



## MICROBIOCIDE 7 4 1 1

### DESCRIPTION

7411 Microbiocide is a microbiocide formulated for use in industrial recirculating water cooling towers. It is a highly effective oxidizing microbiocide which will release chlorine when dissolved in the recirculating cooling water. 7411 is a convenient-to-use dry product which can be easily applied to all types of cooling tower systems.

### APPLICATION

7411 is an organic chlorine releasing microbiocide which will effectively control the growth of algal slimes on cooling tower distribution decks, fill, and basins. This product is recommended for use in industrial process cooling towers, air conditioning cooling systems, and evaporative condensers. It is particularly recommended for use in systems where algae growth is especially difficult to control.

### PHYSICAL PROPERTIES

Appearance. White free-flowing granules  
Solubility 28 gms/100 gms water at 25°C  
pH (1% solution)..... 7.00  
Odor .....Slight chlorine  
Density.....16.27

### DOSAGE & FEEDING

Clean badly fouled systems before starting treatment. When algae is first noted, add 0.15 to 0.75 pounds of 7411

per 1,000 gallons of water in the system. Test for total available chlorine by use of a chlorine test kit.

The residual should be 0.5 to 10 ppm total available chlorine. Repeat dosage until the residual concentration is achieved. When control is evident, add 0.03 to 0.15 pound of 7411 per 1,000 gallons of water in the system to give 0.5 to 1.0 ppm total available chlorine residual. Treatment should be done periodically to maintain control. Dissolve the required product dosage in water at a rate of 0.2 pound per gallon and add to the system where the product will be uniformly mixed.

The product can also be fed on a continuous basis.

### HANDLING & PRECAUTIONS

This product is a strong oxidizing agent. Mix only with water. Use clean dry utensils. Contamination by moisture, organic matter, or other chemicals may liberate hazardous gases. Store in a cool, dry, well ventilated area away from heat and open flames. Keep container tightly closed when not in use. Rinse empty container thoroughly with water to dissolve all material before discarding.

### PACKAGING

7411 is available in:

5-gallon pails ..... net wt. 50 lbs.