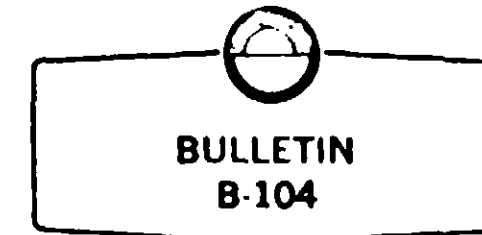


# ALGICIDE 104



## DESCRIPTION

Algicide 104 is a pelletized algicide containing 70% available chlorine.

## PURPOSE

Algicide 104 kills and disintegrates algae and slime growths in recirculating cooling water systems and prevents organic fouling of heat exchangers.



## BENEFITS AND ADVANTAGES

1. Provides chlorine treatment which is one of the most effective and widely accepted methods of controlling the growth of micro-organisms.
2. The pellets gradually dissolve and provide chlorination for a one-to-four hour period. The longer contact time helps provide a better killing action at a lower chlorine concentration.
3. The oxidizing action of the chlorine helps remove coatings of slimy organic matter that may be restricting water flow and heat transfer.

## AMOUNT REQUIRED

Approximately 30 pellets per 100 tons of cooling tower capacity, or one to two pellets for each 100 gallons of water in the system, is recommended. Where there is heavy slime and organic matter, a higher dosage is required to react with the organic matter. The frequency of treatment may vary from once a day to once a month, depending upon how severe the problem is.

## METHOD OF FEEDING

The pellets should be placed in a corrosion resistant feeding container suspended at least 2" from the bottom of the sump or in water at a point where there is good water flow. Care should be taken that the pellets are not in direct contact with metal or wood.

## SPECIFICATIONS

Appearance ..... White pellets  
Particle Size .....  $\frac{3}{4}$ " diameter x  $\frac{3}{8}$ " thick  
Bulk Density ..... 80 to 90 lbs./cu. ft.  
Odor ..... Chlorine

## PACKAGING, HANDLING AND STORAGE

Available in 40-lb. and 100-lb. net non-returnable containers.

May produce severe chemical burns. Do not get on skin or in eyes. In case of skin or eye contact, flush with plenty of water. If irritation persists, seek medical attention.

Algicide 104 is a strong oxidizing agent. Keep in cool, dry place. Do not allow chemical to come in contact

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**CONTROL**

Test the water with a chlorine test kit and repeat dosage as needed to obtain 1 to 2 ppm of chlorine in the recirculating water for at least one hour.

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Algicide 104 is a strong oxidizing agent. Keep in cool, dry place. Do not allow chemical to come in contact with heat, acids, combustible or oxidizable material. Clean up spillage immediately. Dispose of unusable chemical and empty containers following the above handling precautions.

LOS ANGELES

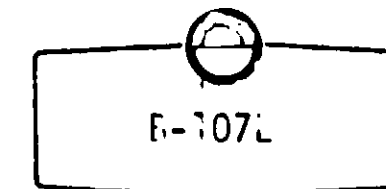
LAS VEGAS

SAN DIEGO

SAN JOSE



ALGICIDE 107L



DESCRIPTION

Algicide 107L is a non-oxidizing cationic-base biocide that is highly effective on bacterial slimes and algae.

PURPOSE

Controls algae and bacterial slime growths without oxidizing organic scale inhibiting treatment or affecting wood or metal in cooling tower systems. It should not be used in drinking water but may be used in swimming pools and air washers.

BENEFITS AND ADVANTAGES

1. Controls slime growths which interfere with heat transfer.
2. Has built-in dispersing action and will not cause foam or odcr.
3. Is non-corrosive to metals in the system.
4. A ready-to-use liquid which can be slug fed or drip fed.
5. Will not oxidize other organic water treatment chemicals.

AMOUNT REQUIRED

An initial slug addition of 5.0 to 12.5 fluid ounces of Algicide 107L per 1000 gallons of water, to provide a concentration of 40 to 100 parts per million of Algicide 107L based on the total weight of water in the system, is recommended. Subsequent slug additions of 1.25 to 12.5 fluid ounces of Algicide 107L per 1000 gallons of water (10 to 100 parts per million of Algicide 107L) should be employed every 2 to 5 days or as needed. The frequency of addition depends upon the relative amount of bleedoff and the severity of the microbiological problem.

METHOD OF FEEDING

Algicide 107L may be slug fed or drip fed directly into the sump of a system, into a slug feeder, or into a feeder on the outside of the tower. With the No. 15 feeder the feed rate is approximately 2/5 gallon/month/foot of head.

SPECIFICATIONS

Appearance.....tan liquid  
 Weight per gallon.....8.5 lbs.  
 pH.....5 to 6

PACKAGING, HANDLING AND STORAGE

Algicide 107L is available in 4 x 1 gallon, 5, 30 and 55-gallon containers. Product is harmful if swallowed. Avoid contamination of food or contact with eyes and follow directions on label.

(11/1)

LOS ANGELES      LAS VEGAS      SAN JOSE      SAN DIEGO      PHOENIX