

Stepan Company
 22 West Frontage Road
 Northfield, IL 60093

JUL 19 2000

ATTENTION: Nancy Maitzen

SUBJECT: 5% BTC 2125@M Swimming Pool Algaecide
 EPA Registration Number 1839-90
 Your Amendment Dated: May 16, 2000
 EPA Received Date: May 22, 2000

The amendment referred to above, submitted in connection with registration under FIFRA as amended, to revise the basic and alternate formulation and update the label language is acceptable provided that you:

1. Revise the CAS numbers on the Confidential Statements of Formula (CSFs) for the Basic and Alternate #1 dated 5/16/00 by correcting the CAS number for PC code 069104 to read 53516-76-0 and the correcting the CAS number for PC code 069154 is 85409-23-0. These CSFs are acceptable with this correction.

2. Make the labeling change listed below before you release the product for shipment bearing the amended labeling:

A. Revise the directions for use in swimming pools to include the following: *"Apply product along the edge of pool with the filter running. Backwash the filter if the system appears clogged."* Also add the statement: *"Swimmers may enter the pool 15 minutes after application of product."*

B. Revise the "Precautionary Statements" to read *"Harmful if swallowed."* deleting the "or fatal" phrase.

C. As per this reviewer's telephone conversation with Tom Isaac on 7/18/00 it is understood that this product is not marketed in glass containers as indicated on the Application for Pesticide.

CONCURRENCES							
SYMBOL	7510C						
SURNAME	J. Isaac						
DATE	7/18/00						

3. Submit two (2) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records. 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 (7510C)

Enclosure

7510C T Lantz 7/18/00 1839-90

CONCURRENCES

SYMBOL	SURNAME	DATE	CONCURRENCES				

5% BTC 2125[®]M Swimming Pool Algaecide

Keeps Pool Water Clear and Free of Visible Algae.

Controls algae slime in both swimming pools and outside
spa/whirlpool/hot tub baths.

ACTIVE INGREDIENTS:

n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈) dimethyl benzyl ammonium chlorides.....	2.5%
n-Alkyl (68% C ₁₂ , 32% C ₁₄) dimethyl ethylbenzyl ammonium chlorides	2.5%
INERT INGREDIENTS	<u>95.0%</u>
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panels for additional precautionary statements.

EPA REG. NO. 1839-90
EPA EST. NO. 1839-IL-01

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NET CONTENTS

(center panel)

ACCEPTED
with COMMENTS
in EPA Letter Dated:

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

1839-90

Amend 5/16/00

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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.

Directions for Use In Swimming Pools

Initial Dose: Add 1 gallon of 5% BTC 2125[®]M Swimming Pool Algaecide to 25,000 gallons of pool water.

Maintenance Dose: Add 1 quart of this product to 25,000 gallons of pool water.

Initial dose is used when filling pool at beginning of swimming season. If pool has visible algae growth, treat with initial dose. Vacuum pool after 24 hours to remove algae debris. If visible algae are still present or re-appear, repeat this treatment procedure as necessary. When pool is free of visible algae, use the recommended maintenance dose.

Maintenance dose should be added at 3-5 day intervals. If high temperatures prevail or pool has unusually heavy use, add maintenance dose more frequently.

If make-up water is added at the rate of more than 10% per week of pool capacity, add 1 quart of this product for each 5,000 gallons of fresh water added per week.

When swimming season is over, add 1 gallon of this product to 25,000 gallons of water in treating water left in pool. This dose helps provide a measure of control of algae growth during the winter months. This treatment will also help the servicing of the pool before it is returned to use the following season.

When this product is used as directed, it will kill and prevent development of Chlorella pyrenoidosa (green algae), Phormidium inundatum (blue-green algae), Phormidium retzii (blue-green algae), Lyngba versicolor (blue-green algae), and other swimming pool algae.

This product is compatible with most commonly used swimming pool chemicals, but should not be mixed with soap or other water-treating chemicals. This product works best when added by itself to pool water. This product, at use-dilution, is non-corrosive to inanimate surfaces.

Directions for Use in Outside Spas/Whirlpools/Hot Tub Baths

Initial Dose: Add 25.6 ounces of this product per 5,000 gallons of water. Initial dose is used upon filling of Spa/Whirlpool/Hot Tub Bath.

Maintenance: Add 6.4 ounces of this product per 5,000 gallons of water. Maintenance dose should be added at 3-5 day intervals. If high temperatures prevail or Spa/Whirlpool/Hot Tub Bath has unusually heavy use, add maintenance dose more frequently.

Drain and clean Spa/Whirlpool/Hot Tub Bath at least once a month or as needed depending on bather load.

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

KEEP OUT OF REACH OF CHILDREN. CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, rubber gloves, and protective clothing. Harmful or fatal if swallowed. Avoid contamination of food. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash 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. Call a poison control center or doctor for treatment advice.

If on skin or clothing: Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.

If swallowed: Call 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, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

(OPTIONAL) Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact xxx/xxx-xxxx for emergency medical treatment information.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. 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.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

PESTICIDE STORAGE - Store in a dry place no lower in temperature than 50°F or higher than 120°F. Store in tightly closed container in a secure area inaccessible to children.

CONTAINER DISPOSAL - Do not reuse empty container. Triple rinse empty container with water. Return metal drum or offer for reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers may be offered for recycling or reconditioning, or punctured and disposed of in a sanitary landfill, incinerated, or if allowed by local authorities, by burning. If burned, stay out of smoke.

For containers 1 gallon or less: Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

PESTICIDE DISPOSAL - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, 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.

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