

63664-1

3/27/2008

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MAR 27 2008

Georgia Anastasiou
Agent for Quality Swimming Pool Products Division c/o Lonza, Inc.
Lewis & Harrison
122 C Street, N.W., Suite 740
Washington, D.C. 20001

SUBJECT: QSP-451
EPA Registration Number: 63664-1
Application Date: January 2, 2008
Receipt Date: January 2, 2008

Dear Ms. Anastasiou:

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 subject to the conditions listed below:

Condition

Revise page five to include the following text in the "Test and balance" section:
"...In indoor chlorine treated pools add stabilizer to establish a minimum level of 40-50 ppm stabilizer to reduce the degradative effects of sunlight..."

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.

Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3 (c) (5) and section 4 (a) when the Agency requires all registrants of similar products to submit such data.

CONCURRENCES							
SYMBOL	7510P						
SURNAME	J. Jany						
DATE	3/26/08						

2811

If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6 (e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. Should you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,



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

Enclosure: Stamped label
7510P:T.Lantz:3/26/08:63664-1

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

QSP-451 Swimming Pool Algaecide

Active Ingredient:

Alkyl (C ₁₄ , 50%; C ₁₂ , 40%; C ₁₆ , 10%) dimethyl benzyl ammonium chloride.....	20.0%
Other Ingredients.....	<u>80.0%</u>
Total:	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE LEFT / RIGHT / SIDE / BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND FIRST AID.

EPA Reg. No. 63664-1
EPA Est. No. 6836-IL-1
Net Contents

Manufactured by:
Quality Swimming Pool Products Division
c/o Lonza Inc.
90 Boroline Rd.
Allendale, NJ 07401

**ACCEPTED
with COMMENTS
in EPA Letter Dated:
MAR 27 2008**

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. **63664-1**

(Front Panel – Continued)

(Note to reviewer: The following is optional marketing language):

What? {For use on front panel of label as a header above/beside product name.}

Why? {For use on front panel of label as a header above/beside marketing statements chosen from accepted label text that relates to the consumer features and benefits of product.}

Prevents algae

Kills and prevents algae

Safe for all types of pool surfaces

For control of algae and algal slime growth in swimming pools

Concentrated Formula

Prevents (controls) green colored algae

Suitable for pools under 5,000 gallons

(Green) algae control for (in ground) (and) (above ground pools)

Keeps water clear and free of visible (green) algae

Suitable for opening pools

Can be used in salt pools

Compatible with salt pools

When? {For use on front panel of label as a header above/beside text chosen from accepted label text that relates to the consumer anticipated frequency of product use.}

Weekly use prevents algae growth

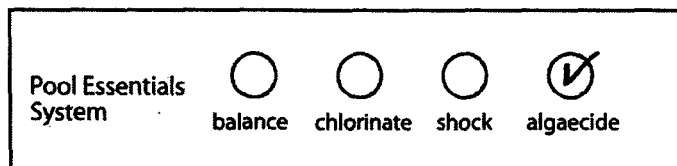
Use weekly

Weekly use

Use once a week

1X a week

{The "Pool Essentials System" box below may be placed on the label to allow easy product category identification by consumers.}



DIRECTIONS FOR USE

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

Ensure all pool equipment is working properly. Backwash the filter system following manufacturer's directions. Adjust pH to between 7.2 – 7.6. In outdoor chlorine treated pools, add stabilizer to establish a minimum level of 40 - 50 ppm stabilizer to reduce the degradative effects of sunlight upon the chlorine residual. Check for metals and, if present, add a stain and scale inhibitor to prevent staining of pool surface due to metal. If algae growth is visible, vacuum the pool 24 hours after applying the product. Maintain sanitizer residual in accordance with label directions found on your sanitizer of choice. When using other products as outlined in directions for this product, always follow the directions on those products.

[Note to Reviewer/Distributor: Dosages used on labeling will not exceed the container size]

1. Dosages for pools which are free of algae or contain algae growth:

INITIAL APPLICATION: For an initial application, pour directly into pool at a rate of [64 oz. of this product per 50,000 gallons of water] {or} [32 fluid ounces per 25,000 gallons] {or} [13 fluid ounces per 10,000 gallons] {or} [6.5 fluid ounces per 5,000 gallons] {or} [add 1.3 fluid ounces (2½ tablespoons) per 1,000 gallons] (2 ppm). More rapid distribution will be achieved by pouring a portion of the specified amount into several areas of the pool until all of the required quantity has been added. Circulate water by running the filter to assure rapid dispersion of product.

MAINTENANCE: Pour directly into pool at a rate of 16 oz. per 50,000 gallons of water {or} [3 fluid ounces per 10,000 gallons] {or} [1.5 fluid ounces per 5,000 gallons] {or} [0.3 fluid ounces (2 teaspoons) per 1,000 gallons] (0.5 ppm) every 5 – 7 days depending on weather and use factors. After each rain of consequence, add [16 oz. per 50,000 gallons of water] {or} [3 fluid ounces per 10,000 gallons] {or} [1.5 fluid ounces per 5,000 gallons] {or} [0.3 fluid ounces (2 teaspoons) per 1,000 gallons]. Even when the pool may not be in use for periods of time, add algaecide since a heavy accumulation of algae growth is difficult to remove. Add appropriate amount of this product by pouring a portion of the specified amount into several areas of the pool until the required quantity has been added. Circulate water by running the filter to assure rapid dispersion of product.

2. Re-entry interval: Swimmers are allowed to re-enter the pool 15 minutes after application of the product.
3. Ensure that water quality conditions are maintained for the successful use of the product.

This product is effective in controlling the growth of the following types of algae: *Chlorella pyrenoidosa* (green algae), *Phormidium inundatum* (blue-green algae) and *Phormidium ritzii*.

[Note to Reviewer/Distributor: Dosages used on labeling will not exceed the container size]

*{Following chart is optional.
All or some of the swimming pool capacities may be incorporated.}*

Swimming Pool Capacity Gallons of Water	Initial Treatment	Maintenance Dose
5,000	6.5 oz.	1.5 oz.
10,000	13.0 oz.	3.0 oz.
20,000	25.5 oz.	6.5 oz.
25,000	32.0 oz.	8.0 oz.
30,000	38.5 oz.	9.5 oz.
40,000	51.0 oz.	13.0 oz.
50,000	64.0 oz.	16.0 oz.

How to measure the gallon capacity of your pool:

Measure Length (L), Width (W) and average Depth (D) in feet.

- For square or rectangular pools:
 $L \times W \times D \times 7.5 = \text{gallons.}$
- For circular or elliptical pools:
 $L \times W \times D \times 5.9 = \text{gallons}$

{Simplified use directions covering product use as a swimming pool algaecide (both regular and small volume pools) and for a swimming pool winter algaecide (to close pool).}

[Note to Reviewer/Distributor: Dosages used on labeling will not exceed the container size]

(How?)

- Test and balance water before using this product. Adjust pH to 7.2 to 7.6. In indoor chlorine treated pools add stabilizer to establish a minimum level of 40 - 50 ppm to reduce the degradative effects of sunlight upon the chlorine residual. If metals are present add a stain and scale inhibitor to prevent staining of pool surfaces
- Start-up] *{or}* [Start-up/Opening]:
- Add [64 fluid ounces per 50,000 gallons] *{or}* [32 fluid ounces per 25,000 gallons] *{or}* [13 fluid ounces per 10,000 gallons] *{or}* [6.5 fluid ounces per 5,000 gallons] *{or}* [add 1.3 fluid ounces (2½ tablespoons) per 1,000 gallons] along pool edges while filter and pump are operating for the first week's application, then follow Once a Week directions.
- If algae is present, vacuum pool 24 hours after treatment.

Once a Week:

- Add [16 fluid ounces per 50,000 gallons] *{or}* [3 fluid ounces per 10,000 gallons] *{or}* [1.5 fluid ounces per 5,000 gallons] *{or}* [0.3 fluid ounces (2 teaspoons) per 1,000 gallons] along pool edges while filter and pump are operating.
- Use only with pools that have a water re-circulating system (pump) and filter.
- Apply more often after heavy rain, frequent backwashing or partial drain/refill.
- Wait at least 15 minutes after adding product before entering the pool.
- This product may foam; do not use in spas, pools with attached spas, or water features.

{The following is optional text to be used at Lonza's discretion with closing swimming pool use directions.}

To Close Pools:

- Add [64 fluid ounces per 25,000 gallons] *{or}* [32 fluid ounces per 12,500 gallons] *{or}* [16 fluid ounces per 6,250] along pool edges and allow filter and pump to operate for 2-4 hours.
- Then follow the winterizing directions on your pool sanitizer product.
- [Visit [the Aqua Chem Web Site] *{or}* [www.aquachem.com] *{or}* [the Pool Time website] *{or}* [www.pooltime.com] for complete pool closing instructions] *{or}* [contact your local pool supply store.]

[Note to Reviewer/Distributor: Dosages used on labeling will not exceed the container size]

*{Following chart is optional.
All or some of the swimming pool capacities may be incorporated.}*

Swimming Pool Capacity (Gallons of Water)	Start-Up Treatment	Weekly Dose
250	0.3 fl. oz. (2 teaspoons)	0.075 fl. oz. (½ teaspoon)
500	0.7 fl. oz. (4 teaspoons)	0.15 fl. oz. (1 teaspoon)
1,000	1.3 fl. oz. (2½ tablespoons)	0.3 fl. oz. (2 teaspoons)
1,500	2.0 fl. oz.	0.45 fl. oz. (1 tablespoon)
2,000	2.6 fl. oz.	0.6 fl. oz. (4 teaspoons)
2,500	3.3 fl. oz.	0.75 fl. oz. (5 teaspoons)
3,000	4.0 fl. oz.	0.9 fl. oz. (2 tablespoons)
4,000	5.0 fl. oz.	1.2 fl. oz. (2⅔ tablespoons)
5,000	6.5 fl. oz.	1.5 fl. oz.
10,000	13.0 fl. oz.	3.0 fl. oz.
20,000	25.5 fl. oz.	6.5 fl. oz.
25,000	32.0 fl. oz.	8.0 fl. oz.
30,000	38.5 fl. oz.	9.5 fl. oz.
40,000	51.0 fl. oz.	13.0 fl. oz.
50,000	64.0 fl. oz.	16.0 fl. oz.

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

DANGER. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed, absorbed through the skin or inhaled. Do not get in eyes, on skin, or on clothing. Do not breath vapor. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and rubber gloves when handling. Wash thoroughly with soap and water after handling and before eating, drinking, using tobacco or chewing gum. Remove contaminated clothing and wash clothing before reuse.

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: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth- to-mouth.

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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish.
(Note to reviewer: If container size is 5 gallons or greater, add the following Environmental Hazards statements):

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.

(Note to reviewer: If container is 1 gallon or less, the following Storage and disposal statement will be used:)

STORAGE AND DISPOSAL

Store container in areas inaccessible to children. Do not store on side. Avoid creasing or impacting of side walls. Do not reuse empty container. Discard in trash or recycle.

(Note to Reviewer: For Nonrefillable Containers.)

CONTAINER DISPOSAL: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

(Note to reviewer. One of the following statements must be used for Refillable Containers.)

Refillable Container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

OR

Refillable Container. Refill this container with [this product] only. Do not reuse this container for any other purpose."

(Note to reviewer: If container is greater than one 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:

[Insert statements from below.]

(Plastic Containers:) Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by 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 puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

(Note to Reviewer: For Nonrefillable Containers.)

Nonrefillable container

(Note to reviewer. One of the following statements must be used for Nonrefillable Containers.)

Do not reuse or refill this container

OR

(Only if the label does not include household/residential use)

Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state.

(Note to reviewer. One of the following statements must be used for Refillable Containers.)

Refillable Container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

OR

Refillable Container. Refill this container with [this product] only. Do not reuse this container for any other purpose."