



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

JUL - 6 2001

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Wendy A. McCombie, Agent for Lonza, Inc.  
Lewis & Harrison  
122 C Street N.W., Suite 740  
Washington, D.C. 20001

SUBJECT: April 3, 2001  
Dantobrom PG Granular  
EPA Registration 6836-281

Dear Ms. McCombie:

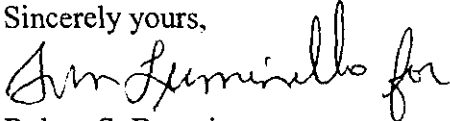
The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments listed below. In accordance with PR Notice 2001 please revise the Statement of Practical Treatment to read:

<b>First Aid</b>	
If in Eyes	<ul style="list-style-type: none"> <li>▪ Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>▪ Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>▪ Call a poison control center or doctor for further treatment advice.</li> </ul>
If on Skin or Clothing	<ul style="list-style-type: none"> <li>▪ Take off contaminated clothing.</li> <li>▪ Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>▪ Call a poison control center or doctor for further treatment advice.</li> </ul>
If Inhaled	<ul style="list-style-type: none"> <li>▪ If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>▪ Call a poison control center or doctor for further treatment advice.</li> </ul>

If Swallowed	<ul style="list-style-type: none"> <li>▪ Call a poison control center or doctor for further treatment advice.</li> <li>▪ Have person sip a glass of water if able to swallow.</li> <li>▪ Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>▪ Do not give anything by mouth to an unconscious person.</li> </ul>
<p><b>HOT LINE NUMBER</b></p> <p>Have the product container or label with you when calling a poison center or doctor, or going for treatment. You may also contact 1 (800) xxx-xxxx for emergency medical treatment information. For information on this pesticide (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1 (800) 858-7378.</p>	
<p><b>Note to Physician:</b> Probable mucosal damage may contraindicate the use of gastric lavage.</p>	

A stamped copy of the label with any necessary corrections and or changes is enclosed. Submit two copies of the final printed label for our files.

If you have any questions regarding this letter, please contact Tom Luminello of my staff at (703) 308-8075.

Sincerely yours,  
  
 Robert S. Brennis  
 Product Manager (32)  
 Regulatory Management Branch II  
 Antimicrobial Division (7510-C)

Enclosure

PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND DOMESTIC ANIMALS

**DANGER**

MAY BE FATAL 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 a face shield when handling. Wash thoroughly after handling. Immediately remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic organisms. 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 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.

**DANTOBROM PG GRANULAR**

**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%
<b>Inert Ingredients</b>	<b>2.0%</b>

Available bromine	39.2%
Available chlorine	39.9%

EPA Reg. No. 6836-281  
EPA Est. No. 6836-PA-01  
**NET WEIGHT**  
(as marked on container)

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

First Aid

revise per 2001-1

~~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 a 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

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
JUL 6 2001

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 6836-281

**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.

**PAPER AND PAPERBOARD PROCESS WATER**

DANTOBROM PG GRANULAR is a patented biocidal formulation for application in the paper industry.

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

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

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

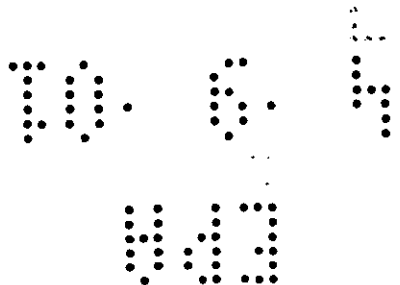
**APPLICATION:**

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

*add period*

Apply 0.5-2.0 lbs of DANTOBROM PG GRANULAR per ton paper produced. Repeat treatment as required.



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

JUL - 6 2001

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

6836-281