

47371-84

9/10/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

SEP 10 2009

Ms. Joanna Holcombe
H&S Chemicals Division
c/o Lonza, Inc.
90 Boroline Road
Allendale, NJ 07401

SUBJECT: Formulation HL-138D
EPA Registration No.: 47371-84
Amendment Date: June 11, 2009
EPA Receipt Date: June 15, 2009

Dear Ms. Holcombe,

The following amendment submitted in connection with registration under FIFRA, as amended, is acceptable with the conditions listed below.

Proposed Amendment

Update Container Disposal Statements per PR Notice 2007-4

Conditions

Revise the label as follows:

- 1) The first statement under "Environmental Hazards" must be revised to be in agreement with the ADBAC RED by adding the phrase, "... *and aquatic invertebrates.*"
- 2) Revise 2nd statement under "NOTE" on page 2 to be in compliance with PR Notice 2000-5, Mandatory Labeling, by deleting the term, should, and stating "*must.*"
- 3) Revise the "Feeding" directions on page 2 by deleting the phrase, "should be" and stating "Feed" and "must be."
- 4) The Container Rule rescinded PR Notice 83-3 and 84-1 Part II in which Container Disposal statements are no longer separated by container size but by use pattern. Therefore, delete the "Note to Reviewer" since the product is for commercial/institutional/industrial uses.

CONCURRENCES

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

5) AD has been working with the Container Rule Workgroup to develop Container Disposal statements for public and nonpublic health antimicrobial products. It was decided that nonpublic health products will comply with the container rule language; therefore, revise this product's container disposal statements to read:

(5 gallons or less)

Nonrefillable Container. Do not refill or reuse container. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Drain for 10 seconds after flow begins to drip. Fill container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

(5 gallons or more)

Nonrefillable Container. Do not refill or reuse container. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill container 1/4 full with water. 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 the application equipment or 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 a sanitary landfill.

General Comments

A stamped copy of the label accepted with conditions is enclosed. Submit three (3) copies of your final printed label before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Velma Noble at (703) 308-6233.

Sincerely,

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

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SYMBOL	Enclosure:	Stamped Label					
SURNAME							
DATE							

**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 AND SKIN BURNS. 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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 10 2009
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.

47371-84

FORMULATION HL-138D

ACTIVE INGREDIENTS:

n-Alkyl (C₁₄ 60%, C₁₆ 30%, C₁₂ 5%, C₁₈ 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.

EPA Reg. No. 47371-84

EPA Est. No. 47371-IN-01

NET CONTENTS _____

[Country of origin (insert country)]

[Manufactured in (insert country)]

[Barcode]

H&S CHEMICAL DIVISION

c/o Lonza Inc.

90 Boroline Road

Allendale, NJ 07401

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 4.7 to 9.3 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 3.1 to 6.2 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. Not for use in the manufacture of paper that may contact food.

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.

~~(Note to reviewer: For Nonrefillable Containers, Container is one gallon or less, Label has any use other than Household or Residential)~~

~~STORAGE AND DISPOSAL~~

~~Store in original container in areas inaccessible to children.~~

~~Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container 1/4 full with water and reclose the container. Agitate vigorously and dispose of rinsate. Repeat two more times. Wrap [container] and put in trash or offer for recycling if available.~~

~~(or)~~

~~Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container 1/4 full with water and reclose the container. Agitate vigorously and dispose of rinsate. Repeat two more times. Wrap [container] and put in trash or offer for reconditioning if appropriate.~~

(Note to reviewer: For Nonrefillable Containers, Container is over one gallon)

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.

Container Disposal:

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying.

(Plastic Containers:) Triple rinse as follows: Fill container 1/4 full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

(Metal Containers:) Triple rinse as follows: Fill container 1/4 full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations. 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.