

PM 31

1839-139

8/31/98

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**20% 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 slimes.

**ACTIVE INGREDIENT:**

Didecyl dimethyl ammonium chlorides .....20.0%

**INERT INGREDIENTS:** .....80.0%

Total 100.00%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

See side panels for additional precautionary statements.

EPA REG. NO. 1839-139

EPA EST. NO. 1839-IL-01

**STEPAN COMPANY**

22 West Frontage Road • Northfield, IL 60093

**ACCEPTED**

AUG 31 1998

Under the Federal Insecticide, Fungicide, and  
Rodenticide Act as amended, for the  
pesticide, registered under  
EPA Reg. No. 1839-139

**NET CONTENTS**

(middle panel)

Amend C7/CS/98

### DIRECTIONS FOR USE

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

20% BTC® 99 Industrial and/or Commercial Recirculating Cooling Water Tower Microbicide is designed to control algae and bacteria in cooling tower systems.

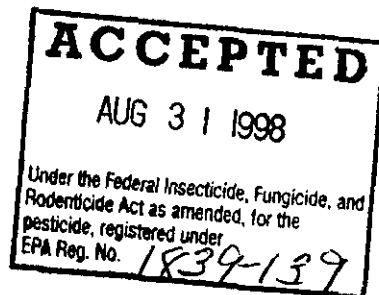
**Initial Dose:** Add 10 to 40 fluid ounces of this product per 1,000 gallons of water contained in the system to provide a concentration of 75 to 315 ppm of this product (15 to 63 ppm active quaternary). Repeat until control is evident. When system is in control, add:

**Periodic Dose:** Add 3.25 to 40 fluid ounces of this product 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. 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.



Stepan Company  
Northfield, IL 60093  
EPA Reg. No. 1839-139

(left panel)

Amend 07/06/98

**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. Remove contaminated clothing and wash before reuse. 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.

If swallowed, promptly drink a large quantity of water. Do not induce vomiting. 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. 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.

**PHYSICAL OR CHEMICAL HAZARDS**

Combustible. Do not use or store near heat or open flame.

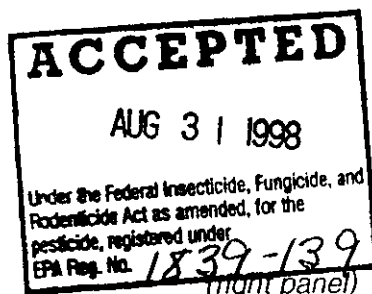
**STORAGE AND DISPOSAL**

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** - Triple rinse (or equivalent). Then 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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