

41934-2

4/14/2010

1 of 4



Office of Pesticide Programs

APR 14 2010

FILE COPY

Donald C. Helwig
VP-Quality
George S. Coyne Chemical Co., Inc.
3015 State Road
Croydon, PA 19021

Subject: Sodium Hypochlorite Solution
EPA Registration No. 41934-2
Application Date: March 12, 2010
Receipt Date: March 15, 2010

Dear Mr. Helwig:

The following notification submitted in connection with registrations under the provisions of PR Notice 98-10, Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)9 is acceptable.

Proposed Notification:

- Revising "Storage and Disposal" language per PR Notice 2007-4

Comments:

Based on a review of the material submitted, the following comments apply:

This application for notification to revise the "Storage and Disposal" language per PR Notice 2007-4, as referenced above, is acceptable. A copy has been placed in our records for future reference.

Should you have any questions or comments concerning this letter, please contact me at Henson.Wanda@epa.gov or call (703) 308-6345.

Sincerely,

Wanda Y. Henson
Acting Product Manager (32)
Regulatory Management Branch II
Antimicrobials Division (7510P)

	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number 41934-2	2. EPA Product Manager	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) SODIUM HYPOCHLORITE	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) GEORGE J. COYNE CHEMICAL CO., INC. 3015 STATE ROAD CROYDON, PA 19021 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.) **NOTIFICATION OF LABEL CHANGE PER PR NOTICE 2007-4. THIS NOTIFICATION IS CONSISTENT WITH THE GUIDANCE IN PR NOTICE 2007-4 AND THE REQUIREMENTS OF EPA'S REGULATIONS AT 40CFR §§ 156.10, 156.14, 156.144, 156.146 AND 156.156. NO OTHER CHANGES HAVE BEEN MADE TO THE LABELING OR THE CONFIDENTIAL STATEMENT OF FORMULA FOR THIS PRODUCT. I UNDERSTAND THAT IT IS A VIOLATION OF 18 U.S.C. 561 (C) 1 TO WILLFULLY MAKE ANY FALSE STATEMENT TO THE EPA. I FURTHER UNDERSTAND THAT IF THE VANDERBILT LABEL IS NOT CONSISTENT WITH THE REQUIREMENTS OF 40 CFR §§ 156.10, 156.14, 156.144, 156.146 AND 156.156, THIS PRODUCT MAY BE IN VIOLATION OF FIFRA AND I MAY BE SUBJECT TO ENFORCEMENT ACTIONS AND PENALTIES UNDER SECTIONS 12 AND 14 OF FIFRA.**

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
3. Location of Net Contents Information <input type="checkbox"/> Label <input checked="" type="checkbox"/> Container			4. Size(s) Retail Container 5g, 15g, 30g, 55g, 220g, 330g		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name DONALD C. HELWIG	Title VP-QUALITY	Telephone No. (Include Area Code) 215-785-3000
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title CFO/TREASURER	
4. Typed Name DONALD C. HELWIG	5. Date 2/17/2010	

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS & DOMESTIC ANIMALS****DANGER**

CORROSIVE: May cause severe 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 an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authorities. For guidance, contact your State Water Board or Regional Office of the EPA.

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

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 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinse into application equipment or rinse collection system. Repeat this procedure two more times.

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 sewer. Do not reuse container, 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****

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

FOR INDUSTRIAL USE ONLY**SODIUM HYPOCHLORITE SOLUTION**

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

ACTIVE INGREDIENT

SODIUM HYPOCHLORITE 12.5%
OTHER INGREDIENT 87.5%

**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 eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Flush with water for at least 15 minutes. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse immediately with plenty of water for 15-20 minutes. Wash with soap and water.

IF SWALLOWED: Call 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is 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 REGISTRATION NUMBER: 41934-2
EPA Est. NUMBER: 41934-PA-001

CONTENTS INCLUDE
SODIUM HYPOCHLORITE CAS # 7681-52-9
WATER CAS # 7732-18-5

FOR ASSISTANCE IN ANY EMERGENCY
INVOLVING CHEMICALS CALL
CHEMTREC
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 (cont.)****SWIMMING POOL WATER DISINFECTION:**

For new pool or spring start-up super-chlorinate with 52-104 oz of product for each 10,000 gals of water to yield 5-10 ppm available chlorine with a test kit. Adjust and keep the pool water pH between 7.2-7.6. Adjust and maintain alkalinity of pool between 50-100 ppm. To maintain pool add manually or by feeder device 11 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 52-104 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. Do not reenter pool until chlorine residual is between 1-3 ppm. At the end of pool season or when water is drained from pool, chlorine must be allowed to dissipate from treated pool before discharge. Don't chlorinate pool within 24 hours before discharge. Wastewater pool white water is still clear and clean and filter is running by adding 3 oz of product for each 1000 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 instructions.

DISINFECTION OF POTABLE WATER (Public Systems)

Add 1 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 SURFACE

Rinse Method: Prepare a sanitizing solution by thoroughly mixing 2 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 SURFACE

Rinse Method: Prepare a 600 ppm sanitizing solution by thoroughly mixing 6 oz of product with 10 gals of water. Clean surfaces in the normal manner. Rinse all surfaces thoroughly with sanitizing solution and maintain contact with sanitizing solution for at least 2 minutes. Prepare a 200 ppm sanitizing solution by thoroughly mixing 2 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.

EGG SANITATION:

Clean shell of the eggs intended for food or food products, using 1 oz of product for each 5 gals of water for 200 ppm available chlorine by weight. The solution must be equal to or warmer than the eggs, but not exceed 130 deg F. Thoroughly wet eggs with the diluted solution and allow to drain. All eggs sanitized with the diluted solution may be broken for use in the manufacture of egg products without a prior potable water rinse. Eggs must be reasonably dry before casing or breaking. Do not reuse solution for sanitizing eggs.

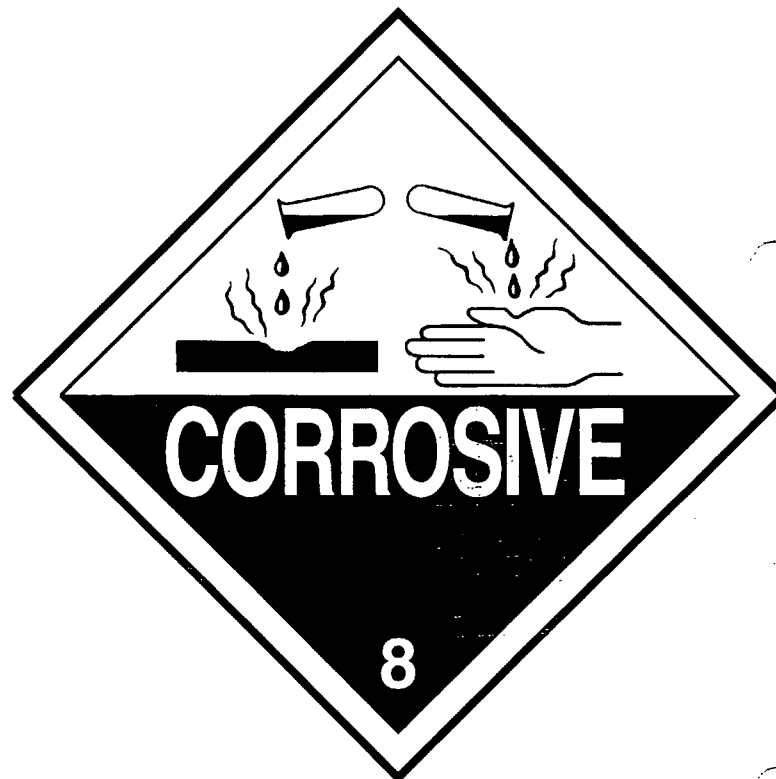
FOR USE IN COOLING TOWERS & EVAPORATIVE CONDENSER WATER

When system is noticeably fouled, apply 52-104 oz of product for each 10,000 gals of water in system for 5-10 ppm available chlorine. Repeat process until control is achieved. For subsequent doses when microbial control is evident, add 11 oz of product for every 10,000 gals of water in system for 1 ppm available residual chlorine. Apply as needed to maintain control and keep chlorine residual at 1 ppm. Badly fouled systems must be cleaned before treatment.

HEALTH	3
FLAMMABILITY	0
REACTIVITY	2

DOT SHIPPING NAME:

RQ, UN1791, HYPOCHLORITE SOLUTIONS, 8, PG II



RELEASED FOR SHIPMENT BY

Coyne Chemical
Chemicals for the industries since 1888

George S. Coyne Chemical Co., Inc.
3015 State Road, Croydon, PA 19121
Telephone: (215) 785-3000

NOTIFICATION
Date Reviewed: 4/16/10
Reviewed By: W. H. H. H.

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