

AK-100 WATER TREATMENT MICROBIOCIDE will control algae and bacterial slimes found in recirculating cooling tower waters. **AK-100 WATER TREATMENT MICROBIOCIDE** helps clean and loosen slime debris from cooling system surfaces. When used in slug doses, no other microbiocide is required.

AK-100 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 product is toxic to fish. Do not discharge into lakes, streams, ponds, or public water unless in accordance with an NPDES permit. For guidance contact regional EPA office.

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

AK-100 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 Ingredient

Didecyl dimethyl ammonium chloride	50%
<u>Inert Ingredients</u>	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

<u>EPA Registration No.</u>	37327-1
<u>Net Weight</u>	425 lbs.
<u>Net Volume</u>	55 gals.

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Directions for Use GENERAL CLASSIFICATION

This is a violation of Federal Law to use in a manner inconsistent with its label. To control algae and bacterial slimes, use AK-100 as directed. For best results, the frequency of addition of microbiocide depends on many factors. To optimize use of AK-100, follow this procedure.

Recirculating Cooling Towers

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

Cooling tower waters that are infested with algae growth and bacteria can be adequately controlled by the above dosages; slug fed every several weeks.

Dilute the appropriate amount of AK-100 in 100 gallons of water, then add to the cooling tower product weight: 7.73 lbs per gallon.

Should tower be heavily fouled, a cleaning is required.

Oil Field Water Flood or Salt Water Disposal Systems: (Do not apply in Marine Oil Fields)

1. For the control of slime forming bacteria in oilfield salt water disposal systems, (active) AK-100 (1½ — 3 gal barrels of water) continuous effective control will vary with conditions at the site.
2. For intermittent use, dose at 100 ppm (active) AK-100 (1½ — 3000 barrels of water) for 4-8 one to four times a week maintain control. Add AK-100 directly from the proper type of metering equipment weighs 7.73 lbs/gallon (at 20°C)

REPT
SEP 09 1980
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the Pesticide Act, registered under EPA Reg. No. 37327-1