

**CLOW**

Water Management Division  
 Clow Corporation  
 408 Auburn Avenue  
 Pontiac, Michigan 48058

# CLOW 3812

**ACCEPTED**

FEB 05 1981

Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act,  
 as amended, for the pesticide  
 registered under  
 EPA Reg. No. 9640-27

**MICROBIOCIDES**

EPA REG. NO. 9640-27

EPA EST. NO. 9640-MI-1

**TO CONTROL BACTERIA, FUNGI, AND ALGAE IN RECIRCULATING COOLING WATER SYSTEMS****Active Ingredients:**

n-Alkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> )	12.5%
dimethyl benzyl ammonium chlorides	
Bis(tributyltin) oxide	2.4%

**Inert Ingredients:**

85.1%
100.0%

Weight per gallon	8.41 lbs.
-------------------	-----------

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

**FIRST AID: SKIN AND EYES:** In case of contact, immediately flush with plenty of water for at least 15 minutes. For eyes, call a physician. **INGESTION:** If swallowed drink milk, egg whites, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Call a physician.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Do not get in eyes, on skin, or on clothing. Causes severe skin irritation, especially to broken skin. Causes eye damage. May be fatal if swallowed. Avoid breathing fumes or mist. Wear goggles or face shield and rubber gloves when handling this product. Remove and wash contaminated clothing.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds or public waters unless in accordance with an NPDES permit. For guidance contact your Regional Office of the EPA.

**Directions for Use****GENERAL CLASSIFICATION**

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

Dosages will vary dependent on the severity and nature of the biological growths in the system.

**Initial dosage:** For microbial control in industrial recirculating water systems, apply an initial dosage of 5.1 to 50.8 fluid ounces per 1,000 gallons of water treated (40-400 ppm). Repeat this dose as needed to achieve control. Badly fouled systems should be pre-cleaned prior to initiating treatment.

**Subsequent dosages:** Once control is achieved, apply 2.5 to 25.4 fluid ounces per 1,000 gallons of water treated (20-200 ppm) once a week, or as needed to maintain control. Locally severe and persistent growths may be controlled by a continuous feed of product at a dosage of 2 to 20 ppm, or as required to maintain control.

**Feeding:** Feed undiluted product directly to a point in the system where maximum mixing and uniform distribution will occur, such as the cooling tower sump.

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. **PESTICIDE DISPOSAL:** Pesticide, spray mixture, or rinsate that cannot be used or chemically reprocessed should be disposed of according to procedures approved by federal, state, or local disposal authorities. **CONTAINER DISPOSAL:** Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill or bury in a safe place. **GENERAL:** Consult federal, state, or local disposal authorities for approved alternative procedures.

FOR INDUSTRIAL USE ONLY

Lbs. Net Wt. **30**