

## CAUTIONS

Swim Gem Concentrate spilled on unprotected skin area should be immediately flushed with water. Avoid getting Swim Gem Concentrate in eyes. In case of such contact, wash thoroughly with water. If irritation persists, obtain medical attention. Concentrated Swim Gem should not come in contact with food. Swim Gem Concentrate is harmful if swallowed.

Rinse containers thoroughly when emptied.

Swim Gem is also a cleansing agent, and as a result the pool may become cloudy a few days after initial Swim Gem dosage. This cleansing action is advantageous and will vary in degree with the condition of the pool and related equipment. By maintaining proper alkalinity (see below) and continuous filtering, this temporary turbidity will disappear in a few filter cycles.

**POOL WATER:** The pH of the water should be maintained between 7.2 and 7.6. If the pH is below 7.2, add a pH increaser. If the pH is above 7.6, add a pH reducer. The pH should be checked daily.

### DIENOL COEFFICIENTS

The DiEnol Coefficient is a measure of the effectiveness of the disinfectant. It is calculated by dividing the DiEnol value by the DiEnol Coefficient. The DiEnol value is the amount of DiEnol in the water, and the DiEnol Coefficient is the amount of DiEnol required to kill the bacteria. The DiEnol Coefficient is a constant for a given disinfectant.

**ACCEPTED**

2-8-72

UNDER THE FEDERAL INSECTICIDE ACT  
 FUNGICIDE USE PREVENTION ACT  
 FOR EQUIPMENT REGISTERED UNDER NO. 10332-4

# ALGAECIDE CR

**ACTIVE INGREDIENT**

n-Alkyl (50% C<sub>14</sub>, 40% C<sub>12</sub>, 10% C<sub>16</sub>)  
 dimethyl benzyl ammonium chloride ..... 10%

**INERT INGREDIENTS** ..... 90%

EPA Registration No. 10332-4

**DANGER**  
**KEEP OUT OF REACH OF CHILDREN**

Severe eye irritant. May cause eye and skin damage. Do not get in eyes or on skin. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed. Avoid contamination of food.

This product is toxic to fish. Treated effluent should not be discharged where it will drain into lakes, streams or ponds.

**FIRST AID**

In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes then get medical attention promptly. In case of skin contact, flush skin with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before reuse. If swallowed, do not induce vomiting, drink large quantities of fluids and get medical attention immediately.

Rinse empty container thoroughly with water and discard it.

*Manufactured by*  
**Barclay Chemical Company**  
 Watertown, Massachusetts 02172                      Net Contents

ALGAECIDE CR controls algae and slime caused by various types of bacteria growth on the wetted surfaces and in the recirculating water in cooling towers. The growth of algae and slime-producing microorganisms can seriously reduce the efficiency of the entire cooling system. This situation can be avoided by the proper use of ALGAECIDE CR.

**USE DIRECTIONS**

**INITIAL DOSE**

In a clean system, with no algae or microbial slime growth visible, add three gallons of ALGAECIDE CR per 10,000 gallons of cooling water.

If algae and microbial slime growth is visible, add six gallons of ALGAECIDE CR per 10,000 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 ALGAECIDE CR at a rate of one gallon per 10,000 gallons of "bleed-off". If algae or microbial slime growth becomes visible, add three gallons of ALGAECIDE CR per 10,000 gallons of cooling water as a "slug dose". This "slug dose" should be followed with the regular maintenance concentration of 10 ppm active ingredient.

**Towers without continuous feed equipment:**

After the initial dose, add one to three gallons of ALGAECIDE CR per 10,000 gallons of cooling water once per week or more often if needed to prevent algae or microbial slime growth. If growth becomes visible, a "slug dose" of three to six gallons of ALGAECIDE CR should be added to the cooling water. This slug dose should then be followed by the regular maintenance dose.