

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

14 JUN 1991

Mr. Joseph R. Robinson  
Lonza, Inc.  
17-17 Route 208  
Fair Lawn, NJ 07410

Dear Mr. Robinson:

Subject: Adding Once-Through Use to the Label  
DANTOBROM RW  
EPA Registration No. 6836-115  
Your Amendment Dated January 25, 1991

The amendment referred to above, submitted in connection with registration under FIFRA Section 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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 constitutes acceptance of these conditions.

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

Sincerely yours,



Ruth G. Douglas  
Acting Product Manager  
Antimicrobial Program Branch  
Registration Division

## CONCURRENCES

SYMBOL	SURNAME	DATE

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND  
DOMESTIC ANIMALS**

**DANGER**

**HARMFUL IF SWALLOWED. HIGHLY CORROSIVE.** Causes eye and skin damage. 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.

**STORAGE AND DISPOSAL**

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

**DISPOSAL:** Do not contaminate water, food or feed by storage or 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.

**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.

**DANTOBROM RW**

Contents: BRIQUETTES

**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%
Inert Ingredients.....	2.0%

Available bromine.....	39.2%
Available chlorine.....	39.9%

EPA Reg. No. 6836-115  
EPA Est. No. 6836-PA-01  
NET WEIGHT  
(as marked on container)

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**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 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.

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

**BEST AVAILABLE COPY**

#### 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

DANTOBROM 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, lagoons etc., industrial water scrubbing systems and brewery pasteurizers.

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 lbs. to 1000 gallons or 12 to 120 parts per million 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 to 1000 gals. 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 a system is noticeably fouled, add 0.1 to 1.0 pounds 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 pounds 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 pounds per 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 pounds 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 pounds 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 pounds to 1000 gallons or 12 to 90 parts per million of water in the system.

#### AIRWASHERS

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

DANTOBROM RW controls slime forming bacteria, fungi and algae in industrial airwasher systems. Add DANTOBROM RW 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.

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 to 1000 gallons or 12 to 120 parts per million of water.

SUBSEQUENT DOSE: When microbial control is evident add 0.1 to 0.6 pounds to 1000 gals. or 12 to 72 parts per million 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 pounds to 1000 gallons or 12 to 120 parts per million of water.

SUBSEQUENT DOSE: When microbial control is evident, add 0.1 to 0.6 pounds to 1000 gallons or 12 to 72 parts per million of water.

#### FOR INDUSTRIAL USE ONLY

Technical advice regarding specific on site problems are available from LONZA INC. A Material Safety Data Sheet relative to the use of this product is also available upon request.

#### ONCE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS

When used as directed, DANTOBROM RW Tablets effectively control algal, bacterial and fungal slimes in open or closed-cycle, fresh or salt water, once-through cooling systems. Treat cooling water with DANTOBROM RW Tablets 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 lbs./1000 gallons of water contained in the system. Repeat initial dosage until one to three ppm (mg/L) bromine residual is established for at least 4 hours.

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

HEALTH 3

FLAMMABILITY 1

REACTIVITY 1

PERSONAL PROTECTION

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

1/91

14 JUN 1991

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

6836-115

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