

6836-251

12/16/2009

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



United States
Environmental Protection
Agency

Office of Pesticide Programs

DEC 16 2009

Joanna Holcombe
Lonza Inc.
90 Boroline Road
Allendale, NJ 07401

FILE COPY

Subject: Dantobrom S Granular
EPA Registration No. 6836-251
Application Date: November 19, 2009
Receipt Date: November 20, 2009

Dear Ms. Holcombe:

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

Proposed Notification:

- Revision to Storage and Disposal statement per PR Notice 2007-4

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 (703) 308-6345.

Sincerely,

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

| | | |
|---|--|-----------------------|
| EPA United States Environmental Protection Agency Washington, DC 20460 | <input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other | OPP Identifier Number |
|---|--|-----------------------|

Application for Pesticide - Section I

| | | |
|---|--|--|
| 1. Company/Product Number 6836-251 | 2. EPA Product Manager Emily Mitchell | 3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name) Dantobrom S Granular | PM# 32 | |
| 5. Name and Address of Applicant (Include ZIP Code) Lonza Inc. 90 Boroline Road Allendale, NJ 07401 <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 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.)

Notification of label change to update Storage and Disposal per PR Notice 2007-4 *Not Subject to PRIA*

This notification is consistent with the provisions of PR Notice 98-10 and 2007-4 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 may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

Signature: Joanna Holcombe/er Date: 11-19-09

Section - III

| | | | | | |
|--|---|-----------------------------|--|---|--|
| 1. Material This Product Will Be Packaged In: | | | | 2. Type of Container | |
| Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No <i>*Certification must be submitted</i> | Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | | Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | | <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) |
| | If "Yes" | No. per container | If "Yes" | No. per container | |
| 3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container | | 4. Size(s) Retail Container | | 5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product | |
| 6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input 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 Joanna Holcombe | Title Sr. Commercial Regulatory Services Associate | Telephone No. (Include Area Code) 201-316-9297 |

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.

| | | |
|---|---|---|
| 2. Signature <u>Joanna Holcombe/er</u> | 3. Title Sr. Commercial Regulatory Services Associate | 6. Date Application Received <div style="text-align: center; border: 1px solid black; padding: 5px;">(Stamped)</div> |
| 4. Typed Name Joanna Holcombe | 5. Date November 19, 2009 | |



Via FedEx

Ms. Emily Mitchell, PM-32
Document Processing Desk (NOTIFY)
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

Lonza Inc
Allendale
90 Boroline Road
Allendale, NJ 07401, USA

Joanna Holcombe
Lonza Life Science Ingredients
Commercial Regulatory Services

Tel 201-316-9297
Fax 201 696-3470
Joanna.holcombe@lonza.com

November 19, 2009

**SUBJECT: Dantobrom S Granular
EPA Registration No. 6836-251
Application for Label Notification**

Dear Ms. Mitchell:

The Purpose of this notification is to add the following:

Update Storage and Disposal per PR Notice 2007-4

Please find enclosed the following documents in support of this label notification:

- Application for Pesticide Notification
- One copy of the label with changes highlighted
- Two copies of the draft label

If you have any questions or need any additional information, please feel free to contact me at 201-316-9297.

Sincerely,
Lonza Inc.

Joanna Holcombe
Sr. Commercial Regulatory Services Associate

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. 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.

DANTOBROM® S GRANULAR

**BROMINATING DISINFECTANT
FOR SPAS, HOT TUBS AND POOLS**

Active Ingredients:

| | |
|--|-------------|
| 1-bromo-3-chloro-5,5-dimethylhydantoin | 60.0% |
| 1,3-dichloro-5,5-dimethylhydantoin | 27.4% |
| 1,3-dichloro-5-ethyl-5-methylhydantoin | 10.6% |
| Other Ingredients: | <u>2.0%</u> |
| Total | 100.0% |

Available bromine..... 39.2%
Available chlorine 44.4%

KEEP OUT OF REACH OF CHILDREN

DANGER

See side / back / right / left panel for Precautionary Statements and First Aid

EPA Reg. No. 6836-251
EPA Est. No. 6836-PA-01
Net Weight *(as marked on container)*

LONZA INC.,
17-17 Route 208, Fair Lawn, NJ 07410

Emergency Contact Number: (_____)

NOTIFICATION

Date Reviewed: *12/16/09*
Reviewed By: *[Signature]*

DANTOBROM S GRANULAR 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 and hot tubs.

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

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.

NOTE: Before using **DANTOBROM S GRANULAR** in your spa or hot tub for the first time, add 4.6 fl. oz. of a 32% sodium bromide solution (or 0.09 lbs [1-1/2 ounces] of solid sodium bromide) per 300 gallons of water to establish a 30 ppm bromide concentration. 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 eyes comfort.

SPA DIRECTIONS

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 Granular 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 Granular 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 the water and cause dull or cloudy water and can stimulate algal growth. Superoxidation or superchlorination with a suitable oxidizing shock treatment should be performed on a regular basis to remove these materials and maintain clear, sparkling water. Suitable oxidizing agents are those based on calcium hypochlorite, lithium hypochlorite, sodium hypochlorite or potassium peroxymonopersulfate.

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 the pH to 7.2 - 7.8. Superoxidate to obtain a residual of 10 - 20 ppm available bromine (5 - 10 ppm as available chlorine) as determined by a suitable test kit. Swimming may begin when the bromine level drops below 6 ppm.

Using a suitable feeder adjusted according to the manufacturer's instructions, add **DANTOBROM S GRANULAR** to maintain 1 - 3 ppm as bromine. Use a reliable test kit to monitor for bromine regularly. Maintain the pool water pH between 7.2 and 7.8.

Dantobrom S Granular usage will typically vary from 1 to 2 pounds per week for every 10,000 gallons of water to maintain 1 to 3 ppm bromine.

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 should 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.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep container tightly closed. Store in a cool, dry, well ventilated place that is inaccessible to children. Do not store at elevated temperatures. 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.

CONTAINER DISPOSAL:

Nonrefillable container. Do not reuse or refill this container.

(Metal and plastic containers): Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate or burn, if allowed by state and local authorities. If burned, stay out of smoke.

(Fiber drums and liners): Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Then dispose of liner and drum in a sanitary landfill or incinerate if allowed by state and local authorities. Do not reuse empty drum or liner.