

6836-280

03/02/2000

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510-C)  
401 M Street, S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
6836-280

Date of Issuance:  
MAR - 2 2000

NOTICE OF PESTICIDE:

- Registration
- Reregistration

Term of Issuance: Conditional

Name of Pesticide Product:  
Dantochlor RW Granular

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Eliot I. Harrison, Agent for Lonza, Inc.  
c/o Lewis & Harrison  
122 C Street, N.W., Suite 740  
Washington D.C. 20001

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to the use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Revise the label as described below, changing the EPA File symbol 6836-EIN to EPA Registration Number 6836-280.
3. The signal word DANGER, in both locations, must be enlarged to a 12 point all cap size.
4. You must list an emergency phone number (current, toll-free if available) at bottom of the label or under the Statement of Practical Treatment.
5. Revise the directions for Paper and Paperboard Process water by deleting the paragraph above "Application". Delete the last paragraph of directions and revise accordingly:

For Manufacture of Non-Food Contact Paper and Paperboard Use 0.5 - 2.0 lbs. Dantochlor RW Granular per ton of paper produced. Repeat treatment as required.

(page 1 of 2)

Signature of Approving Official:

Robert S. Brennan  
Product Manager 32

Date:

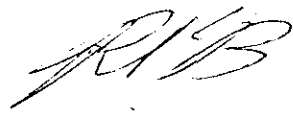
MAR - 2 2000

5. (continued)

For Manufacture of Food Contact Paper and Paperboard Use 0.003 - 0.30 lbs. Dantochlor RW Granular per ton of paper produced (1.5 to 150 ppm on a dry pulp weight basis). Repeat treatment as required.

6. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.



MAR - 2 2000

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER - enlarge

**CORROSIVE.** Causes irreversible eye damage and skin burns. Harmful if swallowed. 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. Immediately remove contaminated clothing and wash before reuse.

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.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL

**STORAGE:** Keep container tightly closed. Store in a dry place. Do not store at elevated temperatures.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous and/or toxic. Improper disposal of excess pesticide, spray mixture or residue 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.

**DANTOCHLOR RW GRANULAR**

Active Ingredients:	
1,3-dichloro-5,5-dimethylhydantoin	81.1%
1,3-dichloro-5-ethyl-5-methylhydantoin	16.1%
Inert Ingredients	2.8%
Total	100.0%
Minimum available chlorine - 68.0%	

EPA Reg. No. 6836-~~EPA~~ EPA Est. No. 6836-PA 1  
Net Weight \_\_\_\_\_

KEEP OUT OF REACH OF CHILDREN

DANGER } enlarge

**STATEMENT OF PRACTICAL TREATMENT**

**IF IN EYES:** Flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. If physician not available, flush for additional 15 minutes. Get immediate medical attention.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.

**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

**IF SWALLOWED:** Call a doctor or get medical attention. DO NOT induce vomiting give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

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

Add emergency Phone #  
or poison control  
phone number

with COMMENTS  
in EPA Letter dated:

MAR - 2 2000

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended for the protection  
registered under EPA Reg. No.

6836-280

**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 AND SEWER SYSTEMS**

DANTOCHLOR RW GRANULAR 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 cleared 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 lbs. to 1000 gal., or 12 to 120 parts per million, of water in the system. Repeat until control is achieved.

**SUBSEQUENT DOSE:** When microbial control is evident add 0.1 to 0.75 lbs. to 1000 gal., or 12 to 90 parts per million, of water in the system every 3 days or as needed to maintain control.

**CONTINUOUS FEED METHOD:**

**INITIAL DOSE:** When system is noticeably fouled, add 0.1 to 1.0 lbs. to 1000 gals., or 12 to 120 parts per million, of water in the system.

**SUBSEQUENT DOSE:** Continuously feed to maintain dosage of 0.1 to 0.75 lbs. to 1000 gal., or 12 to 90 parts per million, of water in the system.

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

**INITIAL DOSE:** When the system is noticeably fouled, add 0.1 to 1.0 lbs. per 1000 gal., or 12 to 120 parts per million, of water in the system. Repeat until control is achieved.

**SUBSEQUENT DOSE:** When algae control is evident add 0.1 to 0.75 lbs. to 1000 gal. daily or 12 to 90 parts per million daily or as needed to maintain control.

**CONTINUOUS FEED METHOD**

**INITIAL DOSE:** When the system is noticeably fouled, add 0.1 to 1.0 lbs. to 1000 gal., or 12 to 120 parts per million, of water in the system. Repeat until control is achieved.

**SUBSEQUENT DOSE:** Continuously feed to maintain a dosage of 0.1 to 0.75 lbs. to 1000 gal., or 12 to 90 parts per million, of water in the system.

**AIR WASHERS**

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

DANTOCHLOR RW GRANULAR controls slime forming bacteria, fungi and algae in industrial airwasher systems. Add this product at the rate of 0.1 to 1.0 lbs. (12 to 120 ppm) per 1000 gal. of water in the system, depending on 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.

**INTERMITTENT OR SLUG METHOD**

**INITIAL DOSE:** When the system is noticeably fouled, add to airwasher sump or chill water sump to ensure uniform mixing. Add 0.1 to 1.0 lbs. to 1000 gal., or 12 to 120 parts per million, of water.

**SUBSEQUENT DOSE:** When microbial control is evident, add 0.1 to 0.60 lbs. to 1000 gals., or 12 to 72 parts per million, of water.

**CONTINUOUS FEED METHOD**

**INITIAL DOSE:** When the system is noticeably fouled add to airwasher sump or chill water sump to ensure uniform mixing. Add 0.1 to 1.0 lbs to 1000 gal., or 12 to 120 parts per million, of water.

**SUBSEQUENT DOSE:** When microbial control is evident add 0.1 to 0.6 lbs. to 1000 gal., or 12 to 72 parts per million, 0.2 of water.

**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 intake or other critical areas, where mixing is uniform.

**DOSAGE RATES**

**INITIAL DOSE:** When the system is noticeable fouled, add 0.2-0.6 lbs. to 1000 gal. of water contained in the system. Repeat initial doses 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 lbs. to 1000 gal. of water contained in the system. Repeat as needed to maintain one to three ppm chlorine residual for at least 4 hours.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAR - 2 2000

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered for the pesticide use specified under EPA Reg. No.

6836-280

PAPER AND PAPERBOARD PROCESS WATER

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

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

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

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

← delete

APPLICATION

DANTOCHLOR RW GRANULAR should be added to process water streams at or immediately prior to a point of sufficient mixing such as the raw stock chest beater, mixing unit, fan pump or wire pit.

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

Apply 0.5-2.0 ton of DANTOCHLOR RW GRANULAR per ton of paper produced. Repeat treatment as required.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
MAR - 2 2000

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, Registration No.  
6836-280

← Revise to  
reflect 6836-113  
AS follows ;

FOR MANUFACTURE OF NON-FOOD CONTACT PAPER  
AND PAPERBOARD

Use 0.5 - 2.0 lbs. Dantochlor RW GRANULAR  
per ton of paper produced. Repeat treatment  
As required.

FOR MANUFACTURE OF FOOD CONTACT PAPER AND  
PAPERBOARD

Use 0.003 - 0.30 lbs. Dantochlor RW GRANULAR  
per ton of paper produced (15-150 ppm on a dry pulp weight basis). Repeat treatment as required.