

BSC WATER TREATMENT MICROBIOCIDE will control algae and bacterial slimes found in recirculating cooling tower waters and oil field water flood. **BSC WATER TREATMENT MICROBIOCIDE** helps clean and loosen slime debris from cooling and flooding system surfaces. When used in slug doses, no other microbiocide is required.

BSC WATER TREATMENT MICROBIOCIDE is economical to use because it is concentrated. It should be handled with care.

Precautionary Statements

Hazards to Humans and domestic animals

DANGER:

Keep Out of Reach of Children. Corrosive. Causes severe 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge treated effluent into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance, contact your regional Office of the Environmental Protection Agency.

PHYSICAL HAZARDS

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME

STORAGE AND DISPOSAL

- DO NOT CONTAMINATE WATER FLOODS (SEEDED BY STORAGE OR DISPOSAL)

- OPEN DUMPING IS PROHIBITED

- DO NOT REUSE EMPTY CONTAINER

PESTICIDE DISPOSAL

PESTICIDE THAT CANNOT BE USED OR CHEMICALLY REPROCESSED SHOULD BE DISPOSED OF IN A LANDFILL APPROVED FOR PESTICIDES OR BURIED IN A SAFE PLACE AWAY FROM WATER SUPPLIES

CONTAINER DISPOSAL

DISPOSE OF IN AN INCINERATOR OR LANDFILL APPROVED FOR PESTICIDE CONTAINERS. BURY IN A SAFE PLACE OR RETURN TO DRUM RECONDITIONER

GENERAL

CONSULT FEDERAL, STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES SUCH AS LIMITED OPEN BURNING

BSC WATER TREATMENT MICROBIOCIDE

Twin-Chain Quaternary Ammonium Compound Concentrate Water Treatment Microbiocide for Building and Industrial Cooling Towers and Oil Field Water Flood or Salt Water Disposal Systems

Active Ingredients:

Alkyl (C ₁₂ , 50%, C ₁₂ , 40%, C ₁₂ , 10%) dimethyl benzyl ammonium chloride	20.0%
Octyl decyl dimethyl ammonium chloride	15.0%
Dioctyl dimethyl ammonium chloride	7.5%
Didecyl dimethyl ammonium chloride	7.5%

Inert Ingredients

50.0%
100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

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 and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No.

EPA Establishment No.

Net Weight

Net Volume

49766-CA-1

425 lbs

55 gals

EDFRED CHEMICAL CORPORATION
1775 SOUTH FIRST STREET SAN JOSE CA 95112

FOR SALE FOR USE AND STORAGE BY MAINTENANCE PERSONNEL ONLY

DIRECTIONS FOR USE

GENERAL CLASSIFICATION

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

To control algae and bacterial slimes, use **BSC WATER TREATMENT MICROBIOCIDE** as directed. For best results, slug feed. The frequency of addition of microbiocide needed depends on many factors. To optimize your use of **BSC WATER TREATMENT MICROBIOCIDE**, follow this procedure:

Recirculating Cooling Towers

- Initially use 6 fluid ounces per 1000 gallons of water to be treated (20 ppm active quaternary). Should the above dosage not give satisfactory results, use 9 fluid ounces per 1000 gallons of water. Repeat the initial dose every seven days or increase the frequency if needed.
- When the above treatment level is successful, use 2 to 3 fluid ounces per 1000 gallons of water to maximize efficiency. Repeat weekly as needed. Should slime develop again, go back to initial dosage.

Cooling tower waters that are inherently low in algae growth and bacteria count may be adequately controlled by the lower range of these dosages slugged every seven days.

Dilute the appropriate amount of **BSC WATER TREATMENT MICROBIOCIDE** in 1 or 2 gallons of water, then add to the tower. Note: this product weighs 7.89 lbs per gallon at 20°C.

Should tower be heavily fouled, a pre-cleaning is required.

Oil Field Water Flood or Salt Water Disposal Systems (Do Not Apply in Marine and Estuarine Oil Fields)

- For the control of slime forming and sulfate reducing bacteria in oil field water flood or salt water disposal systems, add 5 to 10 ppm active **BSC WATER TREATMENT MICROBIOCIDE** (1 to 3 gallons per 1000 barrels of water) continuously. Levels for effective control will vary depending on conditions at the site.
- For interim slug use, dose at a rate of 5.20 ppm (1.5 gallons **BSC WATER TREATMENT MICROBIOCIDE** per 1000 barrels of water) for 4 to 6 hours per day, one to four times a week as needed for interim control.

Apply **BSC WATER TREATMENT MICROBIOCIDE** to the stream with the proper type of metering equipment. This product weighs 7.89 lbs/gallon at 20°C.

ACCEPTED with COMMENTS by EPA...

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JUL 25 1986

Registered under EPA Reg. No. 49766-1

BEST DANGER WATER TREATMENT MICROBIOCIDE

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (MH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO. 	DATE OF ISSUANCE 25 JUL 1984
	TERM OF ISSUANCE 	
	NAME OF PESTICIDE PRODUCT 	
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>		
NAME AND ADDRESS OF REGISTRANT (Include ZIP code) 		
<p>NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p>		
BEST DOCUMENT AVAILABLE		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL 		DATE