

6836-116

7/7/2014

1/12



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Leigh Ann Richardson
Lonza Inc.
1200 Bluegrass Lakes Pkwy.
Alpharetta, GA. 30004

JUL 7 2014

Subject: Dantabrom S
EPA Reg. No. 6836-116
Application Date: May 30, 2014
Receipt Date: June 2, 2014

Dear Ms. Richardson:

This acknowledges receipt of your notification, submitted under the provision of PR Notice 98-10, FIFRA section 3(c)9.

Proposed Notification:

- To add Brominating Sanitizer to the label
- Add three step system instructions
- Add graphic for the three step system
- Add POOLIFE (Towel and Flip Flops) graphic

General Comments:

Based on a review of the material submitted, the following comment applies:

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 Henson.Wanda@epa.gov or call (703) 308-6345.

Sincerely,

A handwritten signature in black ink, appearing to read "Wanda Y. Henson".

Wanda Y. Henson (Team 32)
Environmental Protection Specialist
Regulatory Management Branch II
Antimicrobials Division (7510P)

2/12

EPA	Unit 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 6836-116	2. EPA Product Manager Demson Fuller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Dantobrom S	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) Lonza, Inc. 1200 Bluegrass Lakes Pkwy Alpharetta, GA 30004		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
<input type="checkbox"/> Check if this is a new address		

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<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.)

Not Subject to PRIA

Label Notification to request the addition of new optional statements to label. Refer to cover letter for details.

This notification is consistent with the provisions of 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 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.

Signature: *Leigh Ann Richardson*

Date: **5/30/2014**

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input checked="" type="checkbox"/> Yes* <input type="checkbox"/> No *Certification must be submitted	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
	If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		<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 checked="" type="checkbox"/> Container		4. Size(s) Retail Container various		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input checked="" type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name Leigh Ann Richardson	Title Sr. Regulatory Associate	Telephone No. (Include Area Code) 678-624-5894
Certification I certify that the statements I have made on this form and all attachments thereto 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 <i>Leigh Ann Richardson</i>		
3. Title Sr. Regulatory Associate		
4. Typed Name Leigh Ann Richardson		
5. Date 5/30/2014		

Note to reviewer:
[Items in brackets [AAA] are optional and may/may not be included on final label]
{Items in braces {AAA} are for information purposes and will not appear on final label}

DANTOBROM™ S

BROMINATING DISINFECTANT FOR [SPAS][,] [HOT TUBS] [AND] [POOLS]

[Step 2 – Maintain]

Active Ingredients:

1-bromo-3-chloro-5,5-dimethylhydantoin	54.2%
1,3-dichloro-5,5-dimethylhydantoin	28.9%
1,3-dichloro-5-ethyl-5-methylhydantoin	15.9%
Other Ingredients:	1.0%
Total:	100.0%

Total Available Halogen as Bromine: 141%
[and/or]
Total Available Halogen as Chlorine: 62.8%

KEEP OUT OF REACH OF CHILDREN

DANGER [PELIGRO]

See [side] [back] [right] [left] panel for additional Precautionary Statements and First Aid

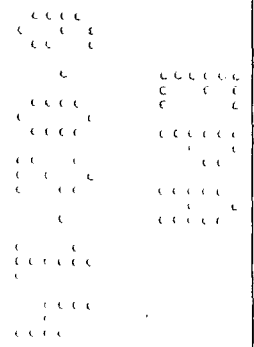
EPA Reg. No. 6836-116
EPA Est. No. 6836-PA-01
Net Weight: (as indicated on the container)

[DOT Symbols]
[Country of origin (insert country)]
[Manufactured in (insert country)]
[Barcode]

NOTIFICATION
Date Reviewed: 7-1-14
Reviewed By: MA

Lonza Inc.
90 Boroline Road
Allendale, NJ 07401

Emergency Contact Number: (_____)



Note to reviewer:

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: HIGHLY CORROSIVE. Causes irreversible eye damage and skin burns. May be fatal if swallowed. Do not take internally. Irritating to nose and throat. Avoid breathing dust. Use with adequate ventilation. Do not get into eyes, on skin or on clothing. Wear protective clothing, chemical resistant gloves and protective eyewear (goggles, face shield or safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

FIRST AID

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.

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.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes.

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 the 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 by mouth-to-mouth, if possible.

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

ENVIRONMENTAL HAZARDS

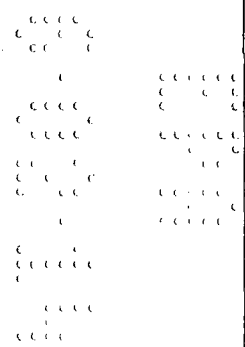
This pesticide is toxic to fish.

~~{Note to reviewer: If container size is 50 lbs. or larger, the following statements will also be used:}~~

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 Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS

CHEMICAL HAZARD. STRONG OXIDIZING AGENT. Mix only with 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 re-seal container. If possible, isolate container in open air or well-ventilated area. Flood with large volumes of water if necessary.



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{Note to reviewer: The following is considered optional marketing language:}

Total available halogen content as bromine..... 140%

- o Tablet shape fits all floaters
- o High level of active halogen (bromine)
- o Improved bather comfort
- o No bleaching of hair or bathing suits
- o Doesn't reduce pH or affect hardness
- o [Very] low odor
- o Low dust tablets
- o Ideal for [spa] [/] [hot tub] sanitizing
- o Works with inline or floating feeders
- o Ideally suited for floater type feeders
- o Fits all floaters
- o Creates soft water feel
- o No chlorine odor
- o Effective pool sanitizer
- o Sanitizer
- o Disinfects pool water
- o Step 1: Balance
- o Step 2: Sanitize *{sanitize would be the highlighted step}*
- o Step 3: Shock
- o Step 4: Prevent Algae
- o Brominating Sanitizer

hth spa product guide
 Maintain
 Step 1
 Step 2
 Step 3
 Enhance
 Prevent



8/12

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[[Brand or POOLIFE] 3-Step System]

{The "[Brand or POOLIFE] 3-Step System" below may be placed on the label to allow easy product identification by consumers.}

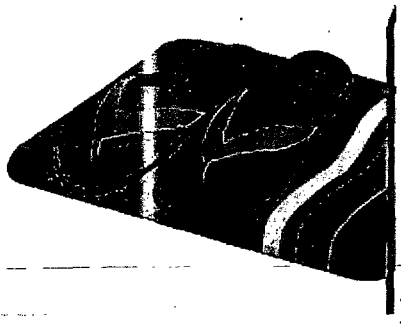
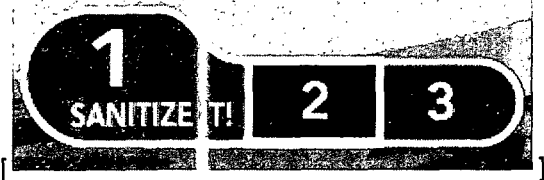
[[Brand or POOLIFE] 3-Step System:

[Step] 1 [Sanitize [It!]]

[Step] 2 [Shock [It!]]

[Step] 3 [Defend [It!]]

{Graphic rendering of the above 3 steps}



[-----]

Dantobrom S

EPA Reg. No. 6836-116

EPA Stamped Label 3-7-11 w/ 2/27/12, 5/8/12, 7/30/12, 1/23/13 & 3/7/13 Notifications

Proposed label 5/14/2014

9112

Note to reviewer:

[Items in brackets [AAA] are optional and may/may not be included on final label]

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[WHY YOU SHOULD USE THIS PRODUCT]

DANTOBROM S is a form of brominating hydantoin for [spas][,] [hot tubs] [and] [pools]. It is easily adapted to many erosion feeders used to automatically treat both commercial and residential [spas][,] [hot tubs] [and] [pools].

When used as directed, **DANTOBROM S** will disinfect [spa][,] [hot tub] [and] [pool] water, keeping it clean, clear and free of odor. **DANTOBROM S** gives the effectiveness of chlorine without the chlorine odor. Proper sanitary practices require [changing spa water at a minimum of every 30 days] [and] [properly monitoring pool water conditions.]

DIRECTIONS FOR USE

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

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

Re-entry into treated [pools] [and] [spas] is prohibited above levels of 8 ppm due to risk of bodily injury.

[SPA DIRECTIONS]

NOTE: Before using **DANTOBROM S** in your spa or hot tub for the first time, add 1/2 ounce of sodium bromide per 100 gallons of water to establish a 30 ppm bromide concentration. Also, add sodium bromide at this dosage whenever the spa or hot tub is drained and refilled. The bromide addition ensures immediate establishment of an all-bromide system, eliminates chlorinous odors and maximizes skin and eye comfort.

SPA OR HOT TUB START UP:

To start up a new spa or hot tub, or one recently drained, clean all surfaces, backflush or clean the filter, chemically balance the calcium hardness and total alkalinity, treat for metals if present (iron, copper and manganese), and adjust the pH to 7.2 - 7.8.

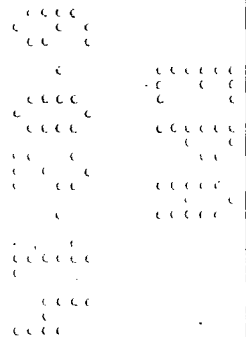
Using a suitable feeder adjusted according to the manufacturer's directions, add **DANTOBROM S** to maintain an active bromine concentration of 2 to 4 ppm in residential spas and 3 to 6 ppm in commercial spas. Use a reliable test kit to monitor for bromine regularly.

DANTOBROM S usage will typically vary from 0.015 to 0.10 pound for every 300 gallons of spa water to maintain the recommended bromine concentration range.

The presence of organic debris, high bather use and other factors may require a higher dosage.

SUPEROXIDATION:

Water soluble, non-filterable wastes can accumulate in spa or hot tub water and cause dull or cloudy water and can stimulate algal growth. Superoxidation or superchlorination with a suitable oxidizing shock treatment must be done on a regular basis to remove these wastes and maintain clear sparkling water. [Suitable oxidizing agents are those based on calcium hypochlorite, lithium hypochlorite, sodium hypochlorite or potassium peroxymonopersulfate.]



1912

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[POOL DIRECTIONS]
TO START UP A NEW POOL, OPEN A POOL FOR THE SEASON OR CONVERT FROM A CHLORINE BASED PROGRAM:

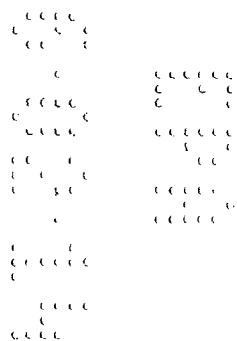
Backflush or clean the filter, chemically balance the calcium hardness and alkalinity and adjust pH to 7.2 to 7.8. Superoxidate to obtain a residual of 10 to 20 ppm available bromine [5 to 10 ppm available chlorine] as determined by a suitable test kit. Swimming may begin when the bromine level drops below 8 ppm.

When the bromine level drops below 1 to 3 ppm, add 0.2 to 2.0 ounces of **DANTOBROM S** per 1000 gallons daily, or as needed. Use a suitable feeder device adjusted according to the manufacturer's instructions so as to maintain 1 to 3 ppm available bromine. Use a reliable test kit to monitor for bromine regularly. Maintain the pool water pH between 7.2 and 7.8.

High temperatures, the presence of organic debris, high bather use and other factors may require more frequent treatments.

SUPEROXIDATION:

Water soluble, non-filterable wastes can accumulate in pool water and cause dull or cloudy water and can stimulate algal growth. Superoxidation or superchlorination with a suitable oxidizing shock treatment must be done weekly or bi-weekly, after extremely heavy bather loads or heavy rain storms. [Suitable oxidizing agents are those based on calcium hypochlorite, lithium hypochlorite, sodium hypochlorite or potassium peroxymonopersulfate.]



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{Note to reviewer: For Refillable Containers, Commercial/Industrial/Institutional Uses, Product is non-dilutable solid}

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Refillable container. Refill this container with (this product) only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller.

{Metal and plastic containers:} Attach tamper evident devices [seals] to all openings, except vents, and return to the manufacturer for refilling.

{Tote Containers:} Empty tote container must be returned to a tote collection agent.

{Plastic drums and liners:} Attach tamper evident devices [seals] to all drum openings, except vents, and return the drum to the manufacturer for refilling.

PESTICIDE STORAGE: Keep container tightly closed. Store in a cool, dry, well-ventilated place. Do not store in direct sunlight. Do not store at temperatures above 100°F.

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 cannot be disposed of by use according to the label instructions contact your State pesticide or environmental control agent or the hazardous waste representative at the nearest EPA regional office for guidance.

FINAL CONTAINER DISPOSAL: Cleaning the container before final disposal is the responsibility of the person disposing of the container.

{Metal and plastic containers:} To clean the container before final disposal empty remaining contents from container for use according to use directions and triple rinse promptly after emptying. Triple rinse (or equivalent).

{Tote Containers:} To clean the container before final disposal empty remaining contents from container for use according to use directions and triple rinse promptly after emptying. Triple rinse (or equivalent). For additional container disposal information, contact product supplier.

{Plastic drums and liners:} Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Offer for recycling, if available or dispose of liner in a sanitary landfill or incinerate if allowed by State and local authorities.

