

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

NOV 17 2003

Subject: Formulation HS-69D  
EPA Registration No. 47371-29  
Amendment Date: August 18, 2003  
EPA Receipt Date: August 20, 2003

Dear Mr. Sloan,

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

- Update First Aid Statements per PR Notice 2001-1

**Conditions**

Revise the label as follows:

1. Revise the entire Precautionary Statements section to read exactly as follows:

*“Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, safety glasses or face shield), protective clothing and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.”*

Delete the following language from this section: “Water treated with this product should not be used for food processing, irrigation or in the manufacture of paper used for food packaging.”

2. Revise the “Physical and Chemical Hazards” statement by changing the statement: “This is a cationic germicide.” to read *“This product is cationic.”* It is not appropriate for this product to make a claim as a germicide as you have not provided data to show that this product is effective against public health organisms.

**CONCURRENCES**

SYMBOL	7510C						
SURNAME	J. Sloan						
DATE	11/17/03						

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

215

3. Delete the Storage and Disposal statements for 1 gallon containers. Since this product is not used in households or other similar use sites, this statement is not appropriate.

4. Place the following statements in the subsection titled: "Pesticide Storage": "This product must be kept under locked storage sufficient to make it inaccessible to persons unfamiliar with its proper use. Do not reuse empty container."

5. Delete the parenthesis surrounding the phrase "For Industrial Use Only" as this statement is not optional.

6. Add the following statement to the "Ingredients Statement": "Total.....100%"

7. Make the following revisions to the Directions for Use section of the label:

A. Add the following statements to the note at the beginning of this page: "Water treated with this product is not be used for food processing or irrigation."

B. Revise the heading "Open Recirculating Cooling Systems" to accurately reflect the use of this product to state: "Recirculating Cooling Towers".

C. Place the statement "Should tower be heavily fouled, a pre-cleaning is required." such that it immediately follows the heading "Recirculating Cooling Towers". Delete the statement: "Badly fouled systems should be cleaned before treatment is begun." which is not placed prominently and does not agree with PR Notice 2000-5.

D. Revise the Feeding directions for cooling towers to read as follows: "Feed at full strength in the cooling tower basin at a point of maximum water circulating. Place tower bleed off valves in a closed position to permit a retention time of 4 hours."

E. Revise "Paper Mills" to be a heading of the same prominence as "Recirculating Cooling Towers". In addition, add the following statement to this section: "Do not use in the manufacture of paper which will have direct or indirect contact with food."

F. Revise the Feeding directions for "Paper Mills" to be in agreement with PR Notice 2000-5 as follows: "Drip feed continuously from the drum...reciprocating type. Feed this product as early as possible in the system..."

**CONCURRENCES**

<b>SYMBOL</b>							
<b>SURNAME</b>							
<b>DATE</b>							

**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 or comments 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:11/14/03:47371-29

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER. Corrosive:** Causes eye damage and skin irritation. May be absorbed through the skin. Do not get in eyes, on skin or clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food. Water treated with this product should not be used for food processing, irrigation or in the manufacture of paper used for food packaging.

**ENVIRONMENTAL HAZARDS**

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 is a cationic [redacted]. Do not mix with soap or anionic materials.

*(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. Wrap container and put in trash.

*(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**

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 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.

ACCEPTED with COMMENTS in EPA Letter Dated NOV 17 2003 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 47371-29

Formulation HS-69D  
EPA Reg. No. 47371-29  
EPA DRAFT LABEL DATED 5/15/03

**FORMULATION HS-69D**

*(FOR INDUSTRIAL USE ONLY)*

**ACTIVE INGREDIENTS:**

n-Alkyl (C<sub>14</sub>, 60%; C<sub>12</sub>, 5%; C<sub>16</sub>, 30%; C<sub>18</sub>, 5%)  
dimethyl benzyl ammonium chloride..... 12.50%  
Bis (tri-n-butyltin) oxide..... 2.25%  
**OTHER INGREDIENTS:** ..... 85.25%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**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.

*(See side panel for additional precautionary and practical treatment statements.)*

EPA Reg. No. 47371-29  
EPA Est. No.  
NET CONTENTS \_\_\_\_\_

H&S Chemical Division  
C/O Lonza Inc.  
17-17 Route 208  
Fair Lawn, NJ 07410



47371-29

**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.

**OPEN RECIRCULATING COOLING SYSTEMS**

**INITIAL DOSE:** When microbiological slimes are evident, apply 9.3 to 18.6 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 6.2 to 12.4 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 4.8 to 9.6 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-fed 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.

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated:**

**NOV 17 2003**

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

**47371-24**

