

6836-113

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August 12, 2003

Robert J. Sloan  
Sr. Regulatory Services Associate  
LONZA, Inc.  
17-17 Route 208  
Fair Lawn, NJ 07410

Subject: Dantochlor RW  
EPA Registration No. 6836-113  
Application Date: July 14, 2003  
Receipt Date: July 21, 2003

Dear Mr. Sloan:

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

**Proposed Notification**

- addition to pesticide storage statement

**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 Mitchell  
Product Manager 32  
Regulatory Management Branch II  
Antimicrobials Division (7510C)

CONCURRENCES							
SYMBOL	7510C	7510C					
SURNAME	E. Berg	Mitchell					
DATE	8/12/03	8-12-03					

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Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060. Approval expires 2-28-95

 United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number 281174
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**Application for Pesticide - Section I**

1. Company/Product Number 6836-113	2. EPA Product Manager Velma Noble	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Dantochlor RW	PM# Team 31 <sup>3</sup> <sub>2</sub>	
5. Name and Address of Applicant (Include ZIP Code) LONZA, Inc. 17-17 Route 208 Fair Lawn, NJ 07410  <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**

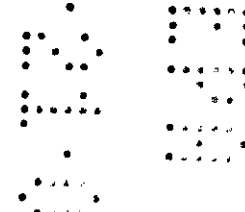
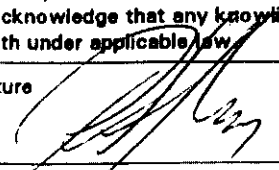
<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
 Addition to Pesticide Storage Statement

**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	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) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	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"/>			
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Robert J. Sloan	Title Sr. Regulatory Services Associate	Telephone No. (Include Area Code) (201) 794-2610	
<b>Certification</b> 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 	3. Title Sr. Regulatory Services Associate		
4. Typed Name Robert J. Sloan	5. Date 7/14/03		

Document Processing Desk (AMEND)  
Office of Pesticide Programs (7504C)  
U.S. EPA  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

**Attention: Wanda Mitchell**

Lonza Inc  
17-17 Route 208  
Fair Lawn, NJ 07410, USA

**Robert J. Sloan**  
Performance Chemicals  
Regulatory Services

Phone: (201) 794-2610  
Fax: (201) 696-3569  
bob.sloan@lonza.com

July 14, 2003

**Dantochlor RW**

**EPA Reg. No. 6836-113**

Notification of Change in Storage and Disposal Statement per PR Notice 98-10, section II.G

Dear Ms. Mitchell,

Lonza is submitting a **Notification of Change in the Pesticide Storage Statement**. Lonza is adding the following sentences to that section of the product label.

1. Do not store in direct sunlight.
2. Do not store at temperatures above 100° F.
3. Do not store on side. Avoid creasing or impacting of side walls.

In support of this amendment, enclosed are the following:

1. EPA Form 8570-1, Application for Pesticide Amendment, OPP ID No. 281174.
2. One copy of our letter dated 6/10/03.
3. Six copies of the proposed label with one copy highlighted for ease of review.

**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.**

If you have any questions, please call me at 1-800-777-1875, ext. 2610.

Sincerely yours  
Lonza Inc

  
Robert J. Sloan  
Sr. Regulatory Services Associate

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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 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. 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 reseal container. If possible, isolate container in open air or well-ventilated area. Flood with large volumes of water, if necessary.

**DANTOCHLOR RW**

Contents: BRIQUETTES

Active Ingredients:

1,3-dichloro-5,5-dimethylhydantoin .....	81.1%
1,3-dichloro-5-ethyl-5-methylhydantoin .....	16.1%
Other Ingredients .....	2.8%
Total.....	100.0%

Minimum available chlorine - 68.0%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

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

EPA Reg. No. 6836-113

Est. No. 6836-PA-1

Net weight: *(as indicated on container)*

LONZA INC.

17-17 Route 208, Fair Lawn, NJ 07410

Emergency Contact Number: ( \_\_\_\_\_ )

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with the labeling. For industrial use only.

**RECIRCULATING COOLING WATER SYSTEMS AND SEWAGE SYSTEMS**

DANTOCHLOR RW aids in the control of bacterial, fungal and algal slimes in evaporative condensers, heat exchange water towers, influent systems such as flow through filters, industrial water scrubbing systems, brewery pasteurizers and sewage systems (septic tanks, leach fields, tank lines, sewers, lagoons, and sewage effluent water).

This product may be added to the systems either continuously or intermittently or as needed. The frequency of feeding and duration of the treatment will depend upon the severity of the problem.

**BADLY FOULED SYSTEMS** must be cleaned before treatment is begun.

**FOR CONTROL OF BACTERIA AND FUNGI INTERMITTENT OR SLUG METHOD**

**INITIAL DOSE:** When the system is noticeably fouled add 0.1 to 1.0 pound per 1000 gallons (or 12 to 120 ppm) of the water in the system. Repeat until control is achieved.

**SUBSEQUENT DOSE:** When microbial control is evident add 0.1 to 0.75 pounds per 1000 gallons. (or 12 to 90 ppm) of water in the system every 3 days or as needed to maintain control.

**CONTINUOUS FEED METHOD**

**INITIAL DOSE:** When a system is noticeably fouled, add 0.1 to 1.0 pound per 1000 gallons (or 12 to 120 ppm) of water in the system.

**SUBSEQUENT DOSE:** Continuously feed to maintain dosage of 0.1 to 0.75 pounds per 1000 gallons (or 12 to 90 ppm) of water in the system.

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**FOR CONTROL OF ALGAE INTERMITTENT OR SLUG METHOD**

**INITIAL DOSE:** When the system is noticeably fouled add 0.1 to 1.0 pound per 1000 gallons (or 12 to 120 ppm) of water in the system. Repeat until control is achieved.

**SUBSEQUENT DOSE:** When algae control is evident add 0.1 to 0.75 pounds per 1000 gallons (or 12 to 90 ppm) daily or as needed to maintain control.

**CONTINUOUS FEED METHOD**

**INITIAL DOSE:** When the system is noticeably fouled add 0.1 to 1.0 pound per 1000 gallons (or 12 to 120 ppm) of water in the system. Repeat until control is achieved.

**SUBSEQUENT DOSE:** Continuously feed to maintain a dosage of 0.1 to 0.75 pounds per 1000 gallons (or 12 to 90 ppm) of water in the system.

**AIRWASHERS**

For use only in industrial airwasher systems that maintain effective mist eliminating components.

DANTOCHLOR RW controls slime forming bacteria, fungi and algae in industrial airwasher systems. Add this product at the rate of 0.1 to 1.0 pound (12 to 120 ppm) per 1000 gallons of water in the system, depending upon the severity of the contamination.

Control the application by measuring the free chlorine residual in the treated water. There is no need to exceed 1.0 ppm as free chlorine.

Badly fouled systems must be cleaned before treatment is begun.

**INTERMITTENT OR SLUG METHOD**

**INITIAL DOSE:** When system is noticeably fouled add to airwasher sump or chill water sump to insure uniform mixing.

Add 0.1 to 1.0 pounds per 1000 gallons (or 12 to 120 ppm) of water.

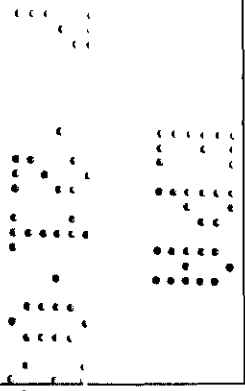
**SUBSEQUENT DOSE:** When microbial control is evident add 0.1 to 0.6 pounds per 1000 gallons (or 12 to 72 ppm) of water.

**CONTINUOUS FEED METHOD**

**INITIAL DOSE:** When system is noticeably fouled add to airwasher sump or chill water sump to insure uniform mixing.

Add 0.1 to 1.0 pound per 1000 gallons (or 12 to 120 ppm) of water.

**SUBSEQUENT DOSE:** When microbial control is evident add 0.1 to 0.6 pounds per 1000 gallons (or 12 to 72 ppm) of water.



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**ONCE-THROUGH INDUSTRIAL  
COOLING WATER SYSTEMS**

When used as directed, this product effectively controls algal, bacterial and fungal slimes in open or closed-cycle, fresh or salt water, once-through cooling systems. Treat cooling water with this product at the system intake or other critical areas, where mixing is uniform.

**DOSAGE RATES**

**INITIAL DOSE:** When system is noticeably fouled, add 0.2 - 0.6 pounds per 1000 gallons of water contained in the system. Repeat initial dosage until one to three ppm (mg/L) chlorine residual is established for at least 4 hours.

**SUBSEQUENT DOSE:** When microbial control is evident, add 0.1 to 0.3 pounds per 1000 gallons of water contained in the system. Repeat as needed to maintain one to three ppm chlorine residual for at least 4 hours.

**PAPER AND PAPERBOARD PROCESS WATER**

DANTOCHLOR RW is a patented biocidal formulation for application in the paper industry.

DANTOCHLOR RW prevents bacterial slime formation and deposition through the rapid delivery of an ideal balance of free and combined halogen. When used properly, DANTOCHLOR RW can reduce microbiologically induced corrosion, paper spots, holes, breaks and odors. By limiting microbial growth and bacterial slime formation, DANTOCHLOR RW increases machine runnability reducing unscheduled maintenance and lost production.

The patented DANTOCHLOR RW composition provides high solubility, fast dissolution and high halogen content without added binders or inert materials for maximum efficiency and product delivery.

DANTOCHLOR RW can be used in the manufacture of both food and non-food contact paper and paperboard.

**APPLICATION**

DANTOCHLOR RW should be added to process water streams at or immediately prior to a point of sufficient mixing such as the fan pump or wire pit.

Standard dissolution feeders can be used for DANTOCHLOR RW applications. Make-up machine white waters and returning clarified dilution waters are examples of acceptable treatment waters.

**INITIAL DOSE:** When the system is noticeably fouled apply 0.5 - 2.0 pounds of DANTOCHLOR RW per ton of paper produced to achieve 0.1-1.0 ppm total available halogen as chlorine. Repeat treatment until residual is achieved.

**SUBSEQUENT DOSE:** When microbial control is evident, apply 0.5 - 2.0 pounds of DANTOCHLOR RW per ton of paper produced to achieve 0.1-1.0 ppm total available halogen as chlorine. Repeat periodically as needed to maintain control.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE**

~~Do not store in direct sunlight.~~

~~Do not store at temperatures above 100°F.~~

~~Do not store on side. Avoid creasing or impacting of side walls.~~

Store in a well ventilated area away from heat or open flame. In case of decomposition, isolate container, if possible, and flood with large amounts of water to dissolve all material before discarding.

**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**

*(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.