

6836-280

10/10/2001

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OCT 10 2001

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ruth Trager
Lonza, Inc.
17-17 Route 208
Fairlawn, N.J. 07410

SUBJECT: July 10, 2001 Amendment
Dantochlor PG Granular
EPA Registration 6836-280

Dear Ms. Trager:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the condition listed below:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)(7)(B) is being accepted on a time limited basis. The registration for the food use of this product in the manufacture of food contact paper and paperboard expires on November 22, 2002. During this time the Agency will continue its efforts to completing its determination under FIFRA section 2(bb)(2) that this use will not result in unreasonable adverse effects.

A stamped copy of the labeling is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling. A stamped copy of the label is enclosed for your records. If you have any questions regarding this letter, please contact Tom Luminello of my staff at (703) 308-8075.

Sincerely yours,

Tom Luminello for
Robert S. Brennis

Product Manager 32

Regulatory Management Branch II
Antimicrobial Division (7510-C)

Enclosure

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 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 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%

KEEP OUT OF REACH OF CHILDREN

DANGER

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

EPA Reg. No. 6836-280

Est. No. 6836-PA-1

Net weight: (as indicated on container)

LONZA INC.

17-17 Route 208, Fair Lawn, NJ 07410

Emergency Contact Number: (_____)

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

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

6836-280

For industrial use only.

DIRECTIONS FOR USE

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

RECIRCULATING COOLING WATER SYSTEMS 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 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.

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 GRANULAR controls slime forming bacteria, fungi and algae in industrial airwasher systems. Add this product at the rate of 0.1 to 1.0 pounds (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.

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 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.

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 the system is noticeably fouled, add 0.2 - 0.6 pounds per 1000 gallons of water contained in the system. Repeat initial dose 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 - 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 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.

APPLICATION

DANTOCHLOR RW GRANULAR 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 GRANULAR applications. Make-up machine white waters and returning clarified dilution waters are examples of acceptable treatment waters.

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

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. Do not store at elevated temperatures.

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.

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