 _____

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to
<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 a label change to the position of the first aid statement. The First Aid Statement may appear on side or back panels of the label. A reference statement for the location of the first aid information will be printed on the front panel, as prescribed by PR Notice 2001-1. This is change to the placement not the content of the first aid information. This notification is consistent with the provisions of PR Notice 2001-1, PR Notice 98-10 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 the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 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:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No * Certification must be submitted	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Unit Packaging wgt. No. per Container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Unit Package wgt. No. Per Container	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 12 - 1/2 to 1 lb packets, 1.5 - 2.0 lb tubs, 5 lb pails, 50 lb pails	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input checked="" type="checkbox"/> Other <u>plastic sleeve</u>			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application.)		
Name Ann M. Oxford	Title Manager, Regulatory Affairs	Telephone No. (Include Area Code) (225) 388-8111
I certify that the statements which I have made on this form and all attachments 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)
2. Signature 	3. Title Manager, Regulatory Affairs	
4. Typed Name Ann M. Oxford	5. Date November 19, 2004	

ALBROM™ 100PC DISINFECTANT

For Use In Disinfection of Pools, Spas and Hot Tubs and to Control Microbial Growth in
Decorative Waters

For Use in the Disinfection of Salon Foot Spas

Active Ingredient	
1,3-dibromo-5,5-dimethylhydantoin	99.4%
Other Ingredients	0.6%
Total	100.0%

Available bromine: 111%

KEEP OUT OF REACH OF CHILDREN
DANGER

See side/back panel for additional precautionary statements

EPA Registration No. 3377-61
EPA Est. 66397-OK-1, 58401-IL-1



451 Florida Street
Baton Rouge, LA 70801

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

Net Contents _____

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

DANGER

CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear chemical goggles or safety glasses, protective clothing and rubber gloves. May be fatal if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Harmful if absorbed through skin. Harmful if inhaled. Avoid breathing dust. Remove contaminated clothing and wash clothing separately before reuse.

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.

ENVIRONMENTAL HAZARDS *[for 50 pound packages and larger]*

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS

STRONG OXIDIZING AGENT. Do not mix with other chemicals. Mix only with water. Never add water to product, always add product to large quantities of water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter, or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases and possible generation of fire and explosion. In case of contamination or decomposition, do not reseal container. If possible, isolate container in open air or well ventilated area. Flood with large volumes of water, if necessary.

STORAGE AND DISPOSAL

STORAGE: Keep this product dry in original tightly closed container when not in use. Store in a cool, dry, well ventilated area away from heat or open flame. Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, or if decomposition occurs, isolate container and flood area with large amounts of water to dissolve all material before discarding this container.

CONTAINER DISPOSAL

(disposable feeding device with product inside) Do not reuse empty dispenser. Place in trash collection.

(small plastic jugs or pails) Do not reuse container, place in trash collection. Rinse thoroughly before discarding in trash.

(tear open pouches) Do not reuse bag. Discard in trash.

(plastic pails or drums 50 lb and larger) Triple rinse (or equivalent). Then offer for recycling or recondition, 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.

Note: Buyer assumes all responsibility for safety and use not in accordance with directions.

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

To start up a new spa or one recently drained, clean all surfaces, back flush or clean the filter, chemically balance the calcium hardness and total alkalinity, treat for iron, copper and manganese, if present. Adjust the pH to 7.2 - 7.8, prior to initiating treatment with ALBROM 100PC DISINFECTANT.

Place ALBROM 100PC DISINFECTANT in suitable feeder. Adjust the feeder according to the manufacturer's directions to maintain an active 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 regardless of use. Outdoor hot tubs and spas may require more frequent cleaning and treatment with ALBROM 100PC DISINFECTANT.

To maintain clear, clean water and ensure performance of your spa or hot tub chemicals, water should be drained and spa or hot tub refilled with fresh water every 60 days.

[The following directions for use will be only used to label a disposable feeding device with product inside.]

**DISINFECTING SPAS AND HOT TUBS WITH THE
[optional: BRAND NAME] DISPOSABLE DISPENSER**

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

To start up a new spa or one recently drained, clean all surfaces, back flush or clean the filter, chemically balance the calcium hardness and total alkalinity, treat for iron, copper and manganese, if present. Adjust the pH to 7.2 - 7.8, prior to initiating treatment with ALBROM 100PC DISINFECTANT.

Adjust the [Optional: BRAND NAME] dispenser according to the manufacturer's directions to maintain an active bromine level between 2 - 4 ppm in residential spas and 3 - 6 ppm in commercial spas. 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 method for the bromine measurements. The pump and filter should be operated at least three hours every day regardless of use. Replace the [Optional: BRAND NAME] dispenser when empty.

To maintain clear, clean water and ensure performance of your spa or hot tub chemicals, water should be drained and spa or hot tub refilled with fresh water every 60 days.

DISINFECTION OF SWIMMING POOLS

Initial Application

Ensure all equipment is working properly. Backwash the filter system following the manufacturer's directions. Chemically balance the calcium hardness to 200 ppm and total alkalinity to 100 - 150 ppm. Adjust the pH to 7.2 - 7.8. Fill suitable feeder with ALBROM 100PC DISINFECTANT. Adjust the flow of water into the feeder according to the manufacturer's directions to maintain an active bromine residual between 1 - 4 ppm as Br₂ 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 100PC DISINFECTANT.

Continued Application

Check the feeder weekly and refill with additional product. Adjust the flow of water into the feeder according to the manufacturer's directions to maintain an active bromine level between 1 - 4 ppm as Br₂ 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 100PC 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 or superchlorination 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 a trade name may be substituted.]*
- ◆ Lithium hypochlorite *[alternatively a trade name may be substituted.]*
- ◆ Sodium dichloroisocyanurate *[alternatively a trade name may be substituted.]*
- ◆ Sodium hypochlorite *[alternatively a trade name may be substituted.]*
- ◆ Potassium peroxymonopersulfate *[alternatively a trade name may be substituted.]*

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 100PC DISINFECTANT can best be measured with test kits for either bromine or chlorine. Tests should be conducted immediately after drawing samples from the pool. Use test kits according to directions.

1. When a bromine test kit is used, results can be read directly as ppm bromine
2. When a chlorine test kit is used, results can be expressed in terms of bromine by multiplying chlorine values by the conversion factor 2.25.

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.

Do not broadcast into pool.

DECORATIVE WATERS

When used as directed, this product effectively controls algal, bacterial, and fungal slime in lakes, ponds, ornamental ponds and fountains that do not contain fish or other aquatic fauna. To control microbial growth add a sufficient amount of this product to achieve and maintain a bromine residual 0.5 - 5 ppm or as needed to obtain control of the system. Using a dispensing device, adjust the device feed rate to assure a constant treatment level between 0.5 and 5 ppm residual bromine. Regular use of a test kit is necessary to maintain an appropriate bromine residual in the system.

DISINFECTING SALON FOOT SPAS

To start up a new spa or one recently drained, clean all surfaces with a suitable cleaning compound. Fill the spa with water. Adjust the pH to 7.2 to 7.8 prior to initiating treatment with Albrom 100PC Disinfectant. Add a 2-gram scoop of product to 5 to 8 gallons of foot spa water to achieve a 4-ppm bromine level. After each use empty and clean spa surfaces.

{Alternate use directions for above paragraph:}

To start up a new spa or one recently drained, clean all surfaces with a suitable cleaning compound. Fill the spa with water. Adjust the pH to 7.2 to 7.8 with [product name] prior to initiating treatment with Albrom 100PC Disinfectant. Add a 2-gram scoop of Albrom 100PC Disinfectant to 5 to 8 gallons of foot spa water to achieve a 4-ppm bromine level. After each use, empty and clean spa surfaces.

{Alternate directions if using a feeder rather than directly adding the product to spa water:}

Foot Spa Feeder Instructions:

To start up a new spa or one recently drained, clean all surfaces with a suitable cleaning compound. Fill the spa with water. Adjust the pH to 7.2 to 7.8 prior to initiating treatment with Albrom 100PC Disinfectant. Place Albrom 100PC Disinfectant in a suitable feeder. Adjust the feeder according to the manufacturer's directions to maintain an active bromine level of 4-ppm. Regularly check the feeder and add additional product as needed. After each use, empty and clean spa surfaces.

{Alternate feeder directions to above paragraph.}

To start up a new spa or one recently drained, clean all surfaces with a suitable cleaning compound. Fill the spa with water. Adjust the pH to 7.2 to 7.8 with [product name] prior to initiating treatment with Albrom 100PC Disinfectant. Place Albrom 100PC Disinfectant in a suitable feeder. Adjust the feeder according to the manufacturer's directions to maintain an active bromine level of 4-ppm. Regularly check the feeder and add additional product as needed. After each use, empty and clean spa surfaces.

ALBROM 100PC DISINFECTANT

EPA Reg. No., 3377-61

Optional marketing statements

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

For Use with Vinyl Lined Pools	Suitable for use with alternative devices such as ionizers, electrolysis and mineral feeders
For Use in All Pools	
For above-ground and in-ground pools	
Ideal for all pool surfaces	
Ideal for all pool and spa surfaces	Bromine disinfectant
Ideal for all pool, spa and hot tub surfaces	Bromine disinfectant and clarifier
Ideal for all spa and hot tub surfaces	Disinfectant and algistat
Ideal for above-ground pools	Disinfectant and algaecide
Ideal for vinyl pool surfaces	Bromine technology
Safe for all pool surfaces	Single step
Safe for all spa surfaces	One step disinfecting system
Safe for all pool and spa surfaces	
Safe for all pool, spa and hot tub surfaces	Patented
Safe for all spa and hot tub surfaces	Patents pending
For all pool surfaces	
For Spas & Hot tubs	For commercial use
	Slow dissolving nuggets
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)	100% chlorine-free
	Chlorine-free
	Contains no chlorine
	No chlorine odor
	No chlorine smell
	No chloramines
Easy to use	
Easy and convenient	
Convenient to use	Low odor
Easy, single-step bromine disinfectant	
Non-foaming	Kills E. coli and Enterococcus faecium
Non-staining	Kills E. coli
No heavy metals	Kills Enterococcus faecium
	Kills bacteria such as E. coli and Enterococcus faecium
Oxidizes and clarifies for beautiful water	
Oxidizes and clarifies for clean, clear water	
Clarifies	
For routine disinfection and clarification	Suitable for use in all salon foot spas
Keeps water clear	For salons that care about their customers
Provides Crystal Clear Water	
For Clear, Clean Water	
No more algae stains	
Sparkling, clear water	
Restores water sparkle	
Clear, clean water	
Disinfects, clarifies, and protects	
For application in feeders and floaters	