

1839-132

9-20-2002
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Thomas W. Isaac
Sr. Regulatory Specialist
Stephan Company
22 W. Frontage Rd
Northfield, IL 60093

SEP 20 2002

Subject: 5% BTC @ 776 Swimming Pool Algaecide
EPA Registration No. 1839-132
Amendment dated: June 21, 2002
EPA Received date: June 25, 2002

Dear: Mr Thomas W. Isaac,

The following amendment submitted in connection with registration of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable with the following comments.

Proposed Amendment

- Update First Aid statements per PR Notice 2001-1
- Update the Precautionary Statements consistent with Label Review Manual

Label Comments

1. Revise the First Aid Statement for dermal exposure and skin irritation to read:
If in skin or clothing: Take off contaminated clothing. Rinse skin *immediately* with plenty of water for 15-20 minutes. Call poison center or doctor for treatment advice.

2. Revise the Storage and Disposal instructions as follows:

"For container sizes 1 gallon or less Store in original container in a locked storage area in accessible to children. Do not reuse empty container. Wrap container and discard in the trash."

3. Revise the Container Disposal Instructions:
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 the state and local authorities.

Plastic containers: Completely empty bag into application equipment. Then

CONCURRENCES							
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DATE	9/20/02						


dispose of empty bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

4. Precautionary Statement should read: Corrosive. Causes irreversible eye damage and skin and burns. Harmful if swallowed or absorb through skin. Do not get in eyes , on skin, or on clothing. Wear protective eyewear, clothing, and gloves (goggles face shield, safety glasses and rubber gloves). Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.
5. Revise your directions for use to include:
 - a) Place of application concentration e.g. "Apply to water along pool edges"
 - b) Maximum concentration of the active ingredient or residual in the pool water, following the application of the product, before swimmers are allowed to re-enter the pool.
 - c) Water circulation device(e.g. pump and filters) and conditions for use of algicide (e.g instructions to keep the pump running a given number of hours after treatment)

General Comments

Please submit a copy of your final printed label before distributing or selling the product bearing the revised labeling. If you have any questions regarding this letter, please contact Velma Noble at (703) 308-6233

Sincerely,



Velma Noble
Product Manager (31)
Regulatory Management Branch1
Antimicrobial Divisions (7510c)

5% BTC[®] 99

Swimming Pool Algaecide

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 INGREDIENT

Didecyl dimethyl ammonium chloride 5.0%

INERT INGREDIENTS 95.0%

TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panels for additional precautionary statements.

EPA REG. NO. 1839-132

EPA EST. NO. 1839-IL-01

STEPAN COMPANY

22 W. Frontage Rd.
Northfield, IL 60093 USA

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 20 2002

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
an algaecide, herbicide, and
registered under EPA Reg. No. 1839-132

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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 this product 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 reappear, 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 make-up water added per week.

When swimming season is over, add 1 gallon of this product to 25,000 gallons of water 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), Lyngbya 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 directly 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 2.5 ounces of this product per 500 gallons of water. Initial dose is used upon filling of Spa/Whirlpool/Hot Tub Bath.

Maintenance Dose: Add 3/4 ounce of this product per 500 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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 20 2002

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 1839-132

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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. May be fatal if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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 a 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.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

HOTLINE NUMBER (OPTIONAL)

You may contact xxx/xxx-xxxx for emergency medical treatment information.

ENVIRONMENTAL HAZARDS

(Required for containers 5 gallons or greater)

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 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.

ACCEPTED

with COMMENTS
in EPA Letter Dated:

Stepan Company
Northfield, IL 60093
EPA Reg. No. 1839-132

SEP 20 2002

(Right Panel)

Amend 06/21/02

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, and the pesticide,
registered under EPA Reg. No. 1839-132