



10/05/2011
 U.S. ENVIRONMENTAL PROTECTION AGENCY
 OFFICE OF PESTICIDES AND ENVIRONMENTAL PROTECTION
 Antimicrobials Division (7510P)
 1200 Pennsylvania Avenue NW
 Washington, D.C. 20460

EPA Reg. 72315-17
 Date of Issuance: OCT - 5 2011
 Term of Issuance: Conditional
 Name of Pesticide Product: Hypure Bleach MP 1

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Olin Corporation
 D/B/A Olin Chlor Alkali Products
 490 Stuart Road, NE
 Cleveland, TN 37312

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 (OPP Decision No. D-450709) is registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration 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 re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Revise the "EPA File Symbol to read, EPA Reg. No. 72315-18 "

Signature of Approving Official:

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

Date:

OCT - 5 2011

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CONCURRENCES

SYMBOL	7510P	7510P					
SURNAME	W. Henson	HARRIS					
DATE	10-5-11	10-6-11					

b. Revise "For Manufacturing And Reformulating Use Only" to read "For Manufacturing And Reformulating Use."

c. Revise the "Hazards to Humans and Domestic Animals" statement as follows:

DANGER. Corrosive. Cause irreversible eye damage. May cause severe skin irritation or chemical burns to broken skin. May be fatal if swallowed. Do not get in eyes, on skin or clothing. Wear goggles, face shield or safety glasses and neoprene jacket coveralls boot and rubber gloves when handling this 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. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until odors have dissipated.

d. The non-pesticidal information is not appropriate for this Manufacturing Use Product pesticidal registration and has been removed from the label.

e. Under the "Precautionary Statements" section on the product label, change "after handling and before eating, drinking, or using tobacco" to read "after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet."

f. Under the "Storage and Disposal" section on the product label, change the Pesticide Container Undiluted Product subheading to read "Pesticide Container Handling Undiluted Product."

g. Under the "Storage and Disposal" section on the product label, change the Pesticide Container Diluted Product subheading to read "Pesticide Container Handling Diluted Product."

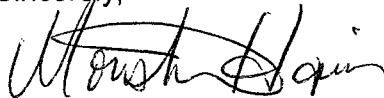
3. Confidential Statement of Formula. The basic CSF dated May 3, 2011 was revised and replaced with the CSF dated September 13, 2011, which was deemed to be acceptable.

4. Submit three (1) copy of your final printed labeling before distributing or selling the product bearing 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.

A stamped copy of the label accepted with conditions is enclosed for your records. Should you have any questions regarding this letter, please contact Wanda Henson by phone at (703) 308-6345 or via email at Henson.Wanda@epa.gov.

Sincerely,



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

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HyPure® Bleach MP1

Manufacturing Use

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE PRECAUTIONARY STATEMENTS

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT - 5 2011

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 72315-17

ACTIVE INGREDIENT:

Sodium Hypochlorite.....22.0%

OTHER INGREDIENTS.....78.0%

TOTAL100.0%

Available chlorine 20.9%

EPA Reg. #72315-XX

EPA Est. #'s

72315-AL-001 61667-CA-001 61667-WA-001

72315-GA-001 61667-CA-002 61667-WA-002

72315-NY-001 61667-LA-001 71207-CAN-002

72315-TN-001 61667-NV-001

See Bill of Lading for specific establishment number.

FIRST AID

If in eyes	<ul style="list-style-type: none"> • 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.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further 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.	
FOR ALL ACCIDENTS, CALL CHEMTREC AT 1-800-424-9300 (in USA) OR NEWALTA AT 1-800-567-7455 (in CANADA)	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: DANGER. Corrosive. Causes irreversible eye damage. May cause severe skin and eye irritation or chemical burns to broken skin. May be fatal if swallowed. Do not get on skin, in eyes, or on clothing. Wear safety glasses/goggles, face shield and neoprene jacket, coveralls, boots and gloves when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse. 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, ponds, streams, 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 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.

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.

OLIN CHLOR ALKALI PRODUCTS, 490 STUART ROAD N.E., CLEVELAND, TN 37312

Net Wt: [See Bill of Lading]

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**REAL THE PRECAUTIONARY STATEMENTS BLEACH USE.
FOR MANUFACTURING AND REFORMULATING USE
DIRECTIONS FOR USE**

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

This concentrated grade of sodium hypochlorite is shipped and stored at 0 to 10 degrees centigrade (32°F to 50°F). As soon as possible upon receipt this product must be analyzed for sodium hypochlorite content and diluted as per directions below or analyzed for sodium hypochlorite content and used, as received, to manufacture other antimicrobial products that contain additional compatible ingredients.

Dilution of product: Reformulator must analyze product for sodium hypochlorite content and dilute to label strength as needed. Dilute product with locally treated water with a pH of 7.0 to 7.8 and free from heavy metals, oxidizing or reducing agents. The dilute product must be stored in clean containers away from heat or direct sunlight and free of rust or other destabilizing contaminants. To dilute from 22% to 12.5% sodium hypochlorite, mix 97.5 gallons of water per 100 gallons of product.

Each reformulator/manufacturer must register the reformulated/manufactured product with the Environmental Protection Agency under a label bearing end use directions for any of the following EPA approved end uses, and satisfying all applicable EPA labeling requirements:

MANUFACTURING USE ONLY: *For manufacturing use only in the formulation of end-use products intended as:* Sanitizers of surfaces (e.g. wooden butcher blocks, stainless steel tops, concrete floors, tile walls); or sanitizers of commercial and household laundry; or disinfectants of human drinking water (emergency/public/individual), swimming pool water, Hubbard/immersion tank water, spas/hot tubs, hydrotherapy pools, human drinking water systems (e.g. water mains, wells, reservoirs, filters); or disinfectants of nonporous hard surfaces (e.g. tile, glass, stainless steel, fiberglass). Also agents to help control microorganisms in sewage, wastewater, industrial and pulp and paper process water system; or algaecides/slimicides in cooling towers or evaporative condensers; or sanitizers of dialysis machines; or sanitizers of toilet bowls. Also agents to help control algae and bacteria in fish and lobster ponds/tanks and condition oysters; or agents to help control slime on boat bottoms; or agents to sanitize and deodorize artificial sand beaches; or agents to kill scavenger fish in fish hatchery ponds; or agents to wash fruits and vegetables.

Reformulators and repackagers of this product must obtain their own registrations from the Environmental Protection Agency.

STORAGE AND DISPOSAL

Do not contaminate food or feed by storage, disposal or cleaning of equipment.

Pesticide Storage Undiluted Product: This concentrated grade of sodium hypochlorite is shipped and stored at 0 to 10 degrees centigrade (32°F to 50°F). As soon as possible upon receipt this product must be diluted as per directions for use or used, as received, to manufacture other antimicrobial products as described in the directions for use. **Pesticide Storage Diluted Product:** Store in a cool, dry area away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large amounts of water. **Pesticide Disposal Undiluted Product:** Contact Olin for instructions. **Pesticide Disposal Diluted Product:** Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer or other approved disposal facility. **Pesticide Container Undiluted Product:** Tank Cars and Rail Cars: Refill with bleach OR contact Olin for instructions. **Pesticide Container Diluted Product:** Bulk storage and Drums, Totes, and Intermediate Bulk Containers (IBC): Refill with bleach only. Triple or pressure rinse nonrefillable or cracked refillable containers and offer for recycling, reconditioning or disposal. Dispose of residue rinsates in a sanitary sewer or other approved disposal facility.

Mfg. Date _____

Product good for up to 30 days after the manufacturing date when stored at an average of $\leq 5^{\circ}\text{C}$ (41°F) or up to 26 days after the manufacturing date when stored at an average of $\leq 10^{\circ}\text{C}$ (50°F). Analyze for sodium hypochlorite content as soon as possible upon receipt and follow directions for use above.