

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG 15 1997

Stepan Company  
22 West Frontage Road  
Northfield, IL 60093

Subject: BTC 99  
EPA Registration Number 1839-129  
Amendment Dated June 17, 1997

Attn: Leo Dringoli  
Manager, Product Registration


The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Please update your Confidential Statement of Formula (CSF) to comply with PR Notice 91-2. The ingredient statement in the revised label agrees with the CSF.

Submit one (1) copy of the finished label before this product is released for shipment.

If you have any questions about the comments in this letter, you should contact Zenobia Jones at (703) 308-6198.

Sincerely,



Velma Noble  
Acting Product Manager 31  
Regulatory Management Branch 1  
Antimicrobial Division (7510W)

CONCURRENCES

|         |          |  |  |  |  |  |             |
|---------|----------|--|--|--|--|--|-------------|
| SYMBOL  | NOT SLOW |  |  |  |  |  |             |
| SURNAME | Z. Jones |  |  |  |  |  |             |
| DATE    | 8-31-97  |  |  |  |  |  | AUG 15 1997 |

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# BTC<sup>®</sup> 99

## 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  
mes.

**ACTIVE INGREDIENT:**

Didecyl dimethyl ammonium chlorides..... 50.0%

**INERT INGREDIENTS:**..... 50.0%

Total 100.00%

**KEEP OUT OF REACH OF CHILDREN**

### DANGER

See side panels for additional precautionary statements.

EPA REG. NO. 1839-129  
EPA EST. NO. 1839-IL-01

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
AUG 15 1997

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 1839-129

NET CONTENTS

(middle panel)

17 June 1997  
Amend

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

BTC® 99 Industrial and/or Commercial Recirculating Cooling Water Tower Microbicide is designed to control algae and bacteria in cooling tower systems.

**Initial Dose:** Add 2-3 fluid ounces of this product per 1,000 gallons of water contained in the system to provide a concentration of 16 to 23 ppm of this product (8 to 12 ppm active quaternary). Repeat until control is evident. When system is in control, add:

**Periodic Dose:** Add 1-3 fluid ounces of this product per 1,000 gallons of water contained in the system (4 to 12 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. 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 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 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.

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(left panel)

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4 7 4

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER**

KEEP OUT OF REACH OF CHILDREN. Corrosive. Causes eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food. Wash thoroughly with soap and water after handling.

**STATEMENT OF PRACTICAL TREATMENT**

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove contaminated clothing and wash before reuse.

If swallowed, drink promptly large quantities of water. Avoid alcohol. Call a physician immediately.

**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and marine organisms. 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.**

**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. 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 disposed of in a sanitary landfill, incinerated, or if allowed by 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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