

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (15 267) WASHINGTON, DC 20460	EPA REGISTRATION NO. 9632-4	DATE OF ISSUANCE <b>SEP 30 1994</b>
	NAME OF PESTICIDE PRODUCT <b>Sodium Hypochlorite Solution</b>	

NOTICE OF PESTICIDE REGISTRATION REREGERISTRATION  
 REREGERISTRATION  
*(Use only for Reregistration, Fungicide, and Rodenticide Act as amended)*

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Bowman, Mell & Company, Inc.  
 P. O. Box Box 1312  
 Harrisburg, PA 17105

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the above named product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Make the following labeling changes before you release the product for shipment:

1. Delete use directions for commercial laundry bleach and all uses on the right panel and reference to product bulletin for additional uses. This product is only registered for use in swimming pools. If you wish to add uses to this registration, you should submit an application for an amendment.

Please note that the label needs to be more legible.

A stamped copy of the product label is enclosed for your records. Submit one copy of the final printed label before releasing the product in channels of trade with the revised labeling.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL \_\_\_\_\_ DATE \_\_\_\_\_

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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 (7505C)

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC  
ANIMALS**

**DANGER:** Corrosive, may cause severe skin and eye 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 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.

**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 rinsals that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not reuse container but place in trash collection or triple rinse with water and return to supplier with all plugs and caps intact for deposit refund. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

**DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. NOTE: This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

**SWIMMING POOL WATER DISINFECTION**

For a new pool or spring start-up, superchlorinate with 52 to 104 fl. oz. of this product per 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of chlorine with test kit. Adjust and maintain pool water pH to between 7.2 to 7.6. Adjust and maintain the alkalinity of the pool to between 50 and 100 ppm. To maintain the pool, add manually or by a feeder device 11 fl. oz. of this product per 10,000 gallons of water to yield an available chlorine residual between 0.8 to 1.0 ppm by weight. Stabilized pools should maintain a residual of 1.0 to 1.5 ppm available chlorine. Test the pH, available chlorine residual and alkalinity of the water frequently with appropriate test kits. Frequency of water treatments will depend on temperature and number of swimmers. Every 7 days, or as necessary, superchlorinate the pool with 52 to 104 fl. oz. of this product per 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Do not re-enter pool until the chlorine residual is between 1.0 to 3.0 ppm. At the end of the swimming season or when water is to be drained from the pool, chlorine must be allowed to dissipate from treated pool water before discharge. Do not chlorinate the pool with 24 hours prior to discharge.

**COMMERCIAL LAUNDRY TREATMENT**  
Mix 1 gallon of 14 gallons of water. Product Sodium Hypochlorite into your normal laundry process.

**SODIUM  
HYPOCHLORITE SOLUTION**

<b>ACTIVE INGREDIENT:</b>	
Sodium Hypochlorite .....	10%
<b>INERT INGREDIENT .....</b>	
	90%
<b>TOTAL:</b>	
	100.0%

**DISINFECTANT      BACTERICIDE      DEODORANT**  
For use in food processing plants, restaurants, swimming pools, water and wastewater plants and as an industrial bleach. See directions.

**KEEP OUT OF REACH  
OF CHILDREN  
DANGER**

**STATEMENT OF PRACTICAL TREATMENT (FIRST AID)**  
**I Contact with EYES Occurs:** Flush with water for at least 15 minutes. Get prompt medical attention.  
**II Contact With SKIN Occurs:** Wash with plenty of soap and water.  
**III SWALLOWED:** Drink large amounts of water. DO NOT induce vomiting. CALL a physician or poison control center immediately.

SEE ADDITIONAL PRECAUTIONS ON LEFT PANEL

NET CONTENTS: ONE FLUID GALLON (3785.4 ml)

*Bowman, Mell & Co., Inc.*

Chemicals for Every Industry

Harrisburg, Pennsylvania 17105  
(717) 238-5235

ACCEPTED  
with COMMENTS  
in EPA Letter D-100  
EPA Registration No. 09632-4  
EPA Establishment No. 09632-PA-01

SEP 30 1994

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 9632-4

**BEST AVAILABLE COPY**

**DIRECTIONS FOR  
DISINFECTION OF**

**PUBLIC SYSTEMS:**  
... water. Begin feeding... available residual of... attained throughout the... chlorine test kit. B... no less than... Drinking Water Regul... further details.

**PUMP AND PAPER**

**SLUG FEED METHOD:**  
apply 52 oz. to 104 oz. to the system to obtain... control is achieved. evident, add 11 oz. of... system daily, or as n... residual at 1 ppm. I... treatment is begun.

**SEWAGE & WASTE**

The disinfection of... the total number of... probable number (MP... reduced to or below... regulatory jurisdiction... SEWAGE AND W... EFFLUENT SLIM... chlorine solution at a... this solution by mixing... water. Once control... solution. Prepare this... gallons of water.

**FILTER BEDS-SLIM**

a depth of 1 ft. above... sq./ft. evenly over the... to a level that is even... completely draining w... Wait 4 to 6 hours before

**SANITIZATION**

**SURFACES**

**RINSE METHOD:** A... used in the sanitizing... containing an initial... be tested and adjust... does not drop below... thoroughly mixing... provide approximate... Clean equipment sur... surfaces thoroughly w... the sanitizer for at least... available chlorine... the solution... Do not rinse eq... equipment overnight. Sanitizer used in aut... but may not be re-us...

SEE PRODUCT DIRECTIONS.