

1839-151

10/09/2002

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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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

OCT - 9 2002

Subject: Cynamic 109 Cynakleer  
EPA Registration No. 1839 -151  
Amendment dated: July 10, 2002  
EPA Received date: July 11, 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

- Change current Trade Name to "50% BTC 1010 Water Treatment Microbicide"
- Update First Aid Statements per PR Notice 2001-1
- Update the Precautionary Statements consistent with Label Review Manual
- Update Environmental Hazards Statements and Addition of Physical/Chemical Hazards

### Label Comments

1. The Primary Brand Name "50% BTC 1010 Water Treatment Microbiocide" is acceptable.
2. Revise the First Aid Statement for dermal exposure and skin irritation to read:  
**If on 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.
3. 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.

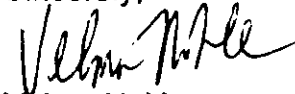
Remove contaminated clothing and wash before reuse.

SYMBOL	7510(2)						
SURNAME	A. Peters						
DATE	10/8/02						

**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,

A handwritten signature in black ink, appearing to read "Velma Noble", written over the printed name.

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

# 50% BTC<sup>®</sup> 1010 WATER TREATMENT MICROBIOCIDES

Water Treatment Microbicide for Building and Industrial Cooling Towers and Oil Field Water Flood or Salt Water Disposal Systems.

## ACTIVE INGREDIENTS

Didecyl dimethyl ammonium chloride ..... 50.0%

INERT INGREDIENTS ..... 50.0%

Total..... 100.0%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

See side panel for additional precautionary statements.

EPA Reg. No. 1839-151

EPA Est. No. 1839-IL-01

STEPAN COMPANY

22 West Frontage Road • Northfield, IL 60093

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

OCT - 9 2002

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 1839-151

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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.

50% BTC 1010 Water Treatment Microbiocide is designed to control algae and bacterial slimes in recirculating cooling towers, oil field water flood, and salt water disposal systems.

### RECIRCULATING COOLING TOWERS

**Initial Dose:** add 6 ounces 50% BTC 1010 per 1000 gallons of water contained in the system to provide a concentration of 23.5 ppm active quaternary. Repeat every 7 days or sooner should visible growth appear.

**Periodic Dose:** add 2 to 3 ounces of this product per 1000 gallons of water contained in the system (8 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 and/or preventing the development of unsanitary slime conditions that are unsightly, produce foul odors, and which are often the cause of equipment breakdown. 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 (8 to 12 ppm active quaternary) is non-corrosive to inanimate hard surfaces.

### OIL FIELD WATER FLOOD OR SALT WATER DISPOSAL

(Do not apply in Marine and Estuarine Oil Fields.)

**Continuous Dose:** To control slime forming and sulfate reducing bacteria (*Desulfovibrio desulficans*) in oil field water disposal systems, add 1 to 3 gallons per 3000 barrels of water (5-16 ppm active quaternary). Levels for effective control will vary depending on conditions at the site.

**Intermittent Dose:** Add 1 to 6 gallons per 3000 barrels of water (5-32 ppm active quaternary) for 4-8 hours per day, 1-4 times per week as needed to maintain control.

Add this product Water Treatment Microbiocide directly from the drum with the proper type of metering equipment.

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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. Harmful if absorbed through skin. 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 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.

### 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.

### 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.**

**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. Return metal drum then 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 you State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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