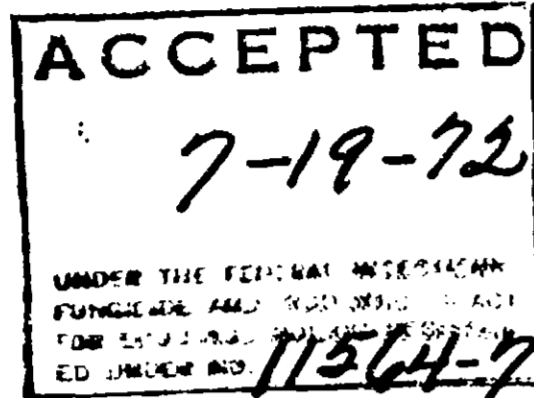


# LSA 302

## COOLING TOWER ALGAECIDE-SLIMICIDE

SLIMICIDE FOR USE IN INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS TO CONTROL THE GROWTH OF BACTERIAL AND ALGAL SLIMES



### ACTIVE INGREDIENTS:

n-Alkyl (50% $C_{14}$ , 40% $C_{12}$ , 10% $C_{16}$ ) dimethyl benzyl ammonium chloride. . . . . 20%

### INERT INGREDIENTS

Water and ethanol. . . . . 80%

## 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 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.

**NOTE:** This product is toxic to fish. Do not discharge treated effluent from cooling towers where it will drain into lakes, ponds, or streams.

**CONTAINER DISPOSAL:** For small containers: Rinse empty container thoroughly with water and discard it. For drums: Do not reuse empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place.

LSA 302 Cooling Tower Algaecide-Slimicide controls algae and slime on the wetted surfaces and in the recirculating water in cooling towers. The growth of algae and slime-producing microorganisms can be avoided by the proper use of LSA-302 Algaecide-Slimicide.

**USE DIRECTIONS:** Badly fouled systems should be cleaned manually before adding LSA-302 Cooling Tower Algaecide-Slimicide.

LSA-302 Algaecide-Slimicide may be applied directly to open sections of the system or LSA-302 Algaecide-Slimicide solutions may be fed by gravity or by mechanical feeders to the pipeline carrying the water to the spray towers.

**INITIAL DOSE:** In a clean system, with no algae or microbial slime growth visible, add three gallons of LSA-302 Algaecide-Slimicide per 20,000 gallons of cooling water. If algae and microbial slime growth are visible, add six gallons of LSA-302 Algaecide-Slimicide per 20,000 gallons of cooling water.

**SUBSEQUENT TREATMENT: Towers With Continuous Feed Equipment:** After the initial dose, maintain a concentration of 10 ppm active ingredient by continuously feeding LSA-302 Algaecide-Slimicide at a rate of one gallon per 20,000 gallons of "bleed-off." If algae or microbial slime growth becomes visible, add three gallons of LSA-302 Algaecide-Slimicide per 20,000 gallons of cooling water as a "slug dose". This "slug dose" should be followed with the regular maintenance concentration of 10 ppm active ingredients.

**Towers Without Continuous Feed Equipment:**

After the initial dose, add one to three gallons of LSA-302 Algaecide-Slimicide per 20,000 gallons of cooling water once per week or more often if needed to control the growth of algae or microbial slime forming organisms. If growth becomes visible, a "slug dose" of three to six gallons of LSA-302 Algaecide-Slimicide should be added to the cooling water. This slug dose should then be followed by the regular maintenance dose.

MANUFACTURED BY LAVAR LABORATORIES

EL PASO, TEXAS

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NET CONTENTS 55 gal Drum