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34750-20004	1-30-1993 TEPA REJISTRATION NO. CARE ETTASSAMCEDODO
US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION <i>(TS-767)</i> WASHINGTON, DC 20460	EPA RE3/STRATION NO. PA SEP 30 1993   34750-20004 PS STRATION NO.   TERM OF ISSUANCE PA SEP 30 1993
NOTICE OF PESTICIDE: REGISTRATION	NAME OF PESTICIDE PRODUCT
(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	Sodium Hypochlorite 5
AME AND ADDRESS OF REGISTRANT (Include ZIP code)	
r	
The Dycho Company, Inc. 412 Meridian Street P.O. Box 513	
Niota, TN 37826-0513	
L_	L
submitted to and accepted by the Registration Division prio product always refer to the above U.S. EPA registration num	
On the basis of information furnished by the registrant, the the Federal Insecticide, Fungicide, and Rodenticide Act.	above named pesticide is hereby Registered/Reregistered under
A copy of the labeling accepted in connection with this Re	gistration/Reregistration is returned herewith.
health and the environment, the Administrator, on his motio icide in accordance with the Act. The acceptance of any na	t or approval of this product by this Agency. In order to protect n, may at any time suspend or cancel the registration of a pest- ime in connection with the registration of a product under this o exclusive use of the name or to its use if it has been covered
Document, EPA has reregistered the the comments recorded in the such is taken under the authority of Insecticide, Fungicide, and Roder Reregistration under this section continual reassessment of pestic.	section 4(g)(2)(C) of the Federal
Make the following labeling product for shipment:	changes before you release the
1. Under the headings "BO PLANTS" include contac	TTLE CHLORINATION" and "CANNING t time.
the statement "The san exceed 130°F" and chan	LTRY AND EGG PROCESSING" include itizer temperature should not ge "For sanitizing eggs use to read "For sanitizing eggs use
SYSTEMS" revise the sta	ER PURIFICATION IN POTABLE WATER atement "at least 0.2 ppm" to ppm and no more than 0.6 ppm."
ATTACHMENT IS APPLICABLE	

SIGNATURE OF APPROVING OFFICIAL

DATE

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- 4. Change the heading "SWIMMING POOL SANITATION" to read "SWIMMING POOL WATER DISINFECTION"
- 5. Under the heading "SWIMMING POOL SANITATION" change "...to ensure proper sanitization" to read "...to ensure proper disinfection."
- 6. Under the heading "SWIMMING POOL SANITATION" change "...11 ppm" to read "...3 ppm."

For our records, submit a revised CSF. Note that the entry in column 14-b (lower limit) of your Confidential Statement of Formula must be less than 5.25 (in accordance with PR Notice 91-2), and greater than or equal to 5.0.

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

Submit one copy of the final printed labeling before releasing the product in channels of trade with 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.

Ruth G. Douglas Product Manager 32 Antimicrobial Program Branch Registration Division (H-7504C)

Enclosure

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ACCEPTED with COMMENTS in Figure 1 and 202

## SEP 30 1993

Under the base of the checked Function of the the posticide Act as amonded. If the posticide registered under EPA Reg. No. 341,50-20004

# **SODIUM HYPOCHLORITE - 5**

ACTIVE INGREDIENTS: Sodium Hypochlorite INERT INGREDIENTS (When packaged) 5.25% 94.75%

3/5

### KEEP OUT OF THE REACH OF CHILDREN DANGER

STATEMENT OF PRACTICAL TREATMENT

If swallowed, drink large amounts of water. Do NOT give vinegar or other acids.

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Do NOT induce vomiting. Call a physician or poison control center.

If on skin, wash with plenty of soap and water.

If in eyes, flush with water for at least 15 minutes. Get medical attention.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

#### 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

STORNG OXIDIZING AGENT. Mix only with water according to tabel directions. Mixing this product with gross filth such as feces, urine, etc., or with ammonia, acids, detergents or other chemicals may release hazardous gases imitating to eyes, lings and muccous membranes. 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 or rinsates that cannot be used should be diluted with water before disposal in a sanitary sever. Do not reuse container but place in trash collection. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

For industrial and Institutional Use

D.O.T.: HYPOCHLORITE SOLUTION CORROSIVE MATERIAL UN 1791

EPA Reg. No. 34750-20004 / EPA Est. No. 34750-TN-1

### THE DYCHO COMPANY, INC. NIOTA, TENNESSEE 37826

Consult Material Safety Data Sheet for Additional Information

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

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

#### MILK PLANTS SANITIZATION

EQUIPMENT. Use Solution 4 to give a 200 ppm samilizing solution of avarable chlorine. Clean all equipment thoroughly and set prior to use. Allow equipment to be exposed to the sanitizing for not less than two minutes. Do not rinse with water after sanitizing BOTTLE CHLORINATION Just prior to filling operation, sanitize bottles with Solution D (50 ppm)

CHEESE PLANT SANITATION After cleaning and assembling equipment in the morning sanitize with Solution F (200 point at a two moute exposure time. Must solution in the weight lank and circulate through all equipment to cheese vats

BUTTER PLANT SANITATION After cleaning equipment - pipelines tanks coolers, separators, pasteurizing vals and holding tanks, sanitize with Solution F (200 ppm] Sanitize churns with Solution F (200 ppm). A two minute exposure time should be allowed to sanitize all parts and surfaces. Statter tanks before use should be sanifized with Solution F (200 ppm). Butter washwater should contain 10 ppm of available chlorine (Solution C)

FOOD PROCESSING PLANTS SANITIZATION -

CANNING PLANTS Sanitize after cleaning by spraying tanks, vats and other open processing equipment, or circulate a sanitizing solution through pipelines and enclosed equipment using Solution F (200 ppm).

All surfaces should be exposed to the sanitizing solution for a period of two minutes. Three ppm (Solution B) should be maintained in the cooling canal water MEAT PACKING PLANTS. Cutting room floors, tables and cutting and trimming boards should be cleaned and then sanitized Solution F (200 ppm). Bacon slicing equipment, conveyors for plaunch viscera, etc., metal or nonporous surfaces should be cleaned and then sanitized with Solution F (200 ppm). An exposure time of not less than two minutes should be allowed.

POULTRY AND EGG PROCESSING. Clean all equipment, then sarutize with Solution F (200 ppm). For sanutizing eggs use Solution E (100 ppm). Allow eggs to be in contact with the sanitizing solution for not less than two minutes. Do not inse eggs after sanitizing. Allow eggs to air dry before casing. No rinse required. CP SYSTEMS IN BOTTLING AND 8EVERAGE PLANTS: Clean equipment in usual manner, then fift entire system with Solution F (200 ppm) and circulate 5 minutes.

#### WATER TREATMENT APPLICATIONS

WATER PURIFICATION IN POTABLE WATER SYSTEMS: At an initial concentration of 42 fluid ounces per 50,000 gallons of water. Apply through a suitable feed device and determine the available chlorine present after 30 minutes with a chlorine test kil. Repeat treatment as necessary to establish an available chlorine residual of all least 0.2 ppm

SWIMMING POOL SANITATION: Use 40 fluid ounces per 25,000 gallons of water. Maintain 0.6 ppm to 1 ppm available chlonne to ensure proper sanitization. To combat algae growth, super chlorinate at least once a week by adding 3 times the recommended dosage. Do not use swimming pool until the chlorine residual drops to 11 ppm. To aid the control of athlete's loof tungluse Solution G (1000 ppm) in showers, locker rooms and around swimming pools COOLING TOWERS AND STORAGE TANKS: To control algae and sime, initially charge system with Solution A: (2 ppm). Maintain this concentration by using an

automatic metering pump. Injecting into the make-up water. Test water periodically and adjust melering pump to maintain 2 ppm available chlorine level.

#### MISCELLANEOUS APPLICATIONS

RESTAURANTS, HOTELS, MOTELS, NURSING HOMES AND HOSPITALS Sanitze dishes, glassware and silverware, with Solution E (100 ppm). Allow all equipment and utensits to air dry. No rinse required. To aid in controlling mold and mildew in kitchens, hotels, motels, etc., first scrub surface and then wash with Dolution E (100 ppm).

REFRIGERATION EOUIPMENT: To help eliminate olor causing bacteria, thoroughly wash all parts of the refrigerator with a mild detergent. Follow with Solution F (200 ppm).

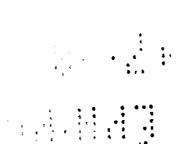
HECHANICAL DISHWASHING EQUIPMENT: Using an automatic metering pump, inject Solution D (50 ppm) or Solution E (100 ppm), depending on local Health Department requirements, into the final rinse cycle at a point below the bell shaped vacuum breaker. Test water periodically and adjust the metering pump so that proper available chlorine level is maintained.

FOR DISINFECTING HARD SURFACES AND EQUIPMENT: Use Solution G (1000 ppm). Food contact surfaces must be rinsed with potable water prior to reuse.

#### TABLE OF PROPORTIONS

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

	Solution	PPM Available Chlorine	Dilution Rate Oz/Gal	
	A	2	1 oz/240 gal	
	8	3	1 oz/160 gal	
	č	10	1 oz/48 gal	
	D	50	5 oz/48 gal	
	E	100	5 oz/24 gal	
	F	200	5 oz/12 gal	
×	G	1000	25 oz/12 gal	



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