

6836 - 307

9/30/2010

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Antimicrobials Division (7510C)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

EPA Reg. Number:  
6836-307

Date of Issuance:  
SEP 3 0 2010

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Dantoserve MS

Name and Address of Registrant (include ZIP Code):

Lonza Inc  
90 Boroline Rd  
Allendale, NJ 07401

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the 1, 2-Benzisothiazolin-3-one (BIT) RED, the EPA has reregistered this product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2) of the Federal Insecticide, Fungicide and Rodenticide Acts, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. The EPA may require submission of data at any time to maintain the registration of the subject product.

1. Make the following label changes:

Signature of Approving Official:

*Jacqueline Campbell-McFarlane*  
Jacqueline Campbell-McFarlane  
Product Manager Team-34  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Date:

SEP 3 0 2010

a. The "Personal Protective Equipment" and "User Safety Recommendations" on page 2 must be moved to appear immediately after "Precautionary Statements."

b. The "User Safety Recommendations" statements on page 2 must be brought into compliance with PR Notice 2000-5, Mandatory Labeling, by deleting the term, Recommendations, and stating "Requirements." Also, delete the term, should, and stating "must."

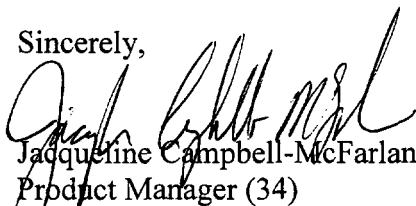
2. Submit two (2) copies of the revised labeling bearing the labeling revisions listed above.

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

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

If you have questions concerning this matter, please contact me at (703) 308-6416 or by email at [Campbell-McFarlane.Jacqueline@epa.gov](mailto:Campbell-McFarlane.Jacqueline@epa.gov).

Sincerely,



Jacqueline Campbell-McFarlane  
Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Enclosure: Stamped Label  
Chemistry/Acute Toxicology Data Evaluation

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION.** Harmful if swallowed or inhaled. Avoid breathing vapor or spray mist. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**FIRST AID**

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes.

**IF INHALED:** Move person to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration preferably by mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.

**IF SWALLOWED:** Call a Poison Control Center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

**ENVIRONMENTAL HAZARDS**

This chemical is toxic to terrestrial and aquatic plants, fish and aquatic invertebrates. 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.

**DANTOSERVE™ MS**

**MICROBIOCIDES**

**INDUSTRIAL PRESERVATIVE**

**Active Ingredients:**

1,3-bis(hydroxymethyl)-5,5 dimethylhydantoin	29.4%
1-(hydroxymethyl)-5,5-dimethylhydantoin	27.9%
1,2-benzisothiazolinon-3-one	1.1%
Other Ingredients	41.6%
Total	100.0%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See (side) (back) (left) (right) panel for Precautionary Statements and First Aid

LONZA INC.  
17-17 ROUTE 208  
FAIR LAWN, NJ 07410

**NET CONTENTS:** *(As marked on container)*

Country of origin (insert country)]

[Manufactured in (insert country)]

[Barcode]

EPA Reg. No. 6836-307  
EPA Est. No. 6836-PA-01

ACCEPTED  
with COMMENTS  
EPA Letter Dated: SEP 30 2010

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide, registered under EPA Reg. No. 6836-307

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Mixers, loaders, and others exposed to benzisothiazolinone products must wear:

- long-sleeve shirt and long pants
- chemical-resistant gloves
- socks and chemical resistant footwear.

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

Users must:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly.

**DIRECTIONS FOR USE**

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

DANTOSERVE™ MS preserves and controls the growth of bacteria and fungi in aqueous dispersions of inorganic mineral slurries such as clay, kaolin clay, calcium carbonate and titanium dioxide used in the manufacture of food contact and non-food contact paper and paperboard for both filler and paper coatings applications.

The components of DANTOSERVE™ MS are acceptable under 21 CFR §176.170 and §176.180 for production of paper to be used for both dry, aqueous and fatty food contact.

DANTOSERVE™ MS must be added to the mineral slurry to be preserved at a rate of 0.05% to 0.30% (500 to 3,000 ppm) based on the total weight of the product to be protected.

To ensure uniform distribution, slowly disperse DANTOSERVE™ MS into the product with agitation. Mix thoroughly until evenly dispersed throughout the product.

*(Note to reviewer: For Nonrefillable Containers for commercial, industrial, and institutional uses)*

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Open dumping is prohibited. Store in original container in areas inaccessible to children.

**Pesticide Disposal:**

Pesticide wastes are acutely hazardous. 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 label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

*(Note to reviewer: This Container Statement will be used only for containers 5 gallons or less:)*

**Container Disposal:**

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. **(Plastic and Metal Containers:)** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in sanitary landfill.

**(For metal containers only: DO NOT cut or weld metal containers.)**

**(For Bag in Box Containers:)** Completely empty bag into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

*(Note to reviewer: This Container Statement will be used for containers over 5 gallons:)*

**Container Disposal:**

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. **(Plastic and Metal Containers:)** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate

into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in sanitary landfill.

**(For metal containers only.** DO NOT cut or weld metal containers.)

**(Bag in Box Containers:)** Completely empty bag into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

