

2021-31

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# CHLORINE SANITIZER BLEACH

## 590

EPA Reg. No. 2021-31  
EPA Est. No. 2021-OH-1

<b>ACTIVE INGREDIENT</b>	
Sodium hypochlorite .....	12.5%
<b>INERT INGREDIENTS:</b>	
TOTAL .....	100.0%

KEEP OUT OF REACH OF CHILDREN

## DANGER

STATEMENT OF PRACTICAL TREATMENT (FIRST AID)

- IF CONTACT WITH EYES OCCUR**, flush with water for at least 15 minutes. Get prompt medical attention.
- IF CONTACT WITH SKIN OCCURS**, wash with plenty of soap and water.
- IF SWALLOWED**, drink large quantities of water. DO NOT induce vomiting. Call a physician or Poison Control Center immediately.

Manufactured for: See side panel for additional precautionary statements.

# ACCEPTED

MAY 24 2000

Under The Federal Insecticide, Fungicide and  
Rodenticide Act, as amended, for the  
pesticide registered under

2021-31

# NAMICO

11641 Pike Street  
30692 Tracy Road  
INC. 4601 Flat Rock Road

Santa Fe Springs, CA 90670-2937 (562) 908-0405  
Walbridge, OH 43465-9998 (419) 666-8610  
Philadelphia, PA 19127-4684 (215) 482-6600

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.  
**NOTE:** This product degrades with age. Use a Chlorine test kit and increase dosage as necessary, to obtain the required level of available Chlorine.

#### SANITIZATION OF NONPOROUS FOOD CONTACT SURFACES

**Rinse Method:** A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 1 oz. of this product with 10 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 2 oz. of this product with 10 gallons of water to provide approximately 200 ppm available chlorine by weight.

Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm residual. Do not rinse equipment with water after treatment and do not soak equipment overnight.

Sanitizers used in automated systems may be used for general cleaning, but may not be reused for sanitizing purposes.

**Immersion Method:** A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not dip below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 1 oz. of this product with 10 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 2 oz. of this product with 10 gallons of water to provide approximately 200 ppm available chlorine by weight.

Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm residual. Do not rinse equipment with water after treatment.

Sanitizers used in automated systems may be used for general cleaning, but may not be reused for sanitizing purposes.

**Flow/Pressure Method:** Disassemble equipment and thoroughly clean after use. Assemble equipment in operating position prior to use. Prepare a volume of 200 ppm available chlorine sanitizing solution equal to 110% of volume capacity of the equipment by mixing the product in a ratio of 2 oz. product with 10 gallons of water. Pump solution through the system until full flow is obtained at all extremities, the system is completely filled with the sanitizer and all air is removed from the system. Close drain valves and hold under pressure for at least 2 minutes to insure contact with all internal surfaces. Remove some cleaning solution from drain valve and test with a chlorine test kit. Repeat entire cleaning/sanitizing process if effluent contains less than 50 ppm available chlorine. Discard first portion of milk or beverage dispensed from equipment following sanitization.

**Clean-In-Place Method:** Thoroughly clean equipment after use. Prepare a volume of 200 ppm available chlorine sanitizing solution equal to 110% of volume capacity of the equipment by mixing the product in a ratio of 2 oz. product with 10 gallons of water. Pump solution through system until full flow is obtained at all extremities, the system is completely filled with the sanitizer and all air is removed from the system. Close drain valves and hold under pressure for at least 10 minutes to insure contact with all internal surfaces. Remove some cleaning solution from drain valve and test with a chlorine test kit. Repeat entire cleaning/sanitizing process if effluent contains less than 50 ppm available chlorine. Discard first portion of milk or beverage dispensed from equipment following sanitization.

### SANITIZATION OF POROUS FOOD CONTACT SURFACES

**Rinse Method:** Prepare a sanitizing solution by thoroughly mixing 6 oz. of this product with 10 gallons of water to provide approximately 600 ppm available chlorine by weight. Clean surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. Rinse equipment with an approximate 200 ppm available chlorine by weight (2 oz. of product per 10 gallons of water) and drain, do not soak equipment overnight.

**Immersion Method:** Prepare a sanitizing solution by thoroughly mixing, in an immersion tank, 6 oz. of this product with 10 gallons of water to provide approximately 600 ppm available chlorine by weight. Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and allow sanitizer to drain. Immerse equipment in an approximate 200 ppm available chlorine by weight (2 oz. this product per 10 gallons of water) solution after treatment.

#### COMMERCIAL LAUNDRY SANITIZER

Wet fabrics or clothes should be spun dry prior to sanitization. Thoroughly mix 2 oz. of this product with 10 gallons of water to yield 200 ppm of available chlorine. Promptly after mixing the sanitizer, add the solution into the prewash prior to washing fabrics/clothes in the regular wash cycle with a good detergent. Test the level of available chlorine if solution has been allowed to stand. Add more of this product if the available chlorine level has dropped below 200 ppm.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. May cause severe skin and eye irritation or chemical burns to broken skin. Causes eye damage. Wear face shield or goggles and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water board or Regional Office of the EPA.

### PHYSICAL OR CHEMICAL HAZARDS

**STRONG OXIDIZING AGENT:** Mix only with water according to label directions. Mixing this product with chemicals (e.g., ammonia, acids, detergents, etc.) or organic matter (e.g., urine, feces, etc.) will release chlorine gas which is irritating to eyes, lungs and mucous membranes.

### STORAGE AND DISPOSAL

Store this product in a cool, dry area away from direct sunlight and heat to avoid deterioration. In case of a spill, flood areas with large quantities of water. Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not contaminate food or feed by storage, disposal or cleaning of equipment.  
**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or conditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or as allowed by state and local authorities, by burning. If burned, stay out of smoke.

NET CONTENTS: 5 GALLONS (18.925 LITERS)

R100797