

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

11 DEC 1994

Attn: Eliot Harrison,
Authorized Agent for Lonza, Inc.

Subject: Dantogard
EPA Registration No. 6836-119
Your Submissions of March 21 and November 7, 1994

The proposal to amend the subject registration by the addition of two new uses; a preservative/antimicrobial agent in clay slurries used in the manufacture of non-food contact paper products and in metalworking fluids, has been reviewed. The following comments are a result of the Agency's review.

1. The use of the subject product as a preservative in clay slurries used in pulp and paper manufacturing processes is acceptable. However, as indicated in previous and subsequent correspondences, the use of the subject product as a preservative in the manufacture of food contact paper products is not allowable without Food Additive approval from FDA.

2. The proposed new use for the subject product formulation as a preservative in metalworking fluids is acceptable.

3. The revised product labeling, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. A stamped copy is enclosed for your records. Submit three copies of the final, printed product labeling incorporating these comments before releasing the product for shipment.

a. In the Precautionary Statements, add the following instructions "Wear chemical resistant gloves when using this product."

b. In the use directions which concern metalworking fluids, add the following statements: "Workers should take precautions to minimize inhalation exposure to metalworking fluid mists. OSHA limits for oil mist: Time Weighted Average (TWA = 5mg/m³); Short Term Exposure Limit (STEL = 10mg/m³)."

CONCURRENCES

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c. Place asterisks (*) in the Use Directions sentences pertaining to use of the subject product in the manufacture of paper products. (In the first paragraph: "Dantogard preserves ...*", and in the subordinate sentence: "Note: Dantogard may not be used ...*".)

d. Revise the Environmental Hazards statement to read in accordance with PR Notice 93-10.

If you should have any questions concerning this letter, you may call Robert Travaglini on (703) 305-6909.

Sincerely,



Ruth G. Douglas
Product Manager (32)
Antimicrobial Program Branch
Registration Division (7505C)

DANTOGARD™ PRESERVATIVES PRESERVING YOU

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

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.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Contents: LIQUID

Active Ingredients
1,3-Bis(hydroxymethyl)-5,5-dimethylhydantoin 32.0%
Hydroxymethyl-4,4-dimethylhydantoin 7.5%
Inert Ingredients 60.5%

EPA Reg. #6836-119 EPA Est. # 6836-PA-1
NET WEIGHT (as marked on container)

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

EYES: Flush eyes with plenty of running water for several minutes. Seek medical attention if irritation develops or persists.

SKIN: Wash affected areas with plenty of water, and soap if available, for several minutes. Remove and clean contaminated clothing and shoes. Seek medical attention if irritation develops or persists.

INHALATION: 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.

INGESTION: If swallowed, give 3-4 glasses of water. Induce vomiting by placing a finger on the back of the victim's tongue. Give fluids until vomitus is clear. DO NOT induce vomiting or give anything by mouth to an unconscious or convulsing person. Seek medical attention.

DIRECTIONS FOR USE

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

DANTOGARD™ preserves and aids in the control of bacteria and fungi in water based coatings (including water based emulsions), water based adhesives, caulks, joint cements, resin based processing chemicals (lubricants, sizing agents), liquid detergents, soft soaps, room deodorizers, and paints for industrial and household use. DANTOGARD™ should be added to the formulation to be preserved at a concentration of 1.0 lbs. per 100 lbs. or 3,400 to 13,800 ppm, depending on the weight of the formulation to be protected.

DANTOGARD™ may be used in metal coatings to inhibit fungal growth at concentrations of 0.1 to 1.0 lbs. per 100 lbs. DANTOGARD™ should be checked periodically as metal oils are unstable upon standing.

DANTOGARD™ preserves and controls mold and mildew in aqueous dispersions of inorganic minerals used in the manufacture of paper and paperboard at concentrations of 1.0 to 6.0 lbs. per ton of aqueous solution (ppm).

NOTE: DANTOGARD™ may not be used in certain articles for use in packaging or holding food.

ACCEPTED
with COMMENTS
in EPA Letter D

11 DEC

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered, for the control of mold and mildew under EPA

RECEIVED BY THE COMPANY