

MICROBIOCIDE-70 will control algae and bacterial slimes found in recirculating cooling tower waters and oil field water flood.

MICROBIOCIDE-70 helps clean and loosen slime debris from cooling and flooding system surfaces. When used in slug doses, no other microbiocide is required.

MICROBIOCIDE-70 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.

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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply in marine and/or estuarine oil fields. Do not discharge 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.



LESTER

MICROBIOCIDE-70

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% |

DANGER: KEEP OUT OF REACH OF CHILDREN

Corrosive. Causes severe eye and skin damage. Harmful or fatal if swallowed. 337-68

See Left Panel for Additional Precautionary Statements

EPA Reg. No. 337-68

EPA Est. No. 337-GA-1

NET CONTENTS: Gallons

Manufactured By

LESTER LABORATORIES

ATLANTA, GEORGIA, U.S.A. 30344

BEST DOCUMENT AVAILABLE



LESTER

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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.

To control algae and bacterial slimes, use MICROBIOCIDE-70 as directed. For best results, slug feed. The frequency of addition of microbicide needed depends on many factors. To optimize your use of MICROBIOCIDE-70, follow these procedures:

RECIRCULATING COOLING TOWERS

1. Initially use 6 fluid ounces per 1,000 gallons of water to be treated (20 ppm active quaternary).

Should the above dosage not give satisfactory results, use 9 fluid ounces per 1,000 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 1,000 gallons of water to maximize efficiency. Repeat weekly as needed.

Should slime develop again, go back to initial dosage.

For cooling tower waters that are inherently low in algae growth and bacteria count may be adequately con-

trolled by the lower range of these dosages, slug feed every seven days

Dilute the appropriate amount of MICROBIOCIDE-70 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 precleaning 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) MICROBIOCIDE-70 (1½-3 gallons per 3,000 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) MICROBIOCIDE-70 (1½-6 gallons per 3,000 barrels of water) for 4-8 hours per day, one to four times a week as needed to maintain control.

Add MICROBIOCIDE-70 directly from the drum with the proper type of metering equipment. This product weighs 7.73 lbs. per gallon (at 20° C).

BEST DOCUMENT AVAILABLE