



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510C)  
1200 Pennsylvania Avenue, NW  
Washington, D.C. 20004

EPA Reg. Number:

Date of Issuance:

41934-  
20004

JAN 31 2005

NOTICE OF PESTICIDE:

Reregistration  
 Registration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Sodium Hypochlorite 5.25%

Name and Address of Registrant (include ZIP Code):

George S. Coyne Chemical Co., Inc.  
3015 State Road  
Croydon, PA 19021

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 41934-20004."
- b. Place the heading "Directions for Use" followed by "It is a violation...". above the heading "Swimming Pool Water Disinfection".
- c. Place the "NOTE" followed by "This product degrades...". after the heading "Directions For Use".

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Signature of Approving Official:

Date:

*Emily Mitchell*  
Emily Mitchell, Product Manager

1-31-05

- d. Change the heading "Empty Container Warning" to read "Empty Container Note".
  - e. Delete the following: Contents Include: Sodium Hypochlorite CAS#7681-52-9 and Water CAS# 7732-18-5" it has no relevance to label.
3. Submit two copies of the revised final printed label for the record.

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.

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

**PRECAUTIONARY STATEMENTS**

**HAZARD TO HUMANS & DOMESTIC ANIMALS**

**DANGER: Corrosive.** May cause severe eye and skin irritation or chemical burns to broken skin. Causes eye damage. Wear safety glasses or goggles 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 strong 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 waters unless this product is specifically identified and addressed in accordance with the requirements of a NPDES permit and that authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying local sewage treatment plant authority. For guidance, contact your State Water Board or EPA Regional Office.

**PHYSICAL OR 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.

**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 residues that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not reuse container but place in trash collection. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

**DIRECTIONS FOR USE**

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

**\*\*NOTE\*\***

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This product degrades with age. To obtain the required level of available chlorine, use a chlorine test kit and increase dosage, as necessary.

**PACKAGED BY**



George S. Coyne Chemical Co., Inc.  
3015 State Road, Croydon, PA 19021  
Telephone: (215) 785-3000

**FOR INDUSTRIAL USE ONLY**

**SODIUM HYPOCHLORITE SOLUTION 5.25%**

DISINFECTANT, SANITIZER, BACTERICIDE, DEODORANT FOR FOOD PROCESSING PLANTS, DAIRY PLANTS, FARMS, HOTELS, RESTAURANTS, TAVERNS AND SWIMMING POOLS

**ACTIVE INGREDIENT**  
SODIUM HYPOCHLORITE..... 5.25%  
**INERT INGREDIENTS**..... 94.75%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER FIRST AID**

HAVE THIS PRODUCT CONTAINER LABEL WITH YOU WHEN CALLING THE POISON CONTROL CENTER OR DOCTOR, OR GOING FOR TREATMENT.

**IF IN EYES:** Hold eyelids open and rinse slowly and gently with water. If present, remove contact lenses after the first five minutes. Continue rinsing eyes with water for at least 15 minutes. Call Poison Control Center or physician for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing and rinse exposed areas immediately with water for at least 15-20 minutes. Call Poison Control Center or physician for treatment advice.

**IF SWALLOWED:** Call Poison Control Center or physician immediately for treatment advice. Have victim sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by Poison Control Center or physician. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move victim to fresh air. If not breathing, call 911 or an ambulance then give artificial respiration, preferably by mouth-to-mouth.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

EPA REG. No: 41934-PA-001  
EPA EST. No: CAS # 7601-50-9  
~~CONTAINER INCLUDES~~ SODIUM HYPOCHLORITE WATER. CAS # 7732-10-5

FOR ASSISTANCE IN ANY EMERGENCY INVOLVING CHEMICALS CALL CHEMUREC 1-800-424-9300 24 hours a day - 7 days a week

**EMPTY CONTAINER WARNING**

After this container is empty, it may still contain toxic residues and/or explosive vapors. Observe ALL labeled precautions.

**BEFORE USING READ AND UNDERSTAND MATERIAL SAFETY DATA SHEET FOR THIS PRODUCT**

**DIRECTIONS FOR USE**

**SWIMMING POOL WATER DISINFECTION:**

For new pool or spring start-up super-chlorinate with 124-248 oz of product for each 10,000 gals of water to yield 5-10 ppm available chlorine with a test kit. Adjust and keep pool water pH between 7.2-7.6. Adjust and maintain alkalinity of pool water between 50-100 ppm. To maintain pool add manually or by feeder device 36.2 oz of product for each 10,000 gals of water to yield an available chlorine residual between 0.6-1.0 ppm by weight. Stabilized pools should maintain residual available chlorine of 1.0-1.5 ppm. Frequently test pH, available chlorine residual and alkalinity using appropriate test kits. Frequency of treatment depends on temperature and number of swimmers. Super-chlorinate pool every 7 days or as necessary with 124-248 oz of product for each 10,000 gals of water to yield 5-10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Re-entry into treated swimming pools is prohibited until chlorine residual is below 4 ppm due to the risk of bodily harm. At the end of pool season or when water is drained from pool, chlorine must be allowed to dissipate from treated pool before discharge. Do not chlorinate pool within 24 hours before discharge. Winterize pool while water is still clear and clean and filter is running by adding 7.2 oz of product for each 1,000 gals of water to obtain 3 ppm available chlorine residual using test kit. Cover pool, prepare heater, filter and heater components for winter following manufacturer's instructions.

**SPA / HOT TUB WATER DISINFECTION:**

Apply 12 oz of this product for each 1,000 gals of water to yield a 5 ppm free available chlorine level using a test kit. Adjust and keep spa / hot tub water pH between 7.2-7.6. Some oils, lotions, fragrances and cleaners, etc. may cause foaming or cloudy water as well as reduce the efficiency of this product. To maintain water add 12 oz of product for each 1,000 gals of water to maintain a chlorine concentration of 5 ppm by weight. After each use super-chlorinate with 19 oz of this product for each 500 gals of water to control odor and algae.

**DISINFECTION OF POTABLE WATER (Public Systems):**

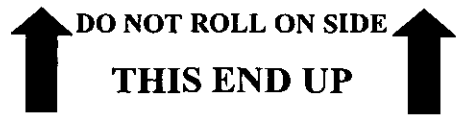
Add 2.4 oz of product to every 100 gals of water and mix thoroughly. Feed solution with a hypo-chlorinator and maintain free available chlorine between 0.2-0.6 ppm throughout distribution system. Check water frequently using a chlorine test kit. Conduct bacteriological sampling at a frequency no less than that prescribed by National Primary Drinking Water Regulations (Contact your local Health Department for more details).

**SANITIZING NON POROUS FOOD CONTACT SURFACES:**

**Rinse Method** Prepare a sanitizing solution by thoroughly mixing 4.8 oz of product with 10 gals of water for 200 ppm available chlorine by weight. Clean equipment surfaces in normal manner. Prior to use rinse all surfaces thoroughly with sanitizing solution and maintain contact with sanitizing solution for at least 2 minutes. Do not rinse equipment with water and do not soak overnight. Solution may not be reused for sanitizing mechanical operations.

**SANITIZING POROUS FOOD CONTACT SURFACES:**

**Rinse Method** Prepare a 600 ppm sanitizing solution by thoroughly mixing 14.3 oz of this product with 10 gals of water. Clean surfaces in the normal manner. Rinse all surfaces thoroughly with sanitizing solution and maintain contact for at least 2 minutes. Prepare a 200 ppm sanitizing solution by thoroughly mixing 4.8 oz of product with 10 gallons of water. Prior to using equipment rinse all surfaces with the 200 ppm sanitizing solution. Do not rinse and do not soak overnight.



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**DOT SHIPPING NAME:**  
HYPOCHLORITE SOLUTIONS, 8, UN1791, PG III

ACCEPTED with COMMENTS  
EPA Letter Dated:

JAN 31 2005

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

41934-20004

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