

47371-145

10-23-2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 23 2003

Mr. Robert Sloan  
H&S Chemicals Division c/o Lonza Inc.  
17-17 Route 208  
Fair Lawn, NJ 07410

SUBJECT: HS-210 Laundry Mildewcide & Bacteriostat (10%)  
EPA Registration Number: 47371-145  
Application Dated: July 24, 2003  
Received Date: July 25, 2003

Dear Mr. Sloan:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the conditions listed below:

- revise label language
- update to comply with PR Notices

Conditions

Revise the label as follows:

1. Revise the Precautionary Statements to include the following statements: "Wear protective eyewear (goggles, safety glasses or face shield) protective gloves (rubber or chemical resistant) and protective clothing when handling..." and "Wash thoroughly with soap and water after handling." Delete the following statement from this section: "Avoid contamination of food, water, or feed."
2. Revise the directions for use for "Mildew Prevention" by adding the following statement: "HS-210 Laundry Mildewcide & Bacteriostat (10%) is effective in all water temperatures."

CONCURRENCES

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3. Revise the one gallon "Storage and Disposal" statement to include the following: "Wrap and discard in trash or recycle."

4. Revise the "Pesticide Disposal" statement to include the following language: "...pesticide, spray mixture or rinsate is a..." such that your language is in agreement with PR Notice 83-3.

5. Revise the "Container Disposal" statement for plastic containers to read as follows: "...If burned, stay out of smoke."

General Comments

A stamped copy of the accepted labeling is enclosed. Submit one (1) copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

Enclosure: Stamped Label  
7510C:T.Lantz:10/23/03:47371-145

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**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**DANGER - CORROSIVE:** Causes irreversible eye damage and skin burns. Do not get in eyes or on skin. Wear protective eyewear (goggles, safety glasses or face shield) and protective gloves (rubber or chemical resistant) when handling. Harmful if swallowed or absorbed through the skin. Avoid contamination of food. Remove and wash contaminated clothing before reuse.

**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 SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the 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.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

*(For 5 gallon & larger)*

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. 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**

This product is cationic. Do not mix with soap or anionic materials.

**HS-210 LAUNDRY MILDEWCIDE AND BACTERIOSTAT (10%)**  
**EPA REG. NO. 47371-145**  
**EPA DRAFT LABEL 7-23-03**

**HS-210 LAUNDRY  
MILDEWCIDE &  
BACTERIOSTAT (10%)**

Active Ingredient:  
Didecyl dimethyl ammonium chloride ..... 10.0%  
Other Ingredients:..... 90.0%  
Total:..... 100.0%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

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

EPA Reg. No. 47371-145  
EPA Est No. *(Insert EPA Establishment No. Here)*  
NET CONTENTS *(insert container size here)*

H&S CHEMICALS DIVISION  
c/o Lonza Inc.  
17-17 Route 208  
Fair Lawn, New Jersey 07410

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

OCT 23 2003

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. **47371-145**

- Controls musty odors and discoloration due to mildew, fungi and molds.
- For use in laundering fabrics.
- Provides a residual bacteriostatic finish against odor-causing bacteria in laundered fabrics.
- Helps control most odor-causing bacteria and helps provide a fresh smell.
- The residual bacteriostatic action on the laundered fabric will inhibit the growth of odor-causing bacteria in the presence of moisture or wet contamination.
- For laundering fabrics such as diapers, institutional linens and athletic apparel in hospitals, nursing homes, schools and colleges and other institutions.

**DIRECTIONS FOR USE**

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

**MILDEW PREVENTION**

Reduces the growth of mildew. For 1 week protection, use 8 3/4 fluid ounces of **HS-210 Laundry Mildewcide and Bacteriostat (10%)** per 100 lbs. of fabric (dry weight). Use a maximum of 60 gallons (500 lbs.) of water per 100 lbs. of fabric (dry weight).

Dilute the appropriate amount of **HS-210 Laundry Mildewcide and Bacteriostat (10%)** in one to two gallons of water and then add to the wash-wheel at the beginning of the final rinse cycle (minimum rinse cycle time of 8 minutes).

Repeat the treatment of fabric with **HS-210 Laundry Mildewcide and Bacteriostat (10%)** after each washing.

*(If container size is 1 gallon or less, the following storage and disposal statements will be used:)*

**STORAGE AND DISPOSAL**

Store in original container in areas inaccessible to children. Do not reuse empty container. Discard in trash or recycle.

*(If container size is greater than gallon, the following storage and disposal statements will be used:)*

**STORAGE AND DISPOSAL**

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

**Pesticide Storage**

Store in original container in areas inaccessible to children or persons unfamiliar with its proper use. Do not store on side. Avoid creasing or impacting of side walls.

**Pesticide Disposal**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or mixture of 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.

**Container Disposal**

*(Plastic containers):* 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 way of smoke.

*(Metal Containers:)* Triple rinse (or equivalent), then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

*(Fiber drums with liners):* Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

