

47371-58

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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



Office of Pesticide Programs

Joanna Holcombe,  
Commercial Regulatory Services,  
Lonza Inc.  
90 Boroline Road  
Allendale, NJ 07401

JAN 15 2010

Subject: Product Name: HS-210 Swimming Pool Algicide  
EPA Reg. No.: 47371-058  
Notification Date: December 15, 2009  
EPA Receipt Date: December 18, 2009  
Submission #: 865154

Joanna Holcombe,

This letter acknowledges receipt of your notification submitted under the provision of the Federal Insecticide, Fungicide and Rodenticide Act. (FIFRA) section 3(c)9 and PR Notice 98-10.

**Proposed Notification for HS-210 Swimming Pool Algicide:**

- Add optional barcode, "country of origin" statement and "manufactured in" statement;
- Update the company address;
- Update the Storage and Disposal language per PR Notice 2007-4

**General Comments**

Based on a review of the submitted materials your application for "HS-210 Swimming Pool Algicide" as listed in your letter to the Agency dated December 15, 2009, is acceptable. A copy has been placed in our records for future reference.

Should you have any questions or comments concerning this letter, please contact Velma Noble PM team 31 at (703) 308-6233 or Jamil Mixon at (703) 308-8032.

Sincerely,

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

**CONCURRENCES**

SYMBOL							
SURNAME							
DATE							





Via FedEx

Lonza Inc  
Allendale  
90 Boroline Road  
Allendale, NJ 07401, USA

Ms. Velma Noble, PM-31  
Document Processing Desk (NOTIFY)  
Office of Pesticide Programs (7504P)  
US Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2227 S. Crystal Drive  
Arlington, VA 22202

**Joanna Holcombe**  
Lonza Life Science Ingredients  
Commercial Regulatory Services

Tel 201-316-9297  
Fax 201-696-3470  
joanna.holcombe@lonza.com

Joanna Holcombe  
December 15, 2009

**SUBJECT: HS-210 Swimming Pool Algicide, EPA Reg. No. 47371-058  
Application for Label Notification**

Dear Ms Noble:

I am submitting an application to accomplish the following for the above named product:

- Add optional barcode, "country of origin" statement, and "manufactured in" statement;
- Update company address; and
- Update the Storage and Disposal language per PR Notice 2007-4. (Lonza considers this formulation to be a ready-to-use product.)

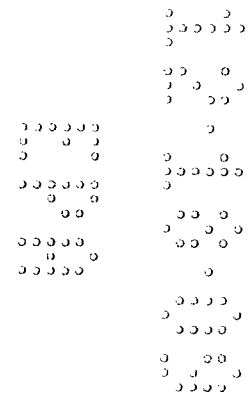
Please find the enclosed documents in support of this notification:

- Application for Notification;
- One copy of the proposed label with changes highlighted; and
- Two copies of the proposed label.

If you have any questions or need any additional information, please feel free to contact me at 201-316-9297.

Sincerely,  
Lonza Inc.

Joanna Holcombe  
Sr. Commercial Regulatory Services Associate



# HS-210 SWIMMING POOL ALGICIDE

HS-210 Swimming Pool Algicide is an algae growth depressant. Reduces need for other chemicals. Improves filter operation. Compatible with most pool treatment chemicals. Will not damage tile, concrete, metal or plastics. Efficient and stable.

**ACTIVE INGREDIENTS:**

Didecyl dimethyl 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. 47371-58

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

Net Contents \_\_\_\_\_

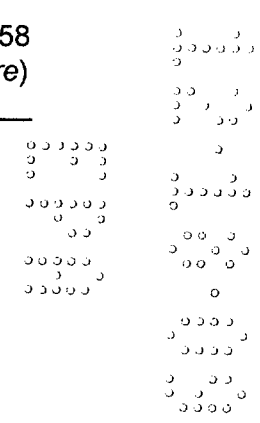
[Country of origin (insert country)]

[Manufactured in (insert country)]

[Barcode]

**H&S CHEMICALS DIVISION**

c/o Lonza Inc.  
90 Boroline Rd.  
Allendale, NJ 07401



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

**DANGER! CORROSIVE.** Causes irreversible eye damage and skin burns. May be fatal if inhaled or swallowed. Harmful if absorbed through the skin. Do not get in eyes, on skin or on clothing. Do not breathe vapor. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear protective eyewear (goggles, safety glasses or face shield), protective clothing and protective (rubber, chemical resistant) 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 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.

**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), *Phoridium retzil* (blue-green algae), *Phoridium inundatum* (blue-green algae), *Lyngbya versicolor* (blue-green algae), *Phoridium luridum* (black 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-210 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 pool.

**INITIAL APPLICATION:** When filling pool at beginning of season add 5 fl. ounces of HS-210 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-210 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 ounce of HS-210 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.

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**BOOSTER DOSE:** After heavy rains or severe storms, add 5 fl. ounces of HS-210 Swimming Pool Algicide per 10,000 gallons water (2 ppm active ingredient).

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

HS-210 Swimming Pool 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 200 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.

***(Note to reviewer: For Nonrefillable Containers, Ready to Use Product for 5 gallons and less)***

**STORAGE AND DISPOSAL**

Store in original container in areas inaccessible to children or persons unfamiliar with its proper use.

Nonrefillable container. Do not reuse or refill this container. Wrap [container] and put in trash or offer for recycling if available.

(or)

Nonrefillable container. Do not reuse or refill this container. Wrap [container] and put in trash or offer for reconditioning if appropriate.

***(Note to reviewer: For Nonrefillable Containers, Ready-To-Use Product over 5 gallons – no new container rinsing directions, not a dilutable per PRN 2007-4)***

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE**

Open dumping is prohibited. This product must be (kept under locked storage sufficient to make it) (stored in areas) inaccessible to children or persons unfamiliar with its use. 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**

Nonrefillable container. Do not reuse or refill this container.

(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.

(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. 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.