

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 278-63	DATE OF ISSUANCE February 1, 1990
	TERM OF ISSUANCE FEB 1- 1990	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	NAME OF PESTICIDE PRODUCT Miami Liquid Chlorinating Disinfectant & Germicide	

10F4
PM32
278-63

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Miami Products & Chemical Company
 P.O. Box 496
 Dayton, OH 45401

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.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 278-63" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed 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.

A stamped copy of the label is enclosed for your records.

Wg

Walter C. Francis
 Acting Product Manager
 International Product Group
 Registration Division (7505)

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
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MIAMI

ADDITIONAL DIRECTIONS FOR USE MIAMI LIQUID CHLORINATING DISINFECTANT & GERMICIDE EPA-REGISTRATION #278-41

ACTIVE INGREDIENTS:
Sodium Hypochlorite 10.9%
Inert Ingredients 89.1%

**KEEP OUT OF REACH OF CHILDREN
DANGER!**

See principal label for complete precautionary information and storage and handling instructions.

INDEX OF USES:

- EGG SHELL SANITIZER
- POTABLE WATER SYSTEM SANITIZING
- EQUIPMENT AND UTENSILS (HARD, NON-POROUS FOOD CONTACT SURFACES) WITHOUT A RINSE WITH POTABLE WATER.
- WASHING FRUITS AND VEGETABLES
- LAUNDRY BLEACHING

EGG SHELL SANITIZER

Directions for using White *MIAMI* Liquid Chlorinating Disinfectant & Germicide as an egg shell sanitizer. Wash eggs properly after gathering. Water with an iron content in excess of 2 ppm shall not be used unless equipment capable of removing the excess iron is installed in the water system. The wash water temperature is to be 90°F ~~to 100°F~~. Maintain the wash water at a temperature which is at least 20° warmer than the temperature of the eggs to be washed. Spray rinse the washed eggs with potable water containing at least 100 ppm but not more than 200 ppm of chlorine as provided by *MIAMI* Liquid Chlorinating Disinfectant & Germicide. Use an approved test set to determine proper chlorine residual.

* Not to exceed 130°F. (will be integrated above)

Dilution Table
200 ppm = 1 oz. in 4 gallons of water
100 ppm = 1 oz. in 8 gallons of water

ACCEPTED

278-63
FEB 1 1980

UNDER THE FEDERAL INSECTICIDE, FUNGICIDE AND ROENTGENIDE ACT FOR THE FURTHER REGISTRATION OF THIS PRODUCT UNDER THE FIFTEENTH AMENDMENT TO THE FEDERAL INSECTICIDE, FUNGICIDE AND ROENTGENIDE ACT.

POTABLE WATER SYSTEM SANITIZING

Directions for using *MIAMI* Liquid Chlorinating Disinfectant & Germicide in potable water systems:

MIAMI Liquid Chlorinating Disinfectant & Germicide may be used as a chlorine source in potable water systems. Chlorine may be present in process water of meat plants at concentrations of up to 5 ppm calculated as available chlorine. Use an approved test set to determine chlorine residual. Chlorine may be used in process water of poultry plants at levels acceptable to plant management, recognizing the self-limiting factors of effect on product, corrosion of equipment, and acceptability by plant personnel. Plant management must notify the inspector in charge when the chlorine level is increased above 20 ppm. Chlorine must be dispensed at a constant and uniform level and the method or system must be such that a controlled rate is maintained.

Dilution Table
5 ppm = 1 oz. in 100 gallons of water

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Directions for using *MIAMI* Liquid Chlorinating Disinfectant & Germicide on equipment and utensils (hard, non-porous food contact surfaces) without a rinse with potable water. All surfaces must be thoroughly cleaned with detergent and rinsed with potable water. A *MIAMI* Liquid Chlorinating Disinfectant & Germicide solution containing 200 ppm of available chlorine as determined by an approved test set should be thoroughly applied to all surfaces for a period of not less than 2 minutes. The liquid should be thoroughly removed and the surfaces should be thoroughly rinsed with potable water. The products is made

WASHING

Directions for using *MIAMI* Liquid Chlorinating Disinfectant & Germicide on vegetables:

MIAMI Liquid Chlorinating Disinfectant & Germicide may be used to wash vegetables. If chlorine is present in process water of meat plants at concentrations of up to 5 ppm calculated as available chlorine, use an approved test set to determine chlorine residual. Chlorine may be used in process water of poultry plants at levels acceptable to plant management, recognizing the self-limiting factors of effect on product, corrosion of equipment, and acceptability by plant personnel. Plant management must notify the inspector in charge when the chlorine level is increased above 20 ppm. Chlorine must be dispensed at a constant and uniform level and the method or system must be such that a controlled rate is maintained.

25 ppm

MIAMI

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LIQUID CHLORINATING DISINFECTANT & GERMICIDE

FOR USE IN DAIRIES, FOOD PROCESSING PLANTS, BREWERIES, INSTITUTIONS

Active Ingredients:	
Sodium Hypochlorite	10.9%
Inert Ingredients	89.1%

E.P.A. Reg. No. 278-41
E.P.A. Est. No. 278-OH-1

ONE U.S. GALLON

DANGER: KEEP OUT OF REACH OF CHILDREN.
SEE BACK PANEL FOR REQUIRED PRECAUTIONS.

ACCEPTED

278-63

FEB 1 1980

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTERED
ED UNDER NO. _____ SUBJECT
TO ATTACHED COMMENTS.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN AND DOMESTIC ANIMALS

DANGER: Corrosive, will cause severe skin and eye irritation or chemical burns to broken skin. 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 and do not return until odors have dissipated.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge into lakes, stream, ponds or public waterways unless in accordance with a NPDES permit. For guidance, contact the regional office of the U.S. Environmental Protection Agency.

PHYSICAL AND CHEMICAL HAZARDS

STRONG OXIDIZING AGENT: Mix only with water according to label directions. Mixing this product with organic matter (e.g. urine, feces, etc.) or chemicals (e.g. ammonia, acids, detergents, etc.) will release chlorine gas which is irritating to eyes, lungs and mucous membranes.

PRACTICAL TREATMENT (FIRST AID)

IF CONTACT WITH EYES OCCURS: Flush with water for at least 15 minutes. Get prompt medical attention.

IF CONTACT WITH SKIN OCCURS, wash with plenty of soap and water.

IF SWALLOWED, drink large quantities of milk or gelatin solution. If these are not available, drink large quantities of water. **DO NOT** use vinegar or other acids. **DO NOT** induce vomiting. Get prompt medical attention.

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 area 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.

Manufactured by
Miami Products & Chemical Co.
Dayton, Ohio 45401

MIAMI

LIQUID CHLORINATING DISINFECTANT & GERMICIDE

DILUTION TABLE

200 ppm — Use 1 oz. in 4 gallons of water
100 ppm — Use 1 oz. in 8 gallons of water

DIRECTIONS FOR USE

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

The following are general directions. Consult local Health Authorities for specific uses.

Dairies & Food Processing Plants — After thorough cleaning, disinfect equipment using 1 oz. of this product in 4 gallons of water (200 ppm). Allow contact for 2-5 minutes.

Bottle Chlorination — Use 1 oz. per 16 gallons water (50 ppm) prior to filling.

Institutions — Wash equipment thoroughly. Disinfect using 1 oz. of this product in 8 gallons of water (100 ppm). Soak utensils 2-5 minutes.

NOTE: This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

Contact Miami Products & Chemical Co.,
P.O. Box 486, Dayton, Ohio 45401 to
receive the Miami booklet "Additional
directions for using Miami Liquid
Chlorinating Disinfectant & Germicide".

40F4

MIAMI

LIVID CHLORINATING DISINFECTANT & GERMICIDE DILUTION TABLE

200 ppm — Use 1 oz. in 4 gallons of water
100 ppm — Use 1 oz. in 8 gallons of water

DIRECTIONS FOR USE

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

The following are general directions. Consult local Health Authorities for specific use.

Dairies & Food Processing Plants — After thorough cleaning, disinfect equipment using 1 oz. of this product in 4 gallons of water (200 ppm). Allow contact for 2-5 minutes.

Bottle Chlorination — Use 1 oz. per 16 gallons water (50 ppm) prior to filling.

Institutions — Wash equipment thoroughly. Disinfect using 1 oz. of this product in 8 gallons of water (100 ppm). Soak utensils 2-5 minutes.

NOTE: This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

LAUNDRY BLEACHING

Directions for using White *MIAMI* Chlorinating Disinfectant & Germicide as a sanitizer in laundry:

Wet fabrics on clothes should be spun dry prior to sanitization. Thoroughly mix 1 ounce of *MIAMI* Liquid Chlorinating Disinfectant & Germicide with 4 gallons of water to yield 200 ppm available chlorine. Promptly after mixing the sanitizer, add the solution into the pre-wash prior to washing fabrics/clothes in the regular wash cycle with a good detergent. Test the level of available chlorine. If solution has been allowed to stand. Add more *MIAMI* Liquid Chlorinating Disinfectant & Germicide if the available chlorine level has dropped below 200 ppm.

Dilution Table

200 ppm = 1 oz. in 4 gallons of water

MIAMI

MIAMI PRODUCTS & CHEMICAL CO.
P.O. Box 486
DAYTON, OHIO 45401

MIAMI

200

200

MIAMI PRODUCTS & CHEMICAL CO.
P.O. BOX 486
DAYTON, OHIO 45401