

1839-138

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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

JUN 10 2004

Nancy S. Maitzen
Sr. Regulatory Coordinator
Stepan Company
22 W. Frontage Rd.
Northfield, IL 60093

Subject: 10% BTC • 99 Industrial and/or Commercial Recirculating Cooling Water Tower
Microbicide
EPA Reg. No. 1839-138
Application Dated: May 10, 2004
Receipt Date: May 12, 2004

Dear Nancy Maitzen,

The following notification submitted in connection with registration under the provisions of PR Notice 98-10, Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)9. is acceptable.

Proposed Notification

- Addition of the word use **Immediately**, to the IF ON SKIN OR CLOTHING in the FIRST AID section of the PRECAUTIONARY STATEMENTS.

Comments

Based on a review of the material submitted, the following comments apply:
This application for notification to add the word use **Immediately**, to the IF ON SKIN OR CLOTHING in the FIRST AID section of the PRECAUTIONARY STATEMENTS. 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 at (703) 308-6233.

Sincerely,

Velma Noble
Velma Noble

CONCURRENCES

51	7510C								
SURNAME	D. Smith								
DATE	6-2-04								

Product Manager (31)
Regulatory Management Branch I
Antimicrobial Division (7510C)

31
May 10, 2004

Document Processing Desk (NOTIF)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Antimicrobials Division (7510C)
1921 Jefferson Davis Highway
Arlington, VA 22202

ATTN: Ms. Velma Noble
PM 31
Regulatory Management Branch I

RE: 10% BTC® 99 Industrial and/or Commercial Recirculating Cooling Water Tower
Microbicide
EPA Reg. No. 1839-138

Dear Ms. Noble:


This Notification proposes the following:

- Addition of the word, **immediately**, to the IF ON SKIN OR CLOTHING in the First Aid section of the PRECAUTIONARY STATEMENTS. It should read:
"If on skin or clothing: Take off contaminated clothing. Rinse skin **immediately** with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice."

Five (5) copies of the proposed label are enclosed for Agency review.

Should you have any questions concerning this notification, please contact me at 847/501-2278.

Sincerely,
STEPAN COMPANY


Nancy S. Maitzen
Sr. Regulatory Coordinator

NSM:slf

Enclosures

cc: Tom Isaac

067-04-nm-USEPA-138-N





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 1839-138	2. EPA Product Manager Velma Noble	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) 10%BTC@99Ind.and/orComl.Recirc.Cool.Wtr.Twr.Microbicide	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) STEPAN COMPANY 22 W. Frontage Rd. Northfield, IL 60093 <input type="checkbox"/> Check if this is a new address	6. Expedited Reveiw. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Addition of the word, immediately, to the IF ON SKIN OR CLOTHING in the First Aid section of the Precautionary Statements. It should now read: "IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice."

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
				<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1, 5, 15, 30, & 55 gal.		5. Location of Label Directions <input checked="" type="checkbox"/>	
6. Manner in Which Label is Affixed to Product		<input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Nancy S. Maitzen		Title Sr. Regulatory Coordinator	
		Telephone No. (Include Area Code) 847/501-2278	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature <i>Nancy S. Maitzen</i>		3. Title Sr. Regulatory Coordinator	
4. Typed Name Nancy S. Maitzen		5. Date May 10, 2004	

Stepan

Stepan Company

Northfield, Illinois 60093
Telephone 847 () 7500



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"This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA."

*Nancy Maitya
May 10, 2004*



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10% BTC[®] 99 Industrial and/or Commercial Recirculating Cooling Water Tower Microbicide

Microbicide for industrial and/or commercial recirculating cooling towers,
air washers and heat transfer systems (evaporative condensers,
dairy sweetwater systems, cooling canals, pasteurizers, tunnel coolers and warmers)

Helps keep cooling tower, air washer, and heat transfer systems
clear and free of visible algal, bacterial, and fungal slimes.

ACTIVE INGREDIENT:

Didecyl dimethyl ammonium chlorides.....10.0%

INERT INGREDIENTS:.....90.0%

Total 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

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 immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

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

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

See side (back) panel for additional precautionary statements.

EPA REG. NO. 1839-138

EPA EST. NO. 1839-IL-01

STEPAN COMPANY

22 West Frontage Road
Northfield, IL 60093

NET CONTENTS

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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.

10% BTC® 99 Industrial and/or Commercial Recirculating Cooling Water Tower Microbicide (this product) (product name) is designed to control algae and bacteria in cooling tower systems, air washers and heat transfer systems.

RECIRCULATING COOLING TOWERS:

Initial Dose: Add 19 to 80.5 fluid ounces of this product (product name) per 1,000 gallons of water contained in the system to provide a concentration of 150 to 630 ppm of this product (15 to 63 ppm active quaternary). Repeat until control is evident. When system is in control, add:

Periodic Dose: Add 6.5 to 80.5 fluid ounces of this product (product name) per 1,000 gallons of water contained in the system (5 to 63 ppm active quaternary) every 7 days or sooner should visible growth appear. For best results, clean heavily contaminated systems before treatment with this product. If soap or anionic detergent is used, rinse thoroughly before charging with this product (product name). Apply this product (product name) at a point in the system where uniform mixing will take place.

HEAT TRANSFER SYSTEMS (Evaporative condensers, dairy sweetwater systems, cooling canals, pasteurizers, tunnel coolers and warmers): This product (product name) should be used at the same application rates as in recirculating cooling water systems. It should be added to the system at a point of uniform mixing such as the basin area or other reservoir or collecting area from which treated water will be dispersed uniformly throughout the system.

Initial Dose: Add 19 to 80.5 fluid ounces of this product (product name) per 1,000 gallons of water contained in the system to provide a concentration of 150 to 630 ppm of this product (15 to 63 ppm active quaternary). Repeat until control is evident. When system is in control, add:

Periodic Dose: Add 6.5 to 80.5 fluid ounces of this product (product name) per 1,000 gallons of water contained in the system (5 to 63 ppm active quaternary) every 7 days or sooner should visible growth appear. For best results, clean heavily contaminated systems before treatment with this product (product name). If soap or anionic detergent is used, rinse thoroughly before charging with this product (product name).

AIR WASHER SYSTEMS: Add to the air washer sump or chill water or to the coil spray water to insure uniform mixing at a rate of 6.5 to 80.5 fluid ounces of this product (product name) per 1,000 gallons of water in the system (5 to 63 ppm active quaternary) every 7 days or sooner depending on the severity of contamination.

Do not be alarmed with the sudden appearance of organic debris in the system during the first week of operation. This is normal and is a good indication that this product (product name) has effectively penetrated and dislodged dead organic material, which tenaciously adheres to metal and wooden surfaces as living matter. This debris should be removed from the system to avoid clogging of screens and pipes.

When this product (product name) is used as directed, it will aid in controlling the development of biomass deposits and algal slime formation which are unsightly, produce foul odors and which are often the cause of equipment breakdown and loss of cooling efficiency.

This product (product name) is compatible with virtually all corrosion inhibition additives, but should not be used in the presence of soap or other anionic detergents. This product (product name) at use-dilution is non-corrosive to inanimate hard surfaces.

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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.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS

(Required for containers 5 gallons or greater)

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.

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.

CONTAINER DISPOSAL - Do not reuse empty container. Triple rinse empty container with water.

Metal Containers: 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: 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.

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.