

# INDUSTRIAL WATER COOLING TOWER ALGAECIDE

## 963

### DIRECTIONS FOR USE

*Initial Dose:* 1-2 gallons #963 to each 5,000 gallons of water contained in the system. Repeat until control is evident. When system is in control, add

*Periodic Dose:* 1-3 quarts #963 to each 5,000 gallons of water contained in the system every 7 days or sooner should visible growth appear.

For best results, clean heavily contaminated systems before treatment with this product. If soap or anionic detergent is used, rinse thoroughly before charging with (#963). Apply #963 at a point in the system where uniform mixing will take place.

Do not be alarmed with the sudden appearance of organic debris in the system during the first week of operation. This is normal and is a good indication that #963 has effectively penetrated and dislodged dead organic material which tenaciously adheres to metal and wooden surfaces as living matter. This debris should be removed from the system to avoid clogging of screens and pipes.

### FISH AND/OR WILDLIFE PRECAUTIONS

This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams, ponds or public waters. Apply this product only as specified on this label.

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility including injury or damage, resulting from its misuse as such, or in combination with other materials. Statements concerning the use of these products are not to be construed as recommending the infringement of any patent, and no liability for infringement arising out of any such use is assumed.

Concentrated Algaecide for Industrial re-circulating water cooling towers. Helps keep water cooling tower systems clear and free of visible algae slimes.

### ACTIVE INGREDIENTS:

n-Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>12</sub>, 5% C<sub>18</sub>) dimethyl benzyl ammonium chlorides.....5%  
n-Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>) dimethyl ethylbenzyl ammonium chlorides ..... 5%

INERT INGREDIENTS: ..... 90%  
-----  
100%

EPA Reg. # 12488-4  
NET CONTENTS: \_\_\_\_\_ EPA Est. #12488-MN-1

## DANGER KEEP OUT OF REACH OF CHILDREN

See right side panel for first aid and additional precautionary statements.

**NORMAN CHEMICAL COMPANY**  
1630 CARROLL AVENUE  
ST. PAUL, MINNESOTA 55104

### WARRANTY

When #963 is used as directed, it will aid in controlling and/or preventing the development of unsanitary slime conditions which are unsightly, produce foul odors and which are often the cause of equipment breakdown.

#963 is compatible with virtually all corrosion inhibition additives, but should not be used in the presence of soap or other anionic detergents. #963 at use dilution is non-corrosive to inanimate hard surfaces.

## 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 all contaminated clothing before reuse. If swallowed, drink milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Call a physician.

### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

Rinse empty container thoroughly with water and discard.

AT  
The Federal Government  
12488-4