



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 25, 2016

Mr. J. Mark Cleaveland  
President  
Treatment Technology  
10579 Bradford Road, Suite 107  
Littleton, CO 80127

Subject: Label Notification per PRN 2007-4 – Complete Storage and Disposal Statement  
Product Name: Sodium Hypochlorite 10%  
EPA Registration Number: 69372-20002  
Application Date: January 18, 2016  
Decision Number: 514039

Dear Mr. Cleaveland:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 2007-4 and finds that the action requested falls within the scope of PRN-2007-4.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label (and can be added by non-notification via PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact Killian Swift at 703-308-6346 or by email at [Swift.Killian@epa.gov](mailto:Swift.Killian@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Wanda J. Fuller, for".

Demson Fuller, Product Manager 32  
Regulatory Management Branch II  
Antimicrobials Division (7510P)  
Office of Pesticide Programs



# PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Highly Corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or safety glasses and rubber gloves when handling this product. Irritating to nose and throat. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic organisms. Do not discharge containing this product into lakes, streams, estuaries, oceans, or other waters unless in accordance with the requirements of the 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 U.S. Environmental Protection Agency.

**PHYSICAL AND CHEMICAL HAZARDS:** STRONG OXIDIZING AGENT. Mix only with water according to label directions. May react with acids, detergents or other chemicals will release hazardous gases irritating to eyes, lungs and mucous membranes.

## KEEP OUT OF REACH OF CHILDREN DANGER

<b>FIRST AID</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>Call poison control center or doctor immediately for treatment or advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>NOTE TO PHYSICIAN:</b>	<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p> <p>Probable mucosal damage may contraindicate the use of gastric lavage.</p> <p>FOR 24 HOUR EMERGENCY INFORMATION CALL CHEMTREC: 1 (800) 424-9300</p>

NO WARRANTY, EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, IS MADE, EXCEPT THAT THE PRODUCT CONFORMS TO SELLER SPECIFICATIONS. BUYER ASSUMES ALL RISK OF USE, DAMAGE, LOSS, INJURY, OR CONSEQUENTIAL DAMAGES ARISING DIRECTLY OR INDIRECTLY IN CONNECTION WITH THE PURCHASE, USE, STORAGE OR HANDLING OF THE PRODUCT.

## Sodium Hypochlorite 10%

**SANITIZER, DISINFECTANT**  
**ACTIVE INGREDIENT:** % BY WT.  
**SODIUM HYPOCHLORITE** ..... 10.0%  
**OTHER Ingredients** ..... 90.0%  
**TOTAL Available Chlorine** ..... 100.0%  
**Total Available Chlorine** ..... 10.0%

## DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

Desired Strength Available Chlorine (By Weight)	Gallons Water	Liquid Quince Sodium Hypochlorite
5 PPM	100	.75
10 PPM	100	1.5
15 PPM	100	2.0
20 PPM	100	2.5
35 PPM	100	4.5
50 PPM	100	6.5
100 PPM	10	1.5
200 PPM	10	3.0
400 PPM	10	6.0
600 PPM	10	8.0
1000 PPM	10	13.0
5000 PPM	10	64.0
10000 PPM	10	128.0

**IMPORTANT! ALL SANITIZING APPLICATIONS**  
 FOR ALL FOOD CONTACT SURFACES AND OBJECTS - Remove food particles by flushing, scraping and, when necessary, soaking. Wash thoroughly with a good detergent or compatible cleaner and rinse with potable water before application of SODIUM HYPOCHLORITE 10%. Wet all surfaces thoroughly with SODIUM HYPOCHLORITE 10% solution by immersion, flooding or spraying. Contact time must be at least 20 minutes. Drain solution and air-dry. Do not wash with potable water after sanitizing. SODIUM HYPOCHLORITE 10% solutions must not be re-used for sanitizing purposes. Prepare a fresh solution daily if the old solution becomes diluted or soiled.

### SWIMMING POOL WATER DISINFECTION

For a new pool or spring start-up, superchlorinate with 10% SODIUM HYPOCHLORITE to yield a 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. Then adjust and maintain the alkalinity of the pool to achieve between 50 to 100 ppm of available chlorine in the water.

To maintain the pool, add manually or by a feeder device a minimum of 1.5 ppm of available chlorine daily to maintain a residual chlorine residual between 0.6 to 1.0 ppm by weight. Stabilized pools must 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 (seven) days, or as necessary, superchlorinate the pool with 10% Sodium Hypochlorite to yield a 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 the water is to be drained from the pool, chlorine must be allowed to dissipate from the pool water. Do not discharge into the sewer system. Do not discharge within 24 hours prior to discharge.

**WINTERIZING POOLS** - While water is still clear, and while filter system is in service, apply 10% SODIUM HYPOCHLORITE in system 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.

**DANGER**  
 THIS CONTAINER HAZARDOUS WHEN EMPTIED. Since emptied container retains product residues (vapor or liquid), all labeled hazard precautions must be observed.

**DISINFECTION OF DRINKING WATER (POTABLE)**  
**PUBLIC SYSTEMS:** Mix a ratio of 1.5 oz 10% SODIUM HYPOCHLORITE to 100 gallons of water to produce a 10 ppm available chlorine by weight. Begin feeding this solution with a hypochlorinator until a free available chlorine residual of at least 0.2 ppm and no more than 0.6 ppm is attained throughout the distribution system. Check water frequently with a chlorine test kit. For guidance, contact your local Health Department for details.

**INDIVIDUAL SYSTEMS: DUG WELLS:** Upon completion of the casing (lining), wash the interior of the casing (lining) with a 100 ppm available chlorine solution using a stiff brush. After covering the well, pour the sanitizing solution into the well through both the pressure opening and the pipeline. Wash the exterior of the well with the same solution. Stop pumping and wait until strong odor of chlorine in water is noted. Stop pump and wait at least 24 hours. After 24 hours flush well until all traces of chlorine have been removed from the water. Consult your local Health Department for further details.

**NOTE:** This product degrades with age. Use a chlorine test kit and increase dosage as necessary to obtain the required level of available chlorine.

## STORAGE AND DISPOSAL:

Do not contaminate water, food or feed by storage and disposal.  
**PESTICIDE STORAGE:** Store in a cool, dry area away from direct sunlight, in case of spill, flood area with large quantities of water. Keep this product in tightly closed container when not in use. Product or rinsates that cannot be used must be diluted with water before disposal in a sanitary sewer.

**CONTAINER HANDLING AND DISPOSAL:** Empty containers are acutely hazardous. Do not reuse. Containers must be disposed of in accordance with the instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the EPA regional Office for guidance.

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Certified to NSF/ANSI 50

## NOTIFICATION

69372-20002

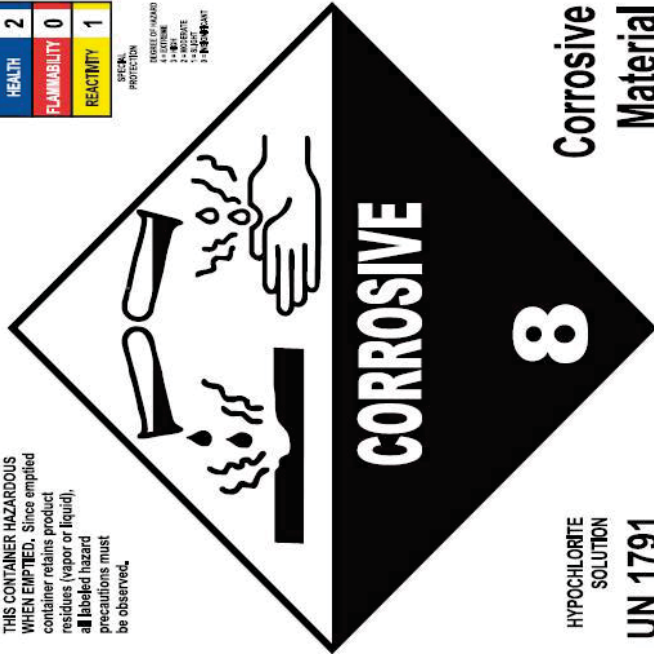
The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

02/25/2016

HEALTH	2
FLAMMABILITY	0
REACTIVITY	1

SPECIAL PROTECTION

DEGREE OF HAZARD  
 1 - MOST HAZARDOUS  
 2 - MODERATE  
 3 - SLIGHTLY HAZARDOUS  
 4 - LEAST HAZARDOUS



Corrosive Material

HYPOCHLORITE SOLUTION  
 UN 1791

EPA Reg. No. 69372-20002

- NET CONTENTS:**
- 05 GALLONS
  - 15 GALLONS
  - 30 GALLONS
  - 55 GALLONS
  - 330 GALLONS

\_\_\_\_\_ BULK GALLONS

Distributed by

## TREATMENT TECHNOLOGY

8393 W. 1-25 FRONTAGE ROAD, UNIT #2 FREDERICK CO 80516  
 (800) 651-3682  
 FOR 24 HOUR EMERGENCY INFORMATION  
 CALL CHEMTREC: (800) 424-9300

Revision Date: 12-2015