

6836-118

PM-32

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUL 30 1998

Lonza Inc.
Lewis & Harrison
122 C Street, N.W., #740
Washington, D.C. 20001

Attention: Eliot I. Harrison
Agency for Lonza

Subject: Dantobrom P
EPA Registration Number 6836-118
Your Amendment Dated

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you make the labeling change listed below before you release the product for shipment bearing the amended labeling.

You must delete one of the substatements to the ingredient statement from your label. The substatement should be either:

- Available bromine 39.2%
- Available chlorine 44.4%
- or
- Total active halogen as bromine [Br+]-69.6%.

A stamped copy is enclosed for your records. Submit one copy of the final printed label before you release the product for shipment bearing the amended label.

If you have any questions concerning this letter, please contact Delores Williams at (703) 308-6372.

Sincerely,

for Robert S. Brennis
Product Manager (32)
Regulatory Management Branch II
Antimicrobials Division (7504C)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS

DANGER

HARMFUL IF SWALLOWED. HIGHLY CORROSIVE. DO NOT TAKE INTERNALLY. 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 and goggles or 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. (If container size is 50 lbs or larger, use the following statements): Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water 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 re-seal container. If possible, isolate container in open air or well ventilated area. Flood with large volumes of water if necessary.

KEEP CONTAINER TIGHTLY CLOSED
STORE IN A COOL, DRY PLACE
DO NOT STORE AT ELEVATED TEMPERATURES

JUL 30 1998

6836-118

DANTOBROM P

Briquettes and Tablets

BROMINATING DISINFECTANT FOR SWIMMING POOLS

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%
Total	100.0%

Available bromine 39.2%

Available chlorine 44.4%

or

Total active halogen as bromine [Br⁻] - 69.6%

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 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.

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.

EPA Registration No.

6836-118

EPA Establishment No.

6836-PA-01

Net Weight

(as marked on container)

Manufactured by:

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

Dantobrom P is a new form of brominating hydantoin for swimming pools. It is easily adapted to many erosion feeders used to automatically treat both commercial and residential pools.

When used as directed, Dantobrom P will disinfect pool water, keeping it clean, clear and free of odor. Dantobrom P gives the effectiveness of chlorine without the chlorine odor.

DIRECTIONS FOR USE

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

To start up a new pool, open a pool for the season or convert from a chlorine based program, backflush or clean the filter, chemically balance the calcium hardness and alkalinity and adjust pH to 7.2-7.8. Superoxidate to obtain a residual of 10-20 ppm available bromine (5-10 ppm available chlorine as determined by a suitable test kit. Swimming may begin when the bromine level drops below 6 ppm.

When the bromine level drops below 1-3 ppm, add 0.2 - 2.0 ounces of Dantobrom P per 1000 gallons daily or as needed to maintain 1-3 ppm available bromine. High temperatures, the presence of organic debris, increased bather use and other factors may require more frequent treatments. Add Dantobrom P to a suitable feeding device, adjusting the feeder in accordance with the manufacturer's instructions so as to maintain 1-3 ppm levels of available bromine. The pH of the water must be maintained between 7.2 and 7.6.

Superoxidation: Water soluble, non-filterable wastes can accumulate in pool water and cause dull or cloudy water and can stimulate algal growth. Superoxidation or superchlorination with a suitable oxidizing shock treatment should be done weekly or bi-weekly, after extremely heavy bather loads or heavy rain storms. Suitable oxidizing agents are those based on calcium hypochlorite, lithium hypochlorite, sodium hypochlorite or potassium peroxymonopersulfate.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Store in a well ventilated area away from heat or open flame. Open dumping is prohibited. Do not reuse empty container.

Pesticide Disposal

In case of decomposition, isolate container, if possible, and flood with large amounts of water to dissolve all material before discarding.

Pesticide or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides.

Container Disposal

Triple rinse the fiber and plastic containers before destroying by perforation or crushing. The rinsed containers may be disposed of by incineration. Consult federal, state or local authorities for approved alternative procedures.