



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

JAN 26 2012

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

J. Robert Shamblin, President  
Dycho Company Inc.  
412 Meridan Street  
P.O. Box 513  
Niota, TN. 37826

Subject: Sodium Hypochlorite 12.5  
EPA Registration Number 34750-20001  
Application Date: September 17, 2011

Dear Mr. Shamblin:

The Agency has reviewed your submission in accordance with continuing registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA), as amended, and determined the action to be acceptable with the following conditions:

- Move the FOR INDUSTRIAL AND INSTITUTIONAL USE heading under the product name and make prominent since this caveat is intended to keep this product out of residential and household use sites.
- Revise the First Aid statements as follows:  
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 the eye.  
IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin with plenty of water for 15-20 minutes.  
IF SWALLOWED: Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth. Do not give anything by mouth to an unconscious person.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or Doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. See side/back panel for additional precautionary labeling.

- Revise the Hazards to Humans Precautionary Statements to read:  
CORROSIVE. Causes eye damage. Causes severe skin irritation or chemical burns. Wear safety glasses or goggles and rubber gloves when handling product. 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. Harmful if absorbed through skin. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

- Revise the ENVIRONMENTAL HAZARDS statements to read:  
This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, pools, 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 the 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.

- Under Physical & Chemical Hazards correct the spelling of strong as indicated.

- Under Swimming Pool Disinfection change "3.0 ppm" to 4.0 ppm.

- Under Emergency Disinfection change ".20 ppm" to 0.2 ppm.

- You must revise your Storage and Disposal statements in accordance with PR Notice 2007-4. You must revise accordingly:

**STORAGE AND DISPOSAL:**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:**

Store in original container, tightly closed away from heat or open flame. Store in a cool, dry, well ventilated place. Keep container off wet floors.

**PESTICIDE DISPOSAL:**

Pesticide wastes may be hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**CONTAINER HANDLING:**

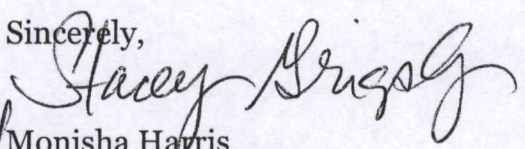
Refillable container. Refill this container with Sodium Hypochlorite only.

Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Offer for recycling if available or dispose of in trash.

In summary, you have requested to revise the First Aid statements on your label. The amendment is accepted with the required changes cited above. Submit one copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

If you have any questions about this letter, please contact Tom Luminello by telephone, (703) 308-8075, or by e-mail at luminello.tom@epa.gov.

Sincerely,



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

ACCEPTED  
With COMMENTS  
in EPA Letter Dated:

JAN 26 2012

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 34750-20001

# SODIUM HYPOCHLORITE — 12.5

ACTIVE INGREDIENT: Sodium Hypochlorite 12.5%  
INERT INGREDIENTS: 87.5%  
TOTAL: 100.0%

move here & make bigger

KEEP OUT OF THE REACH OF CHILDREN

# DANGER

### FIRST AID

IF SWALLOWED	3	-Call a poison control center or doctor immediately for treatment advice. -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.	Revise per letter
IF ON SKIN OR CLOTHING	2	-Take off contaminated clothing. -Rinse skin immediately with plenty of water for 15-20 minutes. -Call Poison control center or doctor for treatment advice.	Advice
IF INHALED	1	-Move person to fresh air. -If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable by mouth-to-mouth, if possible.	
IF IN EYES	1	-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. -Call a poison control center or doctor for treatment advice.	

CORROSIVE  
DANGER: Causes severe skin irritation or chemical burns to broken skin. Causes eye damage. Do not get in eyes, on skin, or on clothing. Wear rubber gloves and goggles or face shield when handling this product. Wash after handling. Avoid breathing vapors. Vacuete poorly ventilated areas as soon as possible. Do not return until odors have dissipated.

PRECAUTIONARY STATEMENTS  
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 public water 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.

PHYSICAL & CHEMICAL HAZARDS

STRONG STORAGE OXIDIZING AGENT: Mix only with water according to label directions. Mixing this product with gross filth such as feces, urine, etc. or with ammonia, acids, detergents or other chemicals may release hazardous gases irritating to eyes, lungs, and mucous membranes.

EPA Reg. No. 34750-20001/EPA Est. No. 34750-TN-1



THE DYCHO COMPANY, INC.  
NIOTA, TENNESSEE 37826

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**SWIMMING POOL WATER DISINFECTION:** Adjust and maintain the pool water pH to 7.2-7.6 range, manually or by a feeder device 11 oz. of this product for each 10,000 gallons of water to yield 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.

Every seven 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.

**SANITATION OF NONPOOROUS NON-FOOD CONTACT SURFACES: RINSE METHOD:** 4.0 ppm

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. Do not rinse equipment with water after treatment and do not soak equipment overnight.

**DISINFECTION OF DRINKING WATER: EMERGENCY DISINFECTION:** When boiling of water for 1 minute is not practical, water can be made potable by using this product. Prior to addition of the sanitizer, remove all suspended material by filtration or by allowing it to settle to the bottom. Decant the clarified, contaminated water to a clean container and add 1 drop of this product to 20 gallons of water. Allow the treated water to stand for 30 minutes. Properly treated water should have a slight chlorine odor; if not, repeat dosage and allow the water to stand an additional 15 minutes. The treated water can then be made palatable by pouring it between clean containers for several times.

**PUBLIC WATER SYSTEMS: NEW WELLS:** Flush the casing with a 50 ppm available chlorine solution water containing 5 oz. of this product for each 100 gallons of water. The solution should be pumped or fed by gravity into the well after thoroughly mixing with agitation. The well should stand for several hours or overnight under chlorination. It may then be pumped until a representative raw water sample is obtained. Bacterial examination of the water will indicate whether further treatment is necessary.

**EMERGENCY DISINFECTION AFTER DROUGHTS: WATER SHIPPED IN BY TANKS, TANK CARS, TRUCKS, ETC.:** Thoroughly clean all containers and equipment. Spray a 500 ppm available chlorine solution and rinse with potable water after 5 minutes. This solution is made by mixing 5 oz. of this product for each 10 gallons of water. During the filling of the containers, dose with sufficient amounts of this product to provide at least a 20 ppm chlorine residual. Use a chlorine test kit.

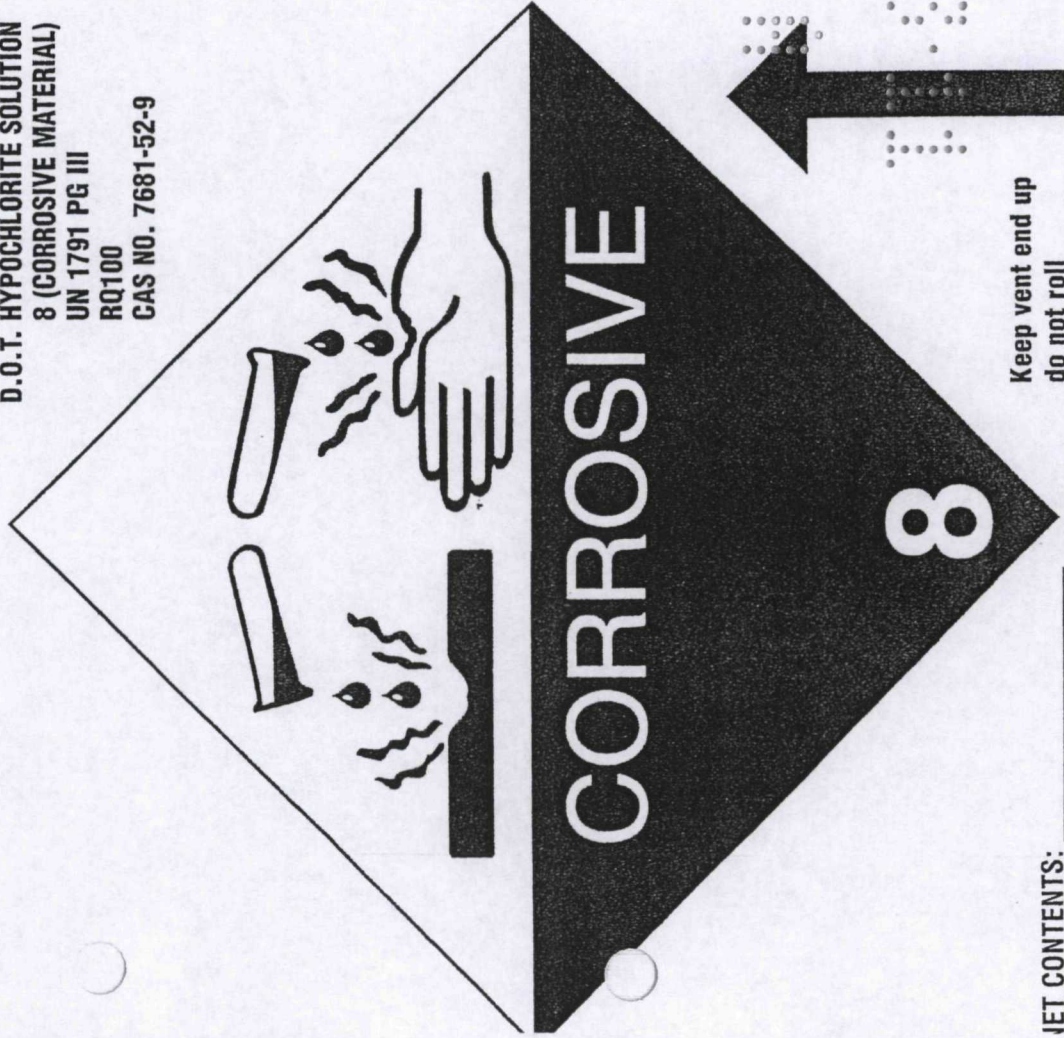
### STORAGE AND DISPOSAL

Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration, in case of spill, flood area 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 water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not reuse container. Triple rinse promptly after emptying. Offer for recycling if available or place in trash collection. See letter

FOR INDUSTRIAL AND INSTITUTIONAL USE.

5/5

D.O.T. HYPOCHLORITE SOLUTION  
8 (CORROSIVE MATERIAL)  
UN 1791 PG III  
RQ100  
CAS NO. 7681-52-9



Keep vent end up  
do not roll

NET CONTENTS: \_\_\_\_\_

ACCEPTED  
WITH COMMENTS  
MHA Letter Dated:

JAN 26 2012

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
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34750-20001