

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

11/28/92
10:00

Ms. Debra Rogler, Registration Administrator
Lonza, Inc.
17-17 Route 208
Fair Lawn, NJ 07410

Dear Ms. Rogler:

Subject: Dantochlor RW
EPA Registration No. 6836-113
Your Amendment Application Dated November 28, 1992

This is in response to your amendment application noted above requesting that this registration be amended to include the use of this product in the once-thru industrial cooling waters sewage systems (septic tanks, leach fields, tank lines, sewers, lagoons, and sewage effluent water).

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data or other material required for registration/ reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

a. Revise the Environmental Hazards Statement to read as follows: "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."

3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

CONCURRENCES

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

A stamped copy of the label is enclosed for your records.

If you have any questions about these comments, you may call Ms. Barbara Pringle at 703-305-6484.

Sincerely,



Ruth G. Douglas
Product Manager 32
Antimicrobial Program Branch
Registration Division (H-7504C)

LONZA

17-17 Route 208
Fair Lawn, NJ 07410
EMERGENCY TEL. NO. 309-697-5400

DANTOCHLOR™ RW

Contents: BRIQUETTES

Active Ingredients

1,3-dichloro-5,5-dimethylhydantoin	86.0%
1,3-dichloro-5-ethyl-5-methylhydantoin	3.0%
Other related compounds	10.0%
Inert Ingredients	1.0%
Total	100%
Minimum available chlorine - 68.0%	

KEEP OUT OF REACH OF CHILDREN
DANGER

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STATEMENT OF PRACTICAL TREATMENT

For eye contact, 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 is not available, flush for additional 15 minutes. Get immediate medical attention.

For skin contact, immediately wipe away excess material with a dry cloth while removing contaminated clothing and shoes. Under a safety shower, wash affected areas thoroughly with large amounts of water, and soap if available, for at least 15 minutes. Get immediate medical attention. Discard or decontaminate clothing and shoes.

If inhaled, remove from area to fresh air. If not breathing, clear airway and start mouth-to-mouth artificial respiration or use a bag-mask respirator. Get immediate medical attention. If victim is having trouble breathing, transport to medical care and, if available, give supplemental oxygen.

If swallowed, immediately give several glasses of water. DO NOT induce vomiting. If vomiting occurs, give fluids again. Have physician determine if patient's condition allows induction of vomiting or evacuation of stomach. Do not give anything by mouth to an unconscious or convulsing person. Get immediate medical attention.

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

PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS

CORROSIVE. Causes eye and skin damage. 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 rubber gloves, chemical goggles and face shield when handling. Wash thoroughly after handling. Immediately remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds or public water unless in accordance with NPDES permit. For guidance, contact your Regional Office of the EPA. Do not contaminate water when disposing of equipment washwaters. Apply this pesticide only as specified on this label.

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.

EPA Reg. No. 6836-113

Net Weight _____

Manufactured By:
Lonza Inc.
17-17 Route 208
Fair Lawn, NJ 07410

ACCEPTED
with COMPLIANCE
EPA Est. No. 6836 PA 1

Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, for sale and use only in accordance with the label.
6836-113

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 SEWER 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 system 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 BACTERIAL AND FUNGI

INTERMITTENT OR SLUG METHOD

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

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

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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 lbs. (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 the system is noticeably fouled, add a airwasher sump to insure uniform mixing. Add 0.1 to 1.0 lbs. to 1000 gallons 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 gallons 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 insure uniform mixing. Add 0.1 to 1.0 lbs. to 1000 gallons 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 gallons or 12 to 72 parts per million.

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 lbs. to 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 to 0.3 lbs. to 1000 gallons of water contained in the system. Repeat as needed to maintain one to three ppm chlorine residual for at least 4 hours.

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Technical advise regarding specific problems are available from Lonza. A Material Safety Data Sheet relative to the use of this product is also available upon request.

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 in elevated temperatures.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous and/or toxic. 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 loosed 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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