

47371-69

1-23-2004

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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JAN 23 2004

Robert J. Sloan  
Sr. Regulatory Services Associate  
Lonza Inc.  
17 -17 Route 208  
Fair Lawn, NJ 07410

Subject: HS-65 Swimming Pool Algaecide  
EPA Registration No. 47371-69  
Amendment Dated: October 20, 2003  
EPA Received Date: October 30, 2003

Dear Robert J. Sloan,

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

**Proposed Amendment**

- Response to Agency letter dated September 30, 2003

**Comments**

A stamped label is enclosed for your records. Please 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 Branch1  
Antimicrobial Division (7510c)

## CONCURRENCES

SYMBOL	7510(c)						
SURNAME	APeters						
DATE	1/21/04						

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# HS-65 Swimming Pool Algaecide

For use as 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. For institutional and household use.

## ACTIVE INGREDIENT:

n-alkyl (C<sub>14</sub> 60%, C<sub>12</sub> 25%, C<sub>16</sub> 15%) dimethyl benzyl ammonium chloride ..... 50.0%

OTHER INGREDIENTS: ..... 50.0%

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.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable by mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice.

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.

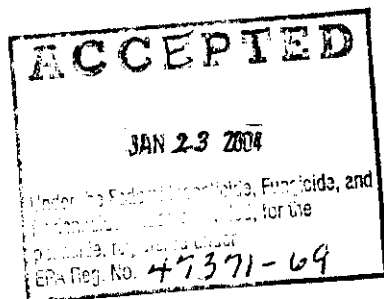
**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

(See side panel for additional precautionary statements.)

EPA Reg. No. 47371-69

EPA Est. No. (insert EPA Establishment No. here)

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### H&S CHEMICALS DIVISION

c/o Lonza Inc.

17-17 Route 208

Fair Lawn, New Jersey 07410

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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER: CORROSIVE.** Causes irreversible eye damage and skin burns. May be fatal if inhaled, swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Do not breathe spray. 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, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

*(For 5 gallon & larger only)*

### 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.

*(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 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 and liners): Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Then dispose of liner and drum in a sanitary landfill or incinerate if allowed by State and local authorities. Do not reuse empty drum or liner.

### PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. This product is cationic. Do not mix with soap or anionic materials.

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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

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).

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.

**APPLICATION:** For all applications, apply equal amounts of HS-65 Swimming Pool 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 water.

**INITIAL APPLICATION:** When filling pool at beginning of season add 5 fl. ounces of HS-65 Swimming Pool Algicide per 10,000 gallons water (2 ppm active ingredient).

**VISIBLE ALGAE:** If algae are visible, brush surfaces and then add 5 fl. ounces of HS-65 Swimming Pool Algicide per 10,000 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 Swimming Pool Algicide per 10,000 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 Swimming Pool Algicide per 10,000 gallons water (2 ppm active ingredient).

