

# GERMICIDE 3112

## Table of Proportions

### AVAILABLE CHLORINE:

7000 P.P.M.  
Use 27 cc. in 5 gallons water

1000 P.P.M.  
Use 3.7 cc. in 5 gallons water

500 P.P.M.  
Use 1.8 cc. in 5 gallons water

250 P.P.M.  
Use .9 cc. in 5 gallons water

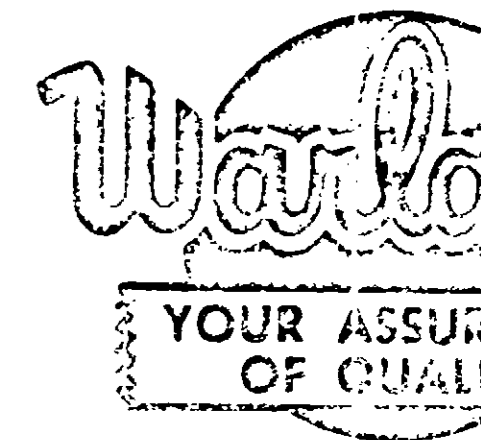
125 P.P.M.  
Use .45 cc. in 5 gallons water

70 P.P.M.  
Use .27 cc. in 5 gallons water

35 P.P.M.  
Use .13 cc. in 5 gallons water

7 P.P.M.  
Use .27 cc. in 125 gallons water

Do not soak overnight. Keep in cool place. Rub and lead will remove strength.



# GERMICIDE

A Chlorine Bearing Disinfectant  
For General Use  
Milk Plants — Food Processing  
Water Treatment —

ACTIVE INGREDIENTS:  
Sodium Hypochlorite Min.  
INERT INGREDIENTS Max.

CAUTION  
KEEP OUT OF REACH

See Side Panels for  
Manufacture  
WARREN-DOUGLAS CO.

Sioux City, Iowa OMAHA, NEB.

NET CONTENTS

Left Side Panel

See Directions Attached

WARREN-DOUGLAS  
Sioux City, Iowa

(Left Panel)

### MILK PLANT SANITIZATION WITH GERMICIDE S-12

**EQUIPMENT:** One ounce to 1 gallon water will give a 200 ppm solution of available chlorine. After cleaning and just prior to use, all equipment surfaces should be exposed to the germicide for a period of not less than one minute to provide adequate treatment. Do not rinse equipment with water after treatment.

**BOTTLE CHLORINATION:** Just prior to filling operation, sanitize bottles with a 50 ppm solution of available chlorine. Test solution frequently; do not allow available chlorine to fall below 50 ppm.

**CHEESE PLANT SANITIZATION:** After cleaning and assembling equipment in the morning, sanitize with a 200 ppm of available chlorine. Mix solution in the wash tank and circulate through all equipment to floors, etc.

**BUTTER PLANT SANITIZATION:** After cleaning equipment—pipelines, tanks, coolers, separators, pasteurizing vats, and holding tanks, sanitize with a 200 ppm solution of available chlorine. Sanitize churns with 200 ppm of available chlorine. Starter tanks, before use, should be sanitized with a 50 ppm solution of available chlorine. Butter can water should contain 10 ppm of available chlorine.

### FOOD PROCESSING PLANTS SANITIZATION WITH GERMICIDE S-12

**CANNING PLANTS:** Sanitize all surfaces with a 200 ppm solution of available chlorine. Tanks, vats, conveyors, and equipment should be 200 ppm of available chlorine. 10 ppm of available chlorine should be maintained in the cooling condenser.

**MEAT PACKING PLANTS:** Clean all surfaces with a 200 ppm solution of available chlorine. Coolers should be cleaned with a 500 ppm solution of available chlorine. Floors should be cleaned with a 500 ppm solution of available chlorine. Vats should be cleaned with a 500 ppm solution of available chlorine. Vats should be cleaned with a 500 ppm solution of available chlorine. Vats should be cleaned with a 500 ppm solution of available chlorine.

**CAUTION:** Avoid contact with skin. 200 ppm of available chlorine on surfaces

# APPLICATIONS

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**ACCEPTED**

**UNDER THE FEDERAL INSECTICIDE  
 FUNGICIDE AND RODENTICIDE ACT  
 FOR ECONOMIC POISON REGISTERED  
 UNDER NO. 12,142**



# CAUTION!

**Keep Out of the Reach of  
 HARMFUL IF SWALLOWED  
 DO NOT GET IN EYES  
 AVOID CONTACT WITH SKIN**

In case of contact, flush with water for at least 15 minutes. If irritation persists, GET MEDICAL ATTENTION.

**AVOID FOOD CONTAMINATION**

Rinse empty container thoroughly with water and discard container. Destroy empty container. Destroy by puncturing, crushing, or discarding in place away from water. This product is toxic to fish. Treatments should not be discharged into swimming pools, hot tubs, or other water bodies.

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<p><b>WARLINGTON CHEMICAL COMPANY, INC.</b></p>	

## APPLICATION

WARLASCO TOWER ALGAECIDE NF is used to control algae, bacteria, and fungi in recirculating commercial and industrial water cooling towers. Prior to its use, systems must be cleaned to remove algal growth, inorganic biological slime and other deposits. An initial slug addition of 6.13 to 15.02 fluid ounces of WARLASCO TOWER ALGAECIDE NF per 1,000 gallons of water to provide a concentration of 48 to 120 parts per million of WARLASCO TOWER ALGAECIDE NF based on the total weight of water in the system is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 1.50 to 15.02 fluid ounces of WARLASCO TOWER ALGAECIDE NF per 1,000 gallons of water (12 to 120 parts per million of WARLASCO TOWER ALGAECIDE NF) should be employed every 2 to 5 days as needed. The effectiveness of WARLASCO TOWER ALGAECIDE NF is dependent on the amount of sludge and debris in the system. Sludge and debris should be removed from the system regularly.



### COMPOSITION:

Active ingredient: 100% available chlorine  
 Total weight of active ingredient per gallon: 1.00 pounds  
 Weight of active ingredient per gallon: 0.57 pounds

MADE IN U.S.A.  
 U.S. PATENT OFFICE REG. NO. 1,450,000  
 U.S. PATENT OFFICE REG. NO. 1,450,001

WARLASCO CHEMICAL COMPANY, INC.  
 1000 W. 10th Street, Tulsa, Oklahoma 74103

## CAUTION

Keep Out of the Reach of Children  
 HARMFUL IF SWALLOWED  
 DO NOT GET IN EYES  
 AVOID CONTACT WITH SKIN

In case of contact, flush with water for at least 15 minutes. If irritation persists, GET MEDICAL ATTENTION.

### AVOID CONTAMINATION

This product is toxic to fish. Do not discharge treated effluent where it can contaminate water by cleaning or disposal of wastes. Use only as directed on label.

### DO NOT REUSE EMPTY DRUMS

Return to drum reconditioner by perforating or crushing and disposing in a safe place.

ACCEPTED  
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