

PM 31

1839-91

10-7-99

10/4

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Stepan Company
22 West Frontage Road
Northfield, IL 60093

OCT 07 1999

ATTENTION: Nancy Maitzen

SUBJECT: 10% BTC 2125®M Industrial and/or Commercial Recirculating Cooling
Water Tower Microbiocide
EPA Registration Number 1839-91
Your Amendment Dated: July 9, 1999
EPA Received Date: July 16, 1999

The amendment referred to above, submitted in connection with registration under FIFRA as amended, to change the product name and update the label language is acceptable provided that you:

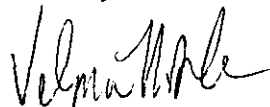
1. Make the labeling change listed below before you release the product for shipment bearing the amended labeling:

Revise the "Precautionary Statements" to include the following: "Wash thoroughly with soap and water after handling *and before eating, drinking or using tobacco.*"

2. 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.10/5/99.1839-91a

CONCURRENCES

SYMBOL	7510C							
SURNAME	J. Lantz							
DATE	10/5/99							

2044

10% BTC 2125[®]M

Industrial and/or Commercial Recirculating Cooling Water Tower Microbicide

Microbicide for industrial and/or commercial recirculating cooling water towers.

Helps keep water cooling tower systems clear and free of visible algal, bacterial, and fungal slimes.

ACTIVE INGREDIENTS:

Alkyl (60%C ₁₄ , 30%C ₁₆ , 5%C ₁₂ , 5%C ₁₈) dimethyl benzyl ammonium chlorides	5.0%
Alkyl (68%C ₁₂ , 32%C ₁₄) dimethyl ethylbenzyl ammonium chlorides	5.0%
INERT INGREDIENTS	90.0%
Total	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panels for additional precautionary statements.

EPA REG. NO. 1839-91
EPA EST. NO. 1839-IL-01

ACCEPTED
with COMMENT
in EPA Letter Dated

STEPAN COMPANY
22 West Frontage Road • Northfield, IL 60093

OCT - 7 1999
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 1839-91

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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 2125[®]M Industrial and/or Commercial Recirculating Cooling Water Tower Microbicide is designed to reduce algae and bacteria in cooling tower systems.

Initial Dose: When the system is noticeably fouled, add 12-16 fluid ounces of this product per 1,000 gallons of water contained in the system to provide a concentration of 95 to 125 ppm of this product (9.5 to 12.5 ppm active quaternary). Repeat until control is evident. Apply this product at a point in the system where uniform mixing will take place. When microbial control is evident, add:

Periodic Dose: Add 6-16 fluid ounces of this product per 1,000 gallons of water contained in the system (5 to 12.5 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. In case of re-infestation of the system to a noticeable extent, the initial dosage range should be applied until control is again evident. Apply this product at a point in the system where uniform mixing will take place.

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

OCT - 7 1999

Under the Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 1839-91

Stepan Company
Northfield, IL 60093
EPA Reg. No. 1839-91

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Amend 7/9/99

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 1839-91

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 and rubber gloves when handling. May be fatal if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

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.

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.

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.

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