

The presence of foam in recirculating cooling towers impairs the performance of the unit. Loss of heat transfer and pressure fluctuations are two of the problems encountered when foam is present in the recirculating water system.

One of the possible causative agents is the microbicide added to control algae and algae slimes. S-74 Low Foam Water Treatment Microbicide, by design, is a low foaming microbicide. When used as directed, S-74 Low Foam Water Treatment Microbicide will control algae and algae slimes found in recirculating cooling tower waters and not introduce a foam problem.

S-74 Low Foam Water Treatment Microbicide helps clean and loosen slime debris from cooling system surfaces. When used in slug doses, no other microbicide is required.

S-74 Low Foam Water Treatment Microbicide is economical to use because it is concentrated. It should be handled with care.

### 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.

### FIRST AID

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.

ACCEPTED

OCT 23 1975

UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC POISON REGISTERED UNDER NO. 35378-5

Comment

# S-74

## LOW FOAM WATER TREATMENT MICROBICIDE

Twin-Chain Quaternary Ammonium Compound Concentrate

Low Foam Water Treatment Microbicide for Building and Industrial Cooling Towers

### Active Ingredients

Diethyl dimethyl ammonium chloride 50%  
Ethyl alcohol 10%

### Inert Ingredients

40%

### EPA Registration No.

35378-5

### Weight Per Gallon

8.0 Pounds

### Weight / Gallon Active Ingredients

4.8 Pounds

Packaged For

**AQUA/PROCESS CHEMICALS**

Houston, Texas 77025

### DANGER

KEEP OUT OF REACH OF CHILDREN. SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

Net weight of contents shown elsewhere on container.

### USE DIRECTIONS

To control algae and algae slimes, use S-74 Low Foam Water Treatment Microbicide as directed. For best results, slug feed. The frequency of addition of microbicide needed depends on many factors. To optimize your use of S-74 follow this procedure.

1. Initially use 16 fluid ounces per 1000 gallons of water to be treated (60 ppm active quaternary).

Should the above dosage not give satisfactory results, use 21 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 6 to 9 fluid ounces per 1000 gallons of water to maximize efficiency. Repeat weekly as needed.

Should slime develop again, return to initial dosage.

Cooling tower waters that are inherently low in algae growth may be adequately controlled by the lower range of these dosages; slug feed every seven days.

Dilute the appropriate amount of S-74 Low Foam Water Treatment Microbicide in 1 to 2 gallons of water then add to the sump of the tower. Note this product weighs 8.0 lbs. per gallon (at 20°C).

This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams, ponds, or public water. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

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

Do not reuse empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place away from water supplies.

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

ACCEPTED WITH COMMENTS