

PM 32 55852-3 5-28-98 10/4

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

55852-3

DATE OF ISSUANCE

MAY 28 1998

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

Sodium Hypochlorite Solution 12.5%

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Champion Packaging & Distributing, Inc.  
1101 Lombard Road  
Lombard, IL 60148

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:

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 similar products to submit such data.
2. Add the phrase "EPA Registration No. 55852-3" to your label before you release the product for shipment.
3. Revise the "Environmental Hazards Statement" to read

"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.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

*John*

4. In the "Storage and Disposal" section, delete the phrase "or burying in an approved landfill."
5. In the ingredient statement in the label the term "Inert Ingredient" should be in plural.
6. Revised the ingestion statement to read: "If swallowed, drink large amounts of water. Do not induce vomiting. Call a physician or poison control center immediately."

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

CAS NO. 7681-52-9  
Active Ingredient: Sodium Hypochlorite ..... 12.5%  
Inert Ingredient ..... 87.5%

3044

## 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 milk or gelatin solution, if these are not available, drink large quantities of water. DO NOT give vinegar or other acids. DO NOT induce vomiting. Get medical attention 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.

#### ENVIRONMENTAL HAZARDS:

This product is toxic to fish. Do not discharge into lakes, streams, ponds or public waterways unless in accordance with a NPDES permit. For guidance, contact the regional office of the U.S. Environmental Protection Agency. 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.

#### SWIMMING POOL WATER DISINFECTION

For a new pool or for spring start-up, superchlorinate with 52 to 104 oz. of product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Adjust and maintain pool water pH to between 7.2 to 7.6. Adjust and maintain the alkalinity of the pool to between 50 to 100 ppm.

To maintain the pool, add manually or by a feeder device 11 oz. of this product for each 10,000 gallons of water to yield an available chlorine residual between 0.6 to 1.0 ppm by weight. Stabilized pools should maintain a residual of 1.0 to 1.5 ppm available chlorine. Test the pH, available chlorine residual and alkalinity of the water frequently with appropriate test kits. Frequency of water treatment will depend upon temperature and number of swimmers.

Every 7 days or as necessary, superchlorinate the pool with 52 to 104 oz. of product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Do not reenter pool until the chlorine residual is between 1.0 to 3.0 ppm.

At the end of the swimming pool season or when water is to be drained from the pool, chlorine must be allowed to dissipate from treated pool water before discharge. Do not chlorinate the pool within 24 hours prior to discharge.

**WINTERIZING POOLS:** While water is still clear & clean, apply 3 oz. of product per 1000 gallons, while filter is running, to obtain a 3 ppm available chlorine residual, as determined by a suitable test kit. Cover pool, prepare heater, filter and heater components for winter by following manufacturers instructions.

See technical data sheet for other use directions.

### DIRECTIONS FOR USE:

It is a violation of 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, rayon, 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 chlorine 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.

**SPAS / HOT-TUBS** — 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 DISINFECTION 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.

NET CONTENTS: GALS.

Packaged By:  
CHAMPION PACKAGING INC  
LOMBARD, IL 60148

55852-G

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:

MAY 28 1998  
Under the Federal Insecticide,  
Fungicide and Rodenticide Act as  
amended, for the pesticide  
registered under EPA Reg. No. 55852-3

EPA

