

47371-84

6-26-2002

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Patricia A. Moriarty  
Senior Regulatory Associate  
Lonza Inc.  
17-17 Route 208  
Fair Lawn, NJ 07410

JUN 26 2002

Subject: Amendment per FIFRA  
Formulation HL-138D  
EPA Registration No. 47371-84  
Application Dated: March 15, 2002  
EPA Received Date: March 28, 2002

Dear Ms. Moriarty:

The following amendment, submitted in connection with registration under 3(c)(7)(A) of the Federal Insecticide, Fungicide, Rodenticide Act (FIFRA), as amended, is acceptable with the comments listed below.

**Proposed Amendment**

- Increase Dosage Rate
- Update General Label Language

**Label Comments**

1. Revise the sentence of the Precautionary Statements that reads "CORROSIVE. Causes irreversible eye damage." to read "CORROSIVE. Causes irreversible eye damage and skin burns." In addition, this entire phrase should be capitalized.
2. Separate the paragraph "Follow the manufacturer's instructions for....Keep and wash PPE separately from other laundry." from the Precautionary Statements section of the label, making it clear that this paragraph is not a part of the Precautionary Statements.

**CONCURRENCES**

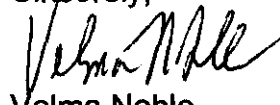
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3. Revise the Paper Mills directions of the Directions for Use section by including a statement that clearly indicates that this product is not to be used to treat food contact paper. This statement is to read:  
"Not for use in the manufacture of paper that may contact food."

**General Comments**

A stamped copy of the label is enclosed for your records. Please submit one(1) final printed label before releasing this product for shipment. Should you have any questions regarding this letter, please contact me at 703-308-6233.

Sincerely,



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

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER**

**FATAL IF INHALED.** Do not breath vapor. For handling activities, use either a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides. (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NOISH approval number prefix 14G).

**CORROSIVE.** Causes irreversible eye damage. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield or safety glasses).

**HARMFUL IF ABSORBED THROUGH SKIN OR SWALLOWED.** Avoid contact with skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Follow the manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENVIRONMENTAL HAZARDS** (required for 5 gallon size containers & larger)

This pesticide 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.

**FORMULATION HL-138D**

**ACTIVE INGREDIENTS:**

- n-Alkyl (C<sub>14</sub> 60%, C<sub>16</sub> 30%, C<sub>12</sub> 5%, C<sub>18</sub> 5%)
- dimethyl benzyl ammonium chloride .. 25.00%
- Bis (tri-n-butyltin) oxide..... 4.50%
- INERT INGREDIENTS:** ..... 70.50%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**POISON**



**FIRST AID**

**OR**

**(STATEMENT OF PRACTICAL TREATMENT)**

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.

**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.

**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.

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

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUN 26 2002  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 47371-84

EPA Reg. No. 47371-84  
EPA Est. No. 47371-IN-01

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**H&S CHEMICAL DIVISION**  
C/o Lonza Inc. 17-7 Route 208  
Fairlawn, New Jersey 07410

**DIRECTIONS FOR USE**

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

**NOTE:** Add separately to the system. Do not mix it with other additives to avoid any possible incompatibilities. Water treated with this product should not be used for food processing, irrigation or in the manufacture of paper used for food packaging.

**OPEN RECIRCULATING COOLING SYSTEM**

**INITIAL DOSE:** When microbiological slimes are evident, apply 24 fluid ounces per 1000 gallons of water in the system. Repeat until control is achieved. Badly fouled systems should be cleaned before treatment is begun.

**SUBSEQUENT DOSE:** When microbiological control is evident, apply 12 fluid ounces per 1000 gallons of water in the system once per week, or as needed to maintain control.

**FEEDING:** Should be fed at full strength in the cooling tower basin at a point of maximum water circulating. Tower bleed off valves should be closed to permit a retention time of 4 hours.

**PAPER MILLS:** Dosage will vary from 2.4 to 4.8 fluid ounces per ton of finished paper depending on the type of stock, complexity of the system, quality of raw water, and type and degree of contamination.

**FEEDING:** May be drip feed continuously from the drum or led by suitable chemical pumps such as adjustable proportioning types; variable speed, positive displacement type; or by the reciprocating type. This product should be fed as early as possible in the system at such points including the hydropulper, machine chest or brake system.

**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE**

This product must be kept under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use. Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

**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.

**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 smoke.

**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.

**METAL CONTAINERS**

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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