

PM 32

55852-2

5/28/98

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 55852-2	DATE OF ISSUANCE MAY 28 1998
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	NAME OF PESTICIDE PRODUCT Sodium Hypochlorite Solution 10%	
	NAME AND ADDRESS OF REGISTRANT (Include ZIP code)	
Champion Packaging & Distributing, Inc. 1101 Lombard Road Lombard, IL 50148		
NOTE: Changes in labeling formula 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 U.S. 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.		
A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.		
Registration is in no way to be construed as an indorsement or approval of this product by this 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 is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:		
<ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants to similiar products to submit such data. 2. Add the phrase "EPA Registration No. 55852-2" to your label before you release the product for shipment. 3. Revise the "Environmental Hazards Statement" to read: <p>"This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, ocean or public 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.</p> 		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL Katherine M. Scanlon for Robert J. Brennan		DATE

- 4. In the "Storage and Disposal" section, delete the phrase "or burying in an approved landfill."

Submit one copy of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

A stamped copy of the label is enclosed for your records.

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

Robert S. Brennis
Robert S. Brennis
Product Manager (32)
Antimicrobial Program Branch
Regulatory Division (7504C)

SODIUM HYPOCHLORITE SOLUTION

Active Ingredient: Sodium Hypochlorite 10.0%
 Inert Ingredient 90.0%
 CAS NO. 7681-52-9

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**KEEP OUT OF REACH OF CHILDREN
 DANGER**

STATEMENT OF PRACTICAL TREATMENT (FIRST AID):

IF CONTACT WITH EYES OCCURS, immediately flush with water for at least 15 minutes while lifting upper and lower eyelids. Do not use chemical antidote. Get medical attention immediately.
 IF CONTACT WITH SKIN OCCURS, immediately flush with water for at least 15 minutes. Do not use chemical antidote. Get medical attention immediately. Remove contaminated clothing and wash before reuse. Discard contaminated shoes.
 IF SWALLOWED drink large quantities of water. DO NOT induce vomiting. Get medical attention immediately. Call physician or poison control center immediately.

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. Do not get in eyes, on skin, or on clothing. Wear chemical splash goggles, face shield, rubber gloves, and other necessary protective equipment when handling this product. Wash thoroughly after handling. May be fatal if swallowed. Avoid breathing vapors. Use with adequate ventilation. Vacate poorly ventilated areas as soon as possible. Do not return until odors have dissipated.

ENVIRONMENT HAZARDS:

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your state water board or regional office of the EPA. Chlorine must be allowed to dissipate from treated pool water before discharge. Do not make any chlorine application within 24 hours of discharge.

PHYSICAL AND 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, which can also be fatal. Mixing this product with cyanide compounds will release cyanogen chloride which is irritating to eyes, lungs and mucous membranes, which can also be fatal.

STORAGE AND DISPOSAL:

Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water. Product of 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. Empty containers may contain hazardous product residues. Rinse empty container thoroughly with water and either return to manufacturer or discard by placing this container in trash collection or burying in an approved landfill.

FOR DISINFECTING floors, walls, ceilings, and other similar hard, non-porous surfaces. Use 1 1/4 ounces of Bleach to 5 gallons of water. Dosage must be maintained between 600 to 1000 PPM.

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 2.5 ounces of bleach with 10 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 5 ounces of bleach 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 establish a 200 PPM residual. Do not rinse equipment with water after treatment and do not soak equipment overnight. Bleach that is used in automated systems may be used for general cleaning but may not be reused for sanitizing purposes.

NET CONTENTS: GALS.

DIRECTIONS FOR USE:

It is a violation to Federal law to use this product in a manner inconsistent with its labeling. Do not transfer to unmarked containers. Keep containers closed with closure end up. Use in a well ventilated area. Before use review material safety data sheet for other information, including possible chronic health effects. When opening loosen closure carefully.

NOTE: Sodium hypochlorite solutions degrade with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

DIRECTIONS FOR USE IN EATING ESTABLISHMENTS: (1) Scrape and prewash utensils and glasses whenever possible. (2) Wash with a good detergent or compatible cleaner. (3) Rinse with clean water. (4) Sanitize in a solution of 1/2 ounce to each gallon water (200 ppm). Immerse all utensils for at least two minutes or for contact time specified by governing sanitary code. (5) Place sanitized utensils on a rack or drainboard to air dry. Note: A clean potable water rinse following sanitization is not permitted under Section H 96.16 (2) (c) of the Wisconsin Administrative Code.

DILUTION TABLE

100 PPM	1/2 ounce to 2 gallon water
200 PPM	1/2 ounce to 1 gallon water
400 PPM	1 ounce to 1 gallon water
1000 PPM	3 ounce to 1 gallon water

LAUNDRY: To bleach and sanitize white and colorfast cotton, linen, nylon dacron, orlon, and rayon, use 1 cup bleach per load for conventional washing machine and 1/2 cup for front loading machine. Add to presoak, wash water or first rinse. If clothes are in machine, dilute bleach in one quart water before adding.

STAIN REMOVAL: For stubborn stains from grass, mildew, ink, scorch, coffee, fruit, berry, etc. mix 1/4 cup of bleach in one quart water. Immerse fabric for up to 5 to 10 minutes. Rinse well in clear water. Repeat if necessary. Use porcelain, rubber, or glass container.

TO WHITEN NYLON & OTHER SYNTHETICS that have turned yellow or gray: Use one tablespoon bleach per gallon of water. Soak clean fabric in solution 15 to 20 minutes, rinse well. Repeat if necessary.

DEODORIZING AND SANITIZING: For baby clothes, diapers, dish clothes, etc., first wash, then soak in solution of 1 tablespoon of bleach to 1 gallon of water for 5 minutes. Rinse well. For wooden utensils, floors, breadboards, sinks, etc., wash in normal manner, then soak or wet with a solution of 1/4 cup of bleach in 1 quart water. Let stand for 5 minutes. Air dry.

TO CLEAN BATHROOM AND KITCHEN: For refrigerator, tile, bathtub, etc., use two tablespoons bleach to 1 quart water. Simply wash, rinse, apply bleach solution, let air dry.

SPAS, HOT-TUBS, IMMERSION TANKS, ETC.

Apply 5 oz. of product per 1000 gallons of water to obtain a free available chlorine concentration of 5 ppm, as determined by a suitable chlorine test kit. Adjust and maintain pool water pH to between 7.2 and 7.6. Some oils, lotions, fragrances, cleaners, etc. may cause foaming or cloudy water as well as reduce the efficiency of the product.

To maintain the water, apply 5 oz. of product per 1000 gallons of water over the surface to maintain a chlorine concentration of 5 ppm.

After each use, shock treat with 8 oz. of this product per 500 gallons of water to control odor and algae. During extended periods of disuse, add 4 oz. of product daily per 1000 gallons of water to maintain a 3 ppm chlorine concentration.

DIRECTIONS FOR DISINFECTING OF POTABLE WATER FOR HOME WELL WATER SYSTEMS
 Dilute this sodium hypochlorite solution in the ratio of one part solution to nine parts softened water. Mix thoroughly and begin feeding with a hypochlorinator (metering pump). Maintain a free available chlorine residual of at least 0.2 ppm and not more than 0.6 ppm throughout the distribution system, as determined by a DPD chlorine test kit. Bacteriological sampling must be conducted at a frequency no less than that prescribed by the National Interim Primary Drinking Water Regulations. Check water frequently with a DPD chlorine test kit. For further details, contact your local Health Department.

DIRECTIONS FOR SANITIZING FOOD PROCESSING OR DAIRY EQUIPMENT

Clean equipment in the normal manner. Just before using, rinse all surfaces thoroughly with a sodium hypochlorite solution containing 200 ppm available chlorine. One ounce (2 tblsps.) of this solution per four gallons of water will provide approx. 200 ppm available chlorine. Maintain contact with disinfectant for a minimum of two minutes. Do not rinse with water after treatment. Do not soak overnight.

DIRECTIONS:

Pour directly into pool or feed through your mechanical chlorinator. Apply in evening or early morning as sunlight dissipates chlorine rapidly.

Pool Capacity in gallons	Suggested Daily Dosages
10,000	11 Oz.
20,000	22 Oz.
30,000	33 Oz.
40,000	44 Oz.
50,000	55 Oz.
75,000	82 Oz.
100,000	110 Oz.

For food contact surfaces available chlorine must be maintained between 100 PPM to 200 PPM.

Packaged By:
 CHAMPION PACKAGING INC
 LOMBARD, IL 60148

55852-E

FOR CHEMICAL EMERGENCY

DURING TRANSPORTATION ONLY
 Call INFOTRAC

1-800-535-5053
 24 Hrs. per day, 7 days per week

ACCEPTED
 with COMMENTS
 in EPA Letter Dated:

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MAY 28 1998

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act as
 amended, for the pesticide
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EPA REG. NO. 33981-20001 EPA EST. NO. 55852 IL 001
FOR INDUSTRIAL USE ONLY

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