

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (15 267) WASHINGTON, DC 20460	EPA REGISTRATION NO. 41619-1	DATE OF ISSUANCE SEP 30 1994
	NAME OF PESTICIDE PRODUCT Liquid Chlorinating Product	

NOTICE OF PESTICIDE REGISTRATION  
 (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

REGISTRATION  
 REREGISTRATION

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

E. J. Miller & Sons Pool Co.  
 Box 208 RD4  
 Mifflinburg, PA 17844

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 "general classification" from the "Directions For Use" section.
2. Revise the ingestion statement to read: "If swallowed, drink large amounts of water. Do not induce vomiting. Call a physician or poison control center immediately".

ATTACHMENT IS APPLICABLE

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

- 3. Revise the "Environmental Hazards" statement on the label to read:

"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 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

- 4. The heading "First Aid" should be changed to read: "Statement of Practical Treatment (First Aid)".
- 5. Delete "or burying in an approved landfill" in the Storage and Disposal section.
- 6. The swimming pool directions are incomplete. Include the following information. Refer to the enclosure for guidance.
  - a. instructions regarding the frequency of super-chlorination.
  - b. instructions regarding end of season procedure.
  - c. the statement "Do not re-enter pool until the chlorine residual is between 1.0 to 3.0 ppm.
- 7. Correct the spelling of "hypochlorite" at bottom of center panel.

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.

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)

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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.

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 rinsates 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.

SWIMMING POOL WATER DISINFECTION

For a new pool or spring start-up, superchlorinate with 52 to 104 oz. of product for each 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. Adjust and maintain pool water pH to between 7.2 to 7.6. Adjust and maintain the alkalinity of the pool to between 50 to 100 ppm.

To maintain the pool, add manually or by a feeder device 11 oz. of this product for each 10,000 gallons of water to yield an available chlorine residual between 0.6 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 treatment will depend upon temperature and number of swimmers.

Every 7 days, or as necessary, superchlorinate the pool with 52 to 104 oz. of product for each 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 reenter pool until the chlorine residual is between 1.0 to 3.0 ppm.

At the end of the swimming pool 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 within 24 hours prior to discharge.

WINTERIZING POOLS - While water is still clear & clean, apply 3 oz. of product per 1000 gallons, while filter is running, to obtain a 3 ppm available chlorine residual, as determined by a suitable test kit. Cover pool, prepare heater, filter and heater components for winter by following manufacturers' instructions.

**DOT DESCRIPTION  
HYPOCHLORITE  
SOLUTION  
UN 1791**



**DIRECTIONS FOR USE  
GENERAL CLASSIFICATION**

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

**DIRECTIONS FOR SWIMMING POOL CHLORINATION**  
For a new pool or for spring start-up, superchlorinate with one (1) (16 fl. ozs.) of sodium hypochlorite solution for each 3000 gallons of water. This dosage is equivalent to 5 ppm available chlorine by weight.

**Pool Maintenance**  
Adjust pool water pH to 7.6 - 7.2 range and maintain. Add manually or by a feeder device this sodium hypochlorite solution at a rate to maintain an available chlorine residual of 0.8 to 1.0 ppm. One-fourth pint (4 fl. ozs.) of this sodium hypochlorite solution for each 4000 gallons of water will provide 1.0 ppm available chlorine by weight. Frequency of additions to maintain 0.8 to 1.0 ppm available chlorine will depend on temperature and number swimmers. Use test kit to make certain pH and chlorine residual are in the proper range.

**DIRECTIONS FOR DISINFECTION OF POTABLE WATER  
FOR HOME WELL WATER SYSTEMS**

Use the sodium hypochlorite solution in the ratio of one part sodium hypochlorite solution to 11 parts softened water. Mix sodium hypochlorite solution and water thoroughly and begin feeding of solution with a hypochlorinator (metering pump). Maintain a free available chlorine residual of at least 0.2 ppm and no more than 0.8 ppm throughout the distribution system, as determined by a DPD chlorine test kit. Bacteriological sampling must be conducted at a frequency no less than that prescribed by the National Interim Primary Drinking Water Regulations\* Check water frequently with a DPD chlorine test kit. Contact your local health Department for further details.

**DIRECTIONS FOR SANITIZING FOOD PROCESSING  
OR DAIRY EQUIPMENT**

Use equipment in the normal manner. Just before using, rinse all surfaces thoroughly with this sodium hypochlorite solution containing 200 ppm available chlorine. Maintain contact with disinfectant for a minimum of two minutes. Do not rinse with water after treatment with sodium hypochlorite solution. Do not soak overnight. Addition of one (1) quart (2 cups) of this sodium hypochlorite solution per 5 gallons of water will provide approximately 200 ppm available chlorine by weight. Note: This product degrades with age. Use a chlorine test kit and adjust dosage, as necessary, to obtain the required level of available chlorine.

REGISTERED  
with EPA  
in EPA List  
SFP 30 1994

UN 1791  
IN  
EPA LIST  
REG 1

41619-1

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

**DANGER:** Corrosive, may cause skin irritation or chemical burns to broken skin. Causes eye damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield 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 odors have dissipated.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Keep out of lakes, streams or ponds. Treated effluent may not be discharged into lakes, streams, ponds or public waters without a valid discharge permit. For guidance, contact the regional office of the Environmental Protection Agency.

**PHYSICAL AND CHEMICAL HAZARDS:**

**STRONG OXIDIZING AGENT:** Mix only with water according to label directions. Mixing this product with gross filth such as feces, urine, etc., or with ammonia, acids, detergents or other chemicals may release hazardous gases irritating to eyes, lungs and mucous membranes.

manufactured by

**E.J. MILLER & SONS POOL CO.**

**RD #4**

**Box 208**

**Mifflinburg, PA 17844**

EPA REG. NO. 41619-1 EPA EST. NO. 41619-PA-01

**NET CONTENTS: 5 Gallon**

**E.J. MILLER &  
SONS POOL CO.**

**LIQUID CHLORINATING  
PRODUCT**

**STORAGE AND DISPOSAL:** Store in a cool, dry area away from direct sunlight. In case of spill, flood area with large quantities of water. Rinse empty container thoroughly with water and either return to manufacturer or discard by placing in trash collection or burying in an approved landfill. Product or rinsate that cannot be used, should be diluted with water and disposed of in a sanitary sewer. Do not contaminate food, or feed by storage, disposal or cleaning of equipment.

**"FOR SWIMMING POOL CHLORINATION  
AND SANITIZING."**

**ACTIVE INGREDIENT:**  
SODIUM HYPOCHLORITE ..... 12.5%  
**INERT INGREDIENTS** ..... 87.5%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**FIRST AID:** If on skin, wash with plenty of soap and water. If in eyes, flush with water for at least 15 minutes. Get medical attention. If swallowed, drink large quantities of milk, or gelatin solution or, if these are not available, drink large quantities of water. DO NOT give vinegar or other acids. DO NOT induce vomiting. Get prompt medical attention.

See additional precautions on side panel.

**Hypochlorite Solution UN1791**

**DIRECTIONS FOR USE  
GENERAL CLASSIFICATION**

**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING DIRECTIONS FOR SWIMMING POOL CHLORINATION**

For a new pool or for spring start-up, superchlorinate with 16 fl. ozs. of sodium hypochlorite solution for each 4000 gallons of water. This dosage is equivalent to 5 ppm chlorine by weight.

For Pool Maintenance

- (A) Adjust pool water pH to 7.6 - 7.2 range and maintain to 1.0 ppm. One-fourth pint (4 fl. ozs.) of this hypochlorite solution for each 4000 gallons of water will provide 1.0 ppm available chlorine by weight. Frequency of application to maintain 0.6 to 1.0 ppm available chlorine will depend on temperature and number swimmers. Use test kit to make pH and chlorine residual are in the proper range.

**DIRECTIONS FOR DISINFECTION OF POTABLE WATER  
FOR HOME WELL WATER SYSTEMS**

Dilute this sodium hypochlorite solution in the ratio of one part hypochlorite solution to 11 parts softened water. Mix hypochlorite solution and water thoroughly and begin feed solution with a hypochlorinator (metering pump). Maintain available chlorine residual of at least 0.2 ppm and no more than 1.0 ppm throughout the distribution system, as determined by chlorine test kit. Bacteriological sampling must be conducted frequently no less than that prescribed by the National Interim Drinking Water Regulations. Check water frequently with chlorine test kit.

Contact your local health Department for further details.

**DIRECTIONS FOR SANITIZING FOOD PROCESSING  
OR DAIRY EQUIPMENT**

Clean equipment in the normal manner. Just before using, rinse surfaces thoroughly with this sodium hypochlorite solution containing 200 ppm available chlorine. Maintain contact with disinfectant minimum of two minutes. Do not rinse with water after treatment. Add 2 fl. ozs. (2 tblsps.) of this sodium hypochlorite solution per 5 gallons water will provide approximately 200 ppm available chlorine by weight. NOTE: This product degrades with age. Use a chlorine test kit to increase dosage, as necessary, to obtain the required level of available chlorine.

**BEST AVAILABLE COPY**