

**DANGER KEEP OUT OF REACH OF CHILDREN**

Caustic, causes eye damage. May be fatal if swallowed. Do not get in eyes, on skin, or on clothing. Irritating to nose and throat. Avoid breathing dust. May cause burns to broken skin. Wash hands after handling. **FIRST AID:** If swallowed feed small, soaked cereal, or bread soaked in milk, followed by olive oil or cooking oil. In case of eye contact, remove excess material and flush skin or eyes with cold water for at least 15 minutes. For eyes get medical attention. Remove and wash contaminated clothing before reuse.

**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 or open flame. Decomposes at 350 - 475 F with liberation of harmful gases. In case of decomposition, if possible, isolate container in open air. Flood with large amounts of water. Keep container tightly closed when not in use. Rinse empty container thoroughly with water to dissolve all materials before discarding.

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

# GEM CLEAR - 100

## Concentrated Algacide

Gemclear-100 for Control of Algae and Algal Slime Growth in Swimming Pools and Water Cooling Systems.

**ACTIVE INGREDIENTS:**

n Alkyl (60% C14, 30% C16, 5% C12 & 5% C18) dimethyl benzyl ammonium chloride 8.4%

n Dialkyl (60% C14, 30% C16, 5% C12 & 5% C18) methyl benzyl ammonium chloride 1.6%

**INERT INGREDIENT:**

Water 90.0%

100.0%

**DANGER: KEEP OUT OF REACH OF CHILDREN**  
See other precautions and First Aid on side panel.

### SWIMMING POOL DIRECTIONS:

**INITIAL APPLICATION**  
To A Clean Pool:

One gallon Gemclear 100 to each 50,000 gallons of water or ratio thereof. If Algae growth is visible apply the initial dose. Vacuum pool after 24 hours to remove dead algae. If algae is still visible repeat dose as necessary until pool is free of visible algae.

**CONTINUED APPLICATION:**

One quart Gemclear-100 in 50,000 gallons of water every 3-5 days or as needed to maintain 2 ppm active. Quaternary Test Kits are available for this use.

**BOOSTER APPLICATION:**

One quart Gemclear 100 in 50,000 gallons after a heavy or prolonged rainfall or when there is a heavy bathing load.

**THE ABOVE DIRECTIONS SHOULD BE FOLLOWED EVEN WHEN THE POOL IS NOT IN USE**

### COOLING TOWER DIRECTIONS:

**INITIAL APPLICATION**  
To A Clean System:

The dose should be poured into the sump of a system which is clean or in which growth is first noticed. 26.25-51.25 fluid ounces (20 to 40 ppm on an active quaternary basis) per 1000 gallons of contained water. When heavy algae growth is present system will have to be cleaned manually.

**SUBSEQUENT APPLICATION:**

6.65-19.25 fluid ounces (5 to 15 ppm on an active quaternary basis) per 1000 gallons of contained water. **THE ABOVE DIRECTIONS ARE TO BE FOLLOWED TWICE WEEKLY OR AS NEEDED.**

If algae growth is noticeable, apply the initial dose.

EPA Est. No. 7296-OH-1

NET CONTENTS:

EPA Reg. No. 7296-12

KEEP FROM FREEZING

1287 AIR CITY AVE

# Gem City Chemicals, Inc.

DAYTON, OHIO 45404

**ACCEPTED**  
MAR 19 1976  
U.S. Dept. of Agriculture  
Federal Insecticide, Fungicide, and Rodenticide Act  
EPA Reg. No. 7296-12  
registered under