



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

FEB - 9 2011

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Ann M. Oxford
Albemarle Corporation
451 Florida Street
Baton Rouge, Louisiana 70801-1765

FILE COPY

Subject: Albrom 100PC Disinfectant
EPA Registration No.: 3377-61
Notification Date: 01/26/2011
EPA Receipt Date: 01/28/2011

Proposed Notification

- Inclusion of alternative statement "or floater" on page 3 and 4

General Comments

Based on a review of the submitted materials, your notification for the inclusion of the alternative statement "or floater" on page 3 and 4, is acceptable and has been made a part of your file.

Should you have any questions or comments concerning this letter, you may contact me by telephone at (703) 308-6345 or by e-mail at henson.wanda@epa.gov or Jaclyn Carl at (703) 347-0213 or by email at carl.jaclyn@epa.gov. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,

A handwritten signature in black ink that reads "Wanda Henson".

Wanda Henson
Acting Product Manager (32)
Regulatory Management Branch II
Antimicrobials Division (7510P)

3/10

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

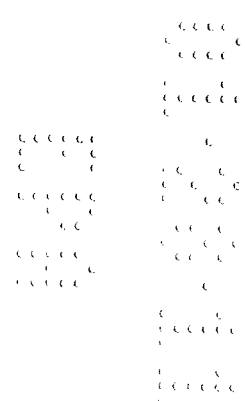
EPA Registration No. 3377-61
EPA Est.: _____

ALBEMARLE CORPORATION
451 Florida Street
Baton Rouge, LA 70801

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

[Alternate statement: In case of medical emergency involving this product, call 800-xxx-xxxx]

Net Contents _____



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, this product [or use brand name] is an effective disinfectant for your spa or hot tub water, keeping it clean, clear and free of odor. This product gives the effectiveness of chlorine without the chlorine odor. Take a sample of spa water to your authorized [brand] dealer regularly for a detailed analysis.

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 this product.

* Place this product in suitable feeder [or floater]. Adjust the feeder [or floater] 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 [or floater] 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 this product. *

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 [insert the brand name of the disposable dispenser]

When used as directed, this product [or use brand name] is an effective disinfectant for your spa or hot tub water, keeping it clean, clear and free of odor. This product gives the effectiveness of chlorine without the chlorine odor. Take a sample of spa water to your authorized [brand] dealer regularly for a detailed analysis.

Start Up: 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 this product.

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.

Maintenance: 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 [or floater] with this product. Adjust the flow of water into the feeder [or floater] 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 this product.

Continued Application

* Check the feeder [or floater] weekly and refill with additional product. Adjust the flow of water into the feeder [or floater] 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 this product. *

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 this product 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 this product [or use brand name]. 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 this product [or use brand name]. 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 use directions if using a tear-open packet}

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 this product [or use brand name]. Add contents of [brand name] packet to the foot spa water (5 to 8 gallons) 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:}

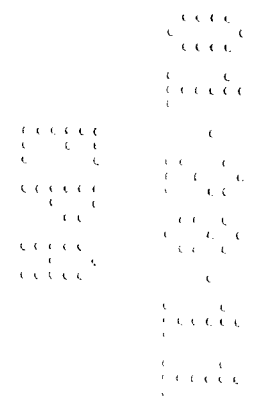
Foot Spa Feeder Instructions:

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 this product [or use brand name]. Place this product 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 this product [or use brand name]. Place this product 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.

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



STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Keep this product dry in original tightly closed container when not in use. Store in a cool (<120°F), dry, well-ventilated area away from heat or open flame.

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 [commercial]

[bag or super sack] Offer for recycling, if available. Completely empty bag/super sack. If possible, shake bag/super sack to remove as much residue as possible. Dispose of empty bag/super sack in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

[50 pound pail] Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Offer for recycling, if available. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into pool or spa. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Batch Number: _____

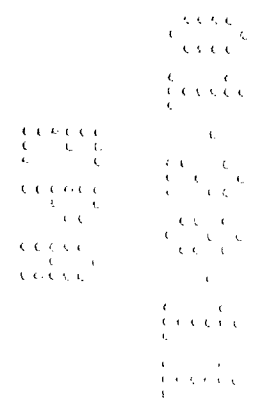
CONTAINER DISPOSAL [residential/household]

[tear open 1 – 2 pound pouches] Do not reuse bag. Discard in trash.

[disposable feeding device with product inside] Do not reuse empty dispenser. Discard in trash.

[small plastic jugs, plastic pails 50 lb and less] Nonrefillable container. Do not reuse or refill this container. Rinse empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling, if available.

[box containing tear-open packets] Dispose of empty packets in trash. Discard box when empty.



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
For Use in All Pools
For above-ground and in-ground pools
Ideal for all pool surfaces
Ideal for all pool and spa surfaces
Ideal for all pool, spa and hot tub surfaces
Ideal for all spa and hot tub surfaces
Ideal for above-ground pools
Ideal for vinyl pool surfaces
Safe for all pool surfaces
Safe for all spa surfaces
Safe for all pool and spa surfaces
Safe for all pool, spa and hot tub surfaces
Safe for all spa and hot tub surfaces
For all pool surfaces
For Spas & Hot tubs

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
Easy, single-step bromine disinfectant

Non-foaming
Non-staining
No heavy metals

Oxidizes and clarifies for beautiful water
Oxidizes and clarifies for clean, clear water
Clarifies
For routine disinfection and clarification
Keeps water clear
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

Suitable for use with alternative devices such as ionizers, electrolysis and mineral feeders

Bromine disinfectant
Bromine disinfectant and clarifier

Disinfectant and Algistat
Disinfectant and algaecide
Bromine technology
Single step
One step disinfecting system

Patented
Patents pending

For commercial use

Slow dissolving nuggets

100% chlorine-free
Chlorine-free
Contains no chlorine
No chlorine odor
No chlorine smell
No chloramines

Low odor

Kills E. coli and Enterococcus faecium
Kills E. coli
Kills Enterococcus faecium
Kills bacteria such as E. coli and Enterococcus faecium

Step 1: Add [brand name Scale Control]
Step 2: Add [brand name Oxidizer]
Step 3: Add [brand name Disinfectant/Sanitizer]

Customer Helpline toll-free number
Toll Free

Call 7 days a week with your questions concerning pool water care. 8:00 am – 10:00 pm Eastern Time

Call 7 days a week with your questions concerning spa/hot tub water care. 8:00 am – 10:00 pm Eastern Time

