

70799-13

12/1/2011

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Antimicrobials Division (7510P)  
 1200 Pennsylvania Avenue NW  
 Washington, D.C. 20460

PA Reg. Number: 70799-13	Date of Issuance: DEC - 1 2011
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Term of Issuance:  
Conditional

Name of Pesticide Product:  
  
STATE CHLORINE SANITIZER

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

State Industrial Products  
 3100 Hamilton Avenue  
 Cleveland, OH 44114

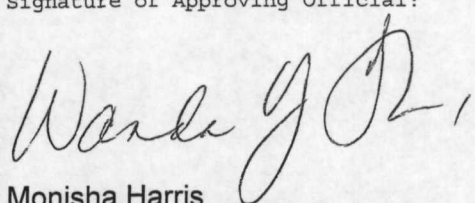
**FILE COPY**

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product (OPP Decision No. D-451984) is registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
  - a. Revise the "EPA File Symbol to read, EPA Reg. No. 70799-13"

Signature of Approving Official:  
  
 Monisha Harris  
 Product Manager Team (32)  
 Regulatory Management Branch II  
 Antimicrobials Division (7510P)

Date:  
  
DEC - 1 2011  
  
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b. Align the Ingredient statement as follows:

ACTIVE INGREDIENT:	
Sodium Hypochlorite .....	6.0%
OTHER INGREDIENTS: .....	<u>94.0%</u>
TOTAL .....	100.0%

c. Revise the Container Handling Section:

**[For rigid Household/Residential Products][For rigid non-refillable container less than 5 gallons]Container Handling:** Nonrefillable rigid container. Do not re-use or refill this container. Triple rinse (or equivalent) promptly after emptying. Offer for recycling, if available, or throw in trash.

**[For Commercial/Industrial/Institutional Products][For rigid non-refillable container less than 5 gallons]Container Handling: Non-refillable rigid container. Do not re-use or refill this container.** Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tanks and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank and store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay of smoke.

**[For Commercial/Industrial/Institutional Products][For rigid nonrefillable container greater than 5 gallons]Container Handling: Nonrefillable rigid container. Do not re-use or refill this container.** Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip containers on its end and tip it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for the later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay of smoke.

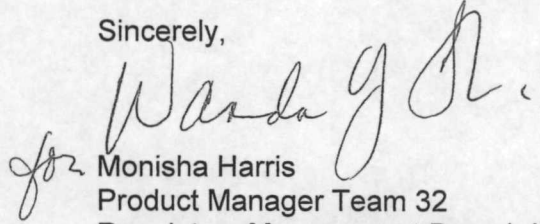
3. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

EPA Registration No. 70799-13  
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A stamped copy of the label is enclosed for your records. Should you have any questions regarding this letter, please contact Wanda Henson either by phone at (703) 308-6345 or email at [Henson.Wanda@epa.gov](mailto:Henson.Wanda@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Wanda G. Henson". To the left of the signature, the word "for" is written in a smaller, cursive script.

for Monisha Harris  
Product Manager Team 32  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Enclosures: (Stamped Label)

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ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

DEC - 1 2011

# STATE CHLORINE SANITIZER

COMMERCIAL  
INSTITUTIONAL USE

DISINFECTS • SANITIZES

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 70799-13

This product may be used on hard non-porous surfaces in commercial, institutional and hospital premises eating establishments, and food processing plants.

**ACTIVE INGREDIENT:**

Sodium Hypochlorite ..... 6.0%

**OTHER INGREDIENTS:** ..... 94.0%

**TOTAL:** ..... 100.0%

Yields 5.7% available chlorine.  
Contains no phosphorus.

## KEEP OUT OF REACH OF CHILDREN DANGER

EPA Registration Number: 70799-13

EPA Establishment Number: 70799-OH-2

State Industrial Products  
3100 Hamilton Avenue  
Cleveland, OH 44114  
216-861-7114

NET CONTENTS: *[Insert Sizes]*

**DIRECTIONS FOR USE:** It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

One Tbsp. (½ oz.) of this bleach in 5 quarts of water is equivalent to approximately 200 parts per million (ppm) available chlorine. Use a chlorine test kit to determine exact available chlorine concentration and adjust as necessary to obtain specified ppm.

**SANITIZING FOOD CONTACT SURFACES:** Before using this product, remove or carefully protect food. Remove gross food particles from surface. Prewash surface with a good detergent and rinse thoroughly with potable water. Mix approximately 1 tablespoon of bleach per 5 quarts of water to prepare a 200 ppm available chlorine solution. Cover surface with bleach solution for at least 2 minutes. Air dry.

**DISINFECTING KITCHEN, DISHES, SINKS:** Use 5 ½ oz. bleach diluted into 1 gallon water to soak cleaned dishes, teapot, cups, sinks, etc. for 10 minutes. Rinse with a solution of approximately 1 Tbsp. of bleach per 5 quarts of water to prepare a 200 ppm solution. Do not use on silverware. Bleach solution can be used on glazed porcelain, baked enamel, etc. surfaces after cleaning. Let air dry.

**SANITIZING NONPOROUS FOOD CONTACT SURFACES:** Prepare a sanitizing solution by thoroughly mixing 2 Tbsp. (1 oz.) of this product with 2 ½ gallons of water to provide approximately 200 ppm available chlorine by weight. Clean all 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. Do not rinse equipment with water after treatment and do not soak equipment overnight.

### PROPORTIONS FOR DILUTIONS OF THIS PRODUCT

- 100 ppm; 0.5 oz. (1 Tbsp) in 2 ½ gallons of water
- 200 ppm; 1oz. (2 Tbsp) in 2 ½ gallons of water
- 600 ppm; 3oz. (6 Tbsp) in 2 ½ gallons of water

(Use a chlorine test kit to determine exact available chlorine concentration and adjust dosage as necessary.)

### WAREWASHING

**FOR SANITIZING TABLEWARE IN LOW TEMPERATURE DISHWASHING MACHINE:** Dispense this product into final rinse water at 100 ppm available chlorine. Do not allow concentration to fall below 50 ppm. Air dry. Dispenser should be set to deliver sanitizing solution to give 100 ppm of available chlorine. Only a qualified service representative should set or adjust dispenser on the machine.

**RESTAURANTS, TAVERNS, SODA FOUNTAINS, DAIRIES, ETC.  
DIRECTIONS FOR SANITIZING EATING AND DRINKING UTENSILS:**

Prepare sanitizing solution immediately prior to use. 1. Scrape and pre-wash utensils and glass whenever possible. 2. Wash with good detergent or compatible cleaner. 3. Rinse with clean water. 4. Sanitize in solution of 1 oz to 2 1/2 gallons of water (200 ppm). 5. Immerse utensils at least 2 minutes or for contact time specified by governing sanitary code. 6. Do not reuse sanitizing solution.

**TABLE OF PROPORTIONS AVAILABLE CHLORINE**

600 ppm - 12 oz. in 10 gal. water      200 ppm - 4 oz. in 10 gal. water      100 ppm-2 oz. in 10 gal water

**SANITIZATION OF NON-POROUS 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 2 oz. of this product with 10 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 4 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 re-used 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 ensure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 2 oz. of this product with 10 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 4 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 re-used for sanitizing purposes.

**CLEAN-IN-PLACE METHOD** - Thoroughly clean equipment after use. Prepare a volume of a 200 ppm available chlorine sanitizing solution equal to 110% of volume capacity of the equipment by mixing the product in a ratio of 4 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 10 minutes to ensure 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.

**BACTERICIDAL/FUNGICIDAL ACTIVITY**

This product, when used as directed, is effective against the following bacteria and fungi: Staphylococcus aureus (ATCC 6538), Streptococcus pyogenes (ATCC 19615), Salmonella enteric (ATCC 10708), Pseudomonas aeruginosa (15442), Shigella dysenteriae (ATCC 9361), Escherichia coli (ATCC 11229). Effective against Trichophyton mentagrophytes (ATCC 9533) using immersion method directions above and immerse equipment in sanitizing solution for at least 5 minutes.

**DIRECTIONS FOR USE: Hard Non-porous Surfaces:** To disinfect hard non-porous surfaces, (first) clean surface by removing gross filth (loose dirt, debris, food materials, etc.). Prepare a 2700 ppm available chlorine solution by diluting 1 part bleach to 22 parts water. Thoroughly wet surface with the solution and allow to remain on the surface for 5 minutes. Rinse with clean water and dry.

**DIRECTIONS FOR USE: Mildewstat:** To control mold and mildew (Aspergillus niger (ATCC 6275)) on pre-cleaned, hard, non-porous surfaces. Prepare a 2700 ppm available chlorine solution by diluting 1 part bleach to 22 parts water. Thoroughly wet surface to be treated making sure to wet completely and maintaining contact with sanitizer for at least 5 minutes. Let air dry. Repeat application at weekly intervals or when mildew growth appears.

**COOLING TOWER/EVAPORATIVE CONDENSER WATER**

**SLUG FEED METHOD: Initial Dose:** When system is noticeably fouled, apply 107 to 213 oz. of this product per 10,000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine. Repeat until control is achieved. **Subsequent Dose:** When microbial control is evident, add 21 oz. of this product per 10,000 gallons of water in the system daily, or as needed to maintain control and keep the chlorine residual at 1 ppm. Badly fouled systems must be cleaned before treatment is begun.

**INTERMITTENT FEED METHOD: Initial Dose:** When system is noticeably fouled, apply 107 to 213 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine. Apply half (or 1/3, 1/4, or 1/5) of this initial dose when half (or 1/3, 1/4, or 1/5) of the water in the system has been lost by blowdown. **Subsequent Dose:** When microbial control is evident, add 21 oz. of this product per 10,000 gallons of water in the system to obtain a 1 ppm residual. Apply half (or 1/3, 1/4, or

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1/5) of this initial dose when half (or 1/3, 1/4, or 1/5) of the water in the system has been lost by blowdown. Badly fouled systems must be cleaned before treatment is begun.

**CONTINUOUS FEED METHOD: Initial Dose:** When system is noticeably fouled, apply 107 to 213 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine. **Subsequent Dose:** Maintain this treatment level by starting a continuous feed of 2 oz. of this product per 1,000 gallons of water lost by blowdown to maintain a 1 ppm residual. Badly fouled systems must be cleaned before treatment is begun.

### LAUNDRY SANITIZERS

**Commercial Laundry Sanitizers:** Wet fabrics or clothes should be spun dry prior to sanitization. Thoroughly mix 4 oz. of this product with 10 gallons of water to yield 200 ppm 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.

### FIRST AID

Call poison control center or doctor immediately for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

You may also contact the International Poison Center at 1-888-740-8712.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

**IF SWALLOWED:** Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

**DANGER:** Corrosive; Causes skin burns and substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Wear safety glasses and rubber gloves when handling this product. Harmful if inhaled. Avoid breathing vapors. Wash thoroughly with soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

#### Physical and Chemical Hazards

Strong oxidizer. Flush drains before and after use. Do not use or mix with other household chemicals, such as toilet bowl cleaners, rust removers, acid or ammonia containing products. To do so will release hazardous gases. Prolonged contact with metal may cause pitting or discoloration.

**DO NOT MIX WITH AMMONIA - DO NOT MIX WITH ACIDS**

### STORAGE AND DISPOSAL

Store this product in a cool, dry area, away from direct sunlight and heat. Nonrefillable container. Do not reuse or refill this container. When discarding container, place in trash collection or take to recycling center. Do not contaminate water, food, or feed by storage and disposal.