

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

FEB 10 2004

Subject: HS-65 Winterizing Algicide  
EPA Registration No. 47371-92  
Amendment Date: November 10, 2003  
EPA Receipt Date: November 12, 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 following conditions:

- Update First Aid Statements as per PR Notice 2001-1

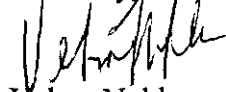
**Conditions**

1. Revise the "Pesticide Storage" statement to include the following language: "Store in original container in areas inaccessible to children."

2. 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.

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)

7510C:T.Lantz:2/4/04:47371-92a

**CONCURRENCES**

SYMBOL	7510C						
SURNAME	S. Lantz						
DATE	2/10/04						

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# HS-65 Winterizing Algicide

An algae growth depressant. Keeps pool water free of visible algae and slime. Improves filter operation. Compatible with most pool treatment chemicals. Will not damage tile, concrete, metal or plastics. Efficient and stable.

**ACTIVE INGREDIENTS:**

n-Alkyl (C<sub>14</sub> 60%, C<sub>12</sub> 25%, C<sub>16</sub> 15%)

dimethyl benzyl ammonium chloride..... 5.0%

**OTHER INGREDIENTS:** ..... 95.0%

**TOTAL:** ..... 100.0%

**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. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

(See side panel for additional precautionary statements.)

EPA Reg. No. 47371-92  
EPA Est. No. (insert EPA Establishment No. here)  
Net Contents \_\_\_\_\_

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

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

FEB 10 2004

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 47371-92

**DANGER! 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 (safety glasses, goggles or face shield), protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking and using tobacco. Remove contaminated clothing and wash before reuse.

*(For 5 gallon & larger only)*

#### **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 germicide. 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 or persons unfamiliar with its proper use. 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 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 puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

(Fiber drums and 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 in the same manner.

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## DIRECTIONS FOR USE

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

### SWIMMING POOL ALGICIDE

For best results: test and adjust water balance before use, chlorinate and clarify pool water as required, shock treat pool water at least weekly, keep filtration systems clean and back-flush regularly. Call your local health department for assistance with any issue relating to good pool operating practices.

Effective against *Chlorella pyrenoidosa* (green algae), *Phormidium luridum* (black algae), *Phormidium inundatum* (blue-green algae), *Lyngbya versicolor* (blue-green algae), and *Pleurochloris meiringensis* (mustard algae).

**APPLICATION:** For all applications, apply equal amounts of HS-65 Winterizing Algicide to pool water along pool edges around the circumference of the pool while filter pump is running. Run pump for at least 6 hours after application. Wait at least 15 minutes after application before entering pool.

**INITIAL APPLICATION:** When filling pool at beginning of season add 5 fl. ounces of HS-65 Winterizing Algicide per 1,000 gallons water (2 ppm active ingredient).

**VISIBLE ALGAE:** If algae are visible, brush surfaces and then add 5 fl. ounces of HS-65 Winterizing Pool Algicide per 1,000 gallons water (2 ppm active ingredient). Vacuum pool and remove dead algae after 24 hours. Repeat treatment as necessary if algae are still present.

**MAINTENANCE DOSE:** When pool is free of visible algae, add 1 1/2 fluid ounces of HS-65 Winterizing Algicide per 1,000 gallons water (0.6 ppm active ingredient) every week. For very hot weather or heavy bathing load, use this dosage every 5 days.

**BOOSTER DOSE:** After heavy rains or severe storms, add 5 fl. ounces of HS-65 Winterizing Algicide per 1,000 gallons water (2 ppm active ingredient).

### FOR WINTERIZATION OF POOLS BEFORE FREEZING

HS-65 Winterizing Algicide aids in the prevention of algae in swimming pools during the winter months, when the pool is out of service. HS-65 Winterizing Algicide is economical, efficient and stable.

Test water for proper balance of minerals, pH and presence of metals. Take corrective action if necessary.

Superchlorinate the pool with a winter shock treatment according to label directions. Apply when pool is out of service and allow pump to run for a minimum of one hour, preferably several hours or overnight.

Apply equal amounts of HS-65 Winterizing Algicide to pool water along pool edges around the circumference of the pool while filter pump is running. Use (12 1/2 oz per 1,000 gallons of water) (5 ppm active ingredient). Run the filter pump for at least 6 hours after application.

Clean pool water line and filter. In areas with severe freezing, drain pool equipment and plumbing lines or use an antifreeze recommended for swimming pool plumbing and equipment. Pools without covers or mesh covers may need a second treatment in mid-winter or just prior to freezing.

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TO PREVENT ALGAE GROWTH IN OUTDOOR WHIRLPOOLS, SPAS AND HOT TUBS

HS-65 Winterizing Algicide aids in the prevention of algae in outdoor whirlpools, spas and hot tubs.

Fill whirlpool, spa or hot tub with water. Add 1/8 ounce per 20 gallons of water (2 ppm active). Run pump and wait at least 15 minutes after application before entering. Drain whirlpool, spa or hot tub after each use and disinfect with a suitable disinfectant.