

XOTOX™ WATER TREATMENT MICROBIOCIDES will control algae and bacterial slimes found in recirculating cooling tower waters and oil field water flood systems. XOTOX™ WATER TREATMENT MICROBIOCIDES helps clean and loosen some debris from cooling and flooding systems surfaces. When used in slug dosages, no other microbicide is required.

XOTOX™ WATER TREATMENT MICROBIOCIDES 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 a NPDES permit. For guidance contact your Regional Office of the Environmental Protection Agency.

**STORAGE AND DISPOSAL**

- DO NOT CONTAMINATE WATER, FOOD, OR FEED 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

ACCEPTED COMMENTS  
In EPA Letter Dated:  
OCT 19 1982  
EPA Reg. No. 8238-1

**XOTOX™ WATER TREATMENT MICROBIOCIDES**

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 Ingredient**

Didecyl dimethyl ammonium chloride 50%

**Inert Ingredients**

50%

100%

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.	8238-
EPA Establishment No.	8238-NY-1
Net Weight	425 lbs.
Net Volume	55 gals.

HARRIER INDUSTRIES, INC.  
200 East Main St., Port Jervis, NY 12771

FOR SALE FOR USE AND STORAGE BY MAINTENANCE PERSONNEL ONLY

**DIRECTIONS FOR USE**

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 XOTOX™ WATER TREATMENT MICROBIOCIDES as directed. For best results, slug feed. The frequency of addition of microbicide needed depends on many factors. To optimize your use of XOTOX™ WATER TREATMENT MICROBIOCIDES, follow this procedure:

**Recirculating Cooling Towers**

1. Initially use 8 fluid ounces per 1000 gallons of water to be treated (20 ppm active quaternary).

Should the above dosage not give satisfactory results, use 8 fluid ounces per 1000 gallons of water.

Repeat the initial dose every seven days or increase the frequency if needed.

2. 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; slug feed every seven days.

3. Use the appropriate amount of XOTOX™ WATER TREATMENT MICROBIOCIDES in 1 or 2 gallons of water, then add to the tower. Note, this product weighs 7.73 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)**

1. For the control of slime forming and sulfate reducing bacteria in oil field water flood or salt water disposal systems, add 5-10 ppm (active) XOTOX™ WATER TREATMENT MICROBIOCIDES (1½ - 3 gallons per 3000 barrels of water) continuously. Levels for effective control will vary depending on conditions at the site.

2. For intermittent use, dose at a rate of 5-20 ppm (active) XOTOX™ WATER TREATMENT MICROBIOCIDES (1½ - 6 gallons per 3000 barrels of water) for 6-8 hours per day, one to four times a week as needed to maintain control.

Add XOTOX™ WATER TREATMENT MICROBIOCIDES directly from the drum with the proper type of metering equipment. This product weighs 7.73 lbs/gallon (at 20°C).

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGIS/REYION NO.	DATE OF ISSUANCE
	8238-41	19 01 1982
	TERM OF ISSUANCE	
<b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	NAME OF PESTICIDE PRODUCT	
	Xotox™ Water Treatment Microbiocide	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)		
Barrier Industries, Inc. 200 East Main Street Port Jarvis, NY 12771		
<b>NOTE:</b> 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.		
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.		
A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.		
Registration is in no way to be construed as an endorsement 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.		
This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:		
1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.		
2. Make the labeling changes listed below before you release the product for shipment:		
a. Add the phrase "EPA Registration No. 8238-41."		
b. For the label size submitted, the STORAGE AND DISPOSAL heading and the Child Hazard Warning "KEEP OUT OF REACH OF CHILDREN" would require a 12 point type size minimum, and the signal word DANGER (front panel only) would require an 18 point type size minimum.		
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.		
<input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE		DATE
SIGNATURE OF APPROVING OFFICIAL <i>James M. Banks</i> <i>John H. Lee</i>		

EPA Form 8270-6 (Rev. 3-76)

PREVIOUS EDITION MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

BEST DOCUMENT AVAILABLE

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

*James H. Barber*  
for

John H. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (25-767)

Enclosure

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