

# AQUACIDE 100

**ACTIVE INGREDIENT**  
CALCIUMHYPOCHLORITE •  
**INERT INGREDIENTS**  
• Available Chlorine

68%

32%

0 SEP 1994

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

**CONTAMINATION MAY CAUSE FIRE! MIX ONLY INTO WATER!**

**FIRST AID:** For all treatment: **IF ON SKIN:** Brush off excess chemical and flush skin with water for at least 15 minutes. If irritation persists, get medical attention. **IF INHALED:** Move person to fresh air. Call a physician immediately. **IF IN EYES:** Flush with cold water for at least 15 minutes. Call a physician immediately. **IF SWALLOWED:** Drink large quantities of water. Do not vomit. Call a physician immediately.

## PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS:** DANGER: Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin, or on clothing. Do not breathe with bare hands. Wear goggles or face shield and use rubber gloves and other protective equipment when handling. Irritating to nose and throat. Avoid breathing dusts or fumes. Remove and wash contaminated clothing before reuse.

**CHEMICAL HAZARDS:** DANGER: Strong oxidizing agent. Mix only into water. Contact may result in a chemical reaction, with generation of heat, liberation of hazardous gases, vapors, fumes, and explosion. Avoid any contact with flame or burning material, such as oil, grease, etc. Do not combine with moisture, garbage, dirt, organic matter, chemicals, acids, or other products, including pool chlorinating compounds, household products, cyanuric acid, urea, algaecides, herbicides, paint products, solvents, acids, vinegar, beverages, oils, pine oil, or other flammable or combustible material. Do not use moist or damp utensils.

**ENVIRONMENTAL HAZARD:** This product is toxic to fish and aquatic organisms. Do not use in or near streams, rivers, creeks, or other waters. Do not use in or near wetlands. Do not use in or near the equipment or the disposal of wastes. Do not discharge or dump this product into lakes, streams, ponds, estuaries, oceans or other waters. Do not use in or near the riparian habitat of a National Pollutant Discharge Elimination System (NPDES) point source unless it has been notified in writing prior to discharge. Do not discharge this product into sewer systems without previously notifying the local sewerage authority. For more information, contact your State Water Board or Regional Office (EPA).

**AQUA SCIENCE, INC.**  
1601 Woodland Avenue  
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EPA REG. NO. \_\_\_\_\_ EPA EST. NO. 52823-OH-1  
NET CONTENTS \_\_\_\_\_

**DIRECTIONS FOR USE:** It is a violation of federal law to use this product in a manner inconsistent with its labeling. This product is a concentrated chlorinating agent in a dry, free-flowing form which controls growth of algae and effectively kills many bacteria. Measure only with the clean, dry cup provided. Do not use the cup for any other purpose.

## EMERGENCY DISINFECTION AFTER MAIN BREAKS

**MAINS -** Before assembly of the repaired section, flush out main and section. Flush a water flow of at least 2.5 feet per minute to continue under pressure while injecting this product. Measure with a hypochlorinator. Stop water flow when a chlorine residual level of 5 ppm is obtained at the low pressure end of the new main section after a 24 hour retention time. When chlorine residual is completed, the system must be flushed free of all heavily chlorinated water.

## COOLING TOWER/EVAPORATIVE CONDENSER WATER

**SLUG FEED METHOD - Initial Dose:** When system is shut down, add 10 to 20 oz. of this product per 10,000 gallons of water in the system to obtain a residual of 5 ppm available chlorine. Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 2 oz. of this product per 10,000 gallons of water in the system daily, or as needed to maintain control and keep the residual at 1 to 2 ppm. Badly fouled systems must be cleaned before treatment is begun.

**INTERMITTENT FEED METHOD - Initial Dose:** When system is shut down, add 10 to 20 oz. of this product per 10,000 gallons of water in the system to obtain a residual of 5 ppm available chlorine. Apply half (or 1/3, 1/4, or 1/5) of the initial dose each time until a residual of 1 to 5 ppm of the water in the system has been lost by blowdown.

**Subsequent Dose:** When microbial control is evident, add 2 oz. of this product per 10,000 gallons of water in the system to obtain a 1 ppm residual. Apply half (or 1/3, 1/4, or 1/5) of the initial dose when half (or 1/3, 1/4, or 1/5) of the water in the system has been lost by blowdown. Badly fouled systems must be cleaned before treatment is begun.

**CONTINUOUS FEED METHOD - Initial Dose:** When system is shut down, add 10 to 20 oz. of this product per 10,000 gallons of water in the system to obtain a residual of 5 ppm available chlorine.

**Subsequent Dose:** Maintain this treatment level by starting a continuous feed of 2 oz. of this product per 3,000 gallons of water lost by blowdown to maintain a residual of 1 to 2 ppm. Badly fouled systems must be cleaned before treatment is begun.

**BRIQUETTES OR TABLETS - Initially:** slug dose the system with 10 to 20 oz. of this product per 10,000 gallons of water in the system. Badly fouled systems must be cleaned before treatment is begun.

**Subsequent Dose:** When microbial control is evident, add 2 oz. of this product per 10,000 gallons of water in the system daily, or as needed to maintain control and keep the residual at 1 to 2 ppm. Badly fouled systems must be cleaned before treatment is begun.

**STORAGE AND DISPOSAL:** Keep this product dry in a tightly closed container in a cool, dry place. Do not reuse empty container. Rinse empty container thoroughly with water before discarding. Store in a cool, dry, well-ventilated area away from heat, open flame. In case of decomposition, isolate container (if possible) and flush down with large amounts of water to dissolve all material before discarding this container. Place in trash collection. Do not contaminate water, food or feed by storage or disposal.

UN-2880

RQ CALCIUM HYPOCHLORITE, HYDRATED