

DATA  
1007

**PRECAUTIONARY STATEMENTS**

**HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS  
KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**CAUSES EYE DAMAGE, CAUSES SKIN IRRITATION, ESPECIALLY TO BROKEN SKIN.**

**HARMFUL IF SWALLOWED**

Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling this product. Remove and wash contaminated clothing before reuse.

**STATEMENT OF PRACTICAL TREATMENT**

If in EYES: Flush with plenty of water for at least 15 minutes. Call a physician.

If ON SKIN: Wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse.

If SWALLOWED: Drink promptly a large quantity of milk, egg whites, peanut oil or if these are not available, great help elsewhere or water. Avoid alcohol. Call a physician immediately.

**NOTE TO PHYSICIAN**

Resists mucosal damage may contraindicate the use of gastric lavage. Measure against respiratory shock, respiratory depression and convulsion may be needed.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage disposal.

Do not store on site.

Avoid creating or impacting of side effects.

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

**PESTICIDE DISPOSAL**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray of product or mixture is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representatives at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL**

Triple rinse for containers, then offer for recycling or reconditioning or puncture and depress of in a sanitary landfill, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**ALPHA CHEM MICROBIOCIDE-100  
FOR USE IN RECIRCULATING WATER COOLING TOWERS**

**ACTIVE INGREDIENTS:**

2-Amyl-60% C14, 40% C12, 10% C18 dimethyl acetyl ammonium chloride	10%
<b>INERT INGREDIENTS:</b>	90%
<b>TOTAL:</b>	100%

**ONLY FOR SALE TO, USE, AND STORAGE BY SERVICE PERSONS**

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

See label panels for additional precautionary and practical treatment statements.

EPA REG. NO. 10634-S  
EPA EST. NO. 10634-MA-1

**ALPHA CHEMICAL SERVICES INC.  
STOUGHTON, MASSACHUSETTS 02072**

**DIRECTIONS FOR USE - General Classification**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Alpha Chem Microbiocide-100 is for use in industrial recirculating open water systems to control the growth of algae, fungi and bacteria.

Product should be added at a point in the tower where it will be thoroughly mixed with the recirculating water. Either measured into the circulating water or the water added to the sump or mixed into the recirculating line.

**INITIAL DOSE**

In a clean system with no signs of microbial slime growth visible, add three gallons of Alpha Chem Microbiocide-100 per 10,000 gallons of cooling water. If signs of microbial slime growth are visible, add six gallons of Alpha Chem Microbiocide-100 per 10,000 gallons of cooling water.

**SUBSEQUENT TREATMENT**

**Tower With Continuous Feed Equipment**

At the initial dose, maintain a concentration of 10 ppm active ingredient by continuously feeding Alpha Chem Microbiocide-100 at a rate of one gallon per 10,000 gallons of "break-off". If signs of microbial slime growth becomes visible, add three gallons of Alpha Chem Microbiocide-100 per 10,000 gallons of cooling water as a "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 Alpha Chem Microbiocide-100 per 10,000 gallons of cooling water once per week or more often if needed to prevent signs of microbial slime growth. If growth becomes visible, a "slug dose" of three to six gallons of Alpha Chem Microbiocide-100 should be added to the cooling water. This slug dose should then be followed by the regular maintenance dose.

**TREATMENT OF TOWER, PASTEURIZING AND CONTAINER WASHING**

**Manual Addition**

1. In lines with other turret pasteurizers or sprayer systems that have been thoroughly cleaned first, add 15 oz. Alpha Chem Microbiocide-100 to 200 gal. of water. This will provide an initial concentration of 800 ppm of product.
2. Alpha Chem Microbiocide-100 should be added on a daily basis in proportion to the amount of water used.
3. Alpha Chem Microbiocide-100 should be added to each compartment of the pasteurizer or washer if the pump will be possible equal distribution throughout.

**Automatic Addition**

Alpha Chem Microbiocide-100, when added proportionately to water, usage should be pre-set at a concentration of 48 PPM OF ACTIVE INGREDIENT - 10 oz. to 200 gal. of water.

**Dosing Table**

10 oz. Alpha Chem Microbiocide-100 to 200 gal. of water equals 40 ppm of active ingredient. 15 oz. of Alpha Chem Microbiocide-100 to 200 gal. of water equals 60 ppm of active ingredient.

**ACCEPTED**  
  
APR 02 1987  
  
Use for the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 10634-5

**BEST AVAILABLE COPY**