

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PH 1839-87

DEC 09 1994

Stepan Company
22 West Frontage Rd
Northfield, IL 60093

Attention: Leo Dringoli
Manger Product Registration

Subject: 10% BTC 776 Swimming Pool Algaecide
EPA Registration No. 1839-87
Your Amendment Dated September 12, 1994
and your cover letter dated October 27, 1994
and resubmission dated December 8, 1994.

The amendment (label update) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you:

1. Make the following labeling changes below before you release the product for shipment bearing the amended labeling.

- a. Also in the use directions section (left panel) for Spas/Whirlpools/Hot Tubs, include the word: Outside
- b. The two algae: Phormidium inumdatum and Phormidium retzi are both correctly classified as blue-green algae.
- c. Delete the word: Concentrated (center panel).
- d. Revise the statement: Remove and wash contaminated clothing, to read:

Remove contaminated clothing and wash before reuse.

- e. The statement: "Physical or Chemical Hazards. Do not use or store near heat or open flame" is not supported by the CSF you have in the file. Delete the claim.

CONCURRENCES

SYMBOL								
SURNAME	Gen 10.12							
DATE	12/9/94							

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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2. A release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

3. A stamped copy of the labeling is enclosed for your records.

If you have any questions concerning this letter, contact V. Goncarovs at 703-305-6663.

Sincerely,

Walter C. Francis
Acting Product Manager (31)
Antimicrobial Program Branch
Registration Division (H7505C)

Enclosures

CONCURRENCES

SYMBOL							
SURNAME							
DATE							



Stepan Company
Northfield, IL 60093

10% BTC[®] 776 Swimming Pool Algaecide

Concentrated 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% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
dimethyl benzyl
ammonium chloride 9.96%
n-Dialkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
methyl benzyl ammonium chlorides 0.04%

INERT INGREDIENTS: 90.00%
TOTAL 100.00%

ACCEPTED
with COMMENTS
in EPA Label - 1839-87

DEC 09 1994

1839-87

EPA REG. NO. 1839-87
EPA EST. NO. 1839-IL-01

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panels for additional precautionary statements.

NET CONTENTS

(middle panel)

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 this product to 50,000 gallons of pool water.

Maintenance Dose: Add 1 quart of this product to 50,000 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 10,000 gallons of fresh water added per week.

When swimming season is over, add 1 gallon of this product to 50,000 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 prevent development of Chlorella pyrenoidosa (green), Phormidium inundatum (black algae), Phormidium retzi (Square D Algae), Lyngba versicolor (blue-green), 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 Spas/Whirlpools/ Hot Tub Baths

Initial Dose: Add 12.8 ounces of this product per 5,000 gallons of water. Initial dose is used upon filling of Spas/ Whirlpool/Hot Tub Bath.

Maintenance: Add 3.2 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 Spas/ Whirlpool/Hot Tub Bath has unusually heavy use, add maintenance dose more frequently.

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

Stepan Company
Northfield, IL 60093
EPA Reg. No. 1839-87

(left panel)

ACCEPTED
FOR CLS 10/13
10/13/94

DEC 09 1994

1839-87

DANGER

STATEMENT OF PRACTICAL TREATMENT

NOTE TO PHYSICIAN

ENVIRONMENTAL HAZARDS

PHYSICAL OR CHEMICAL HAZARDS

STORAGE AND DISPOSAL

STORAGE - Store in a dry place no lower in temperature than 50°F or higher than 120°F.

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.

(right panel)

ACCOUNTED
with 608-27
IN 1971

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