

72315-18

12/19/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

DEC 19 2011

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Ms. Cristina Griffin  
Agent for Olin Corporation  
12510 Prosperity Drive, Suite 160  
Silver Spring, Maryland 20904

Subject: HyPure® Bleach MP2  
EPA Registration No.: 72315-18  
Application Date: 09/21/2011  
Receipt Date: 09/21/2011

Dear Ms. Griffin:

The following amendment submitted in connection with registration under FIFRA, as amended, is acceptable.

**Proposed Amendment**

- Addition of language for Cleaning Formulations, Bleaching & Non-pesticide Chemical Manufacturing

**General Comments**

A stamped label is enclosed for your records. Should you have any questions or comments concerning this letter, you may contact me by telephone at (703) 308-0410 or by e-mail at [harris.monisha@epa.gov](mailto:harris.monisha@epa.gov) or Jaclyn Carl at 571-384-5684 or by email at [carl.jaclyn@epa.gov](mailto:carl.jaclyn@epa.gov). When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,

A handwritten signature in black ink that reads "Monisha Harris".

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

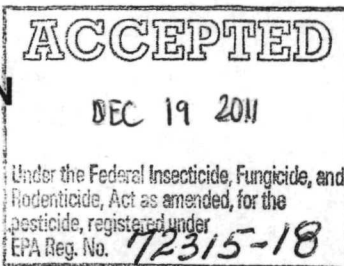
# HyPure® Bleach MP 2

## Manufacturing Use

### KEEP OUT OF REACH OF CHILDREN

# DANGER

SEE PRECAUTIONARY STATEMENTS



ACTIVE INGREDIENT:  
Sodium Hypochlorite.....19.0%  
OTHER INGREDIENTS .....81.0%  
TOTAL .....100.0%

Available chlorine 18.9%

EPA Reg. #72315-18

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	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>NOTE TO PHYSICIAN</b> – Probable mucosal damage may contraindicate the use of gastric lavage.	
<b>FOR ALL ACCIDENTS, CALL CHEMTREC AT 1-800-424-9300 (in USA)</b> <b>OR NEWALTA AT 1-800-567-7455 (in CANADA)</b>	

### PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS:** **DANGER. Corrosive.** Causes 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, boots 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.

**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]

**READ THE PRECAUTIONARY STATEMENTS BEFORE 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 19% to 12.5% sodium hypochlorite, mix 63 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 algacides/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.*

**CLEANING FORMULATIONS, BLEACHING, & NON-PESTICIDE CHEMICAL MANUFACTURING:** This product may be used for cleaning formulations, bleaching and non-pesticide chemical manufacturing. Only specifically designed handling and dispensing equipment should be used in accordance with manufacturer's instructions and according to operating instructions or product formulations defined by the use facility.

**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 Handling Undiluted Product:** Tank Cars and Rail Cars: Refill with bleach OR contact Olin for instructions.

**Pesticide Container Handling 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 10°C (50°F). Analyze for sodium hypochlorite content as soon as possible upon receipt and follow directions for use above.