

110-20001

12-17-1993

1/5

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460  <b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION  <i>(Under the Federal Insecticide, Fungicide,          and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO. 110-20001	DATE OF ISSUANCE DEC 17 1993
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT  Chlor-Clean	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

┌ Madison Chemical Company, Inc. ┐  
 │ P. O. Box 1599 │  
 │ Madison, IN 47250-0599 │  
 └──────────────────────────────────┘

**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. Change "Sanitation" to "Sanitization" wherever it appears throughout the labeling.
2. Under Sanitization of Porous Food Contact Surfaces, revise "Rinse equipment with water after treatment xxx" to read "Do not rinse equipment with water after treatment xxx"

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

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
---------------------------------	------

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)

Resubmission of draft label for Chlor-Clean (EPA REG. NO. 110-20001) required by RED for Sodium & Calcium Hypochlorite

1. The headings in the ingredient statement for Active Ingredient and Inert Ingredient must be equally prominent & bold.
2. The following "If Swallowed" statement is to be inserted in the green-highlighted area as indicated below.

**IF SWALLOWED, drink large amounts of water. DO NOT induce vomiting. Call a physician or poison control center immediately.**

3. Insert revised dosages as indicated below.
4. Change "sanitation" to "sanitization" throughout the labeling as highlighted in yellow.
5. The following "Environmental Hazards" statement is to be inserted in the blue-highlighted area as indicated below.

**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.**

**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 product is toxic to fish. Do not discharge into lakes, streams, 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 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.

# MADISON CHLOR-CLEAN

**ACTIVE INGREDIENT:**  
Sodium hypochlorite

12.5 %  
~~87.5 %~~  
100.0%

Keep out of reach of children

## DANGER

**STATEMENT OF 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 give vinegar or other acids. DO NOT induce vomiting. Get prompt medical attention.~~

(See additional precautions on side panel)

**TABLE OF DILUTIONS**

AVAILABLE CHLORINE	WATER	CHLOR-CLEAN
100 ppm	10 gallons	1.2 ounces
200 ppm	10 gallons	2.4 ounces
600 ppm	10 gallons	6.4 ounces
1000 ppm	10 gallons	9.6 ounces

EPA Reg. No. 110-20001  
EPA Est. No. 00110IN01

**MADISON CHEMICAL CO., INC.**  
Madison, Indiana 47250

## Corrosive Liquid, Hypochlorite Solution UN 1791

**SANITATION OF POROUS NON-FOOD CONTACT SURFACES**

Thoroughly clean equipment after use. Prepare a 600 ppm sanitizing solution of sufficient size by thoroughly mixing the product in a ratio of 7 oz. product with 10 gallons of water. Apply sanitizing solution by rinse, immersion or spray/fog method, maintaining contact with the sanitizer for at least 2 minutes. Do not rinse equipment with water after treatment and do not soak equipment overnight. If using the spray/fog method, vacate area for at least 2 hours.

**DISINFECTION OF NONPOROUS NON-FOOD CONTACT SURFACES**

Thoroughly clean equipment after use. Prepare a 600 ppm sanitizing solution of sufficient size by thoroughly mixing the product in a ratio of 7 oz. product with 10 gallons of water. Apply sanitizing solution by rinse or immersion method, maintaining contact with the sanitizer for at least 10 minutes. Do not rinse equipment with water after treatment and do not soak equipment overnight.

**FOOD EGG SANITIZATION**

Thoroughly clean all eggs. Thoroughly mix 7 oz. of this product with 10 gallons of warm water to produce a 200 ppm available chlorine solution. The sanitizer temperature should not exceed 130°F. Spray the warm sanitizer so that the eggs are thoroughly wetted. Allow the eggs to thoroughly dry before casing or breaking. Do not apply a potable water rinse. The solution should not be re-used to sanitize eggs.

### 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 residues that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not reuse container. Place in trash collection. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

Not for sale or use after

**ACCEPTED  
with COMMENTS  
in EPA Letter 11/22/93**

NET CONTENTS:

U.S. Gallons

**DEC 17 1993**

Under the Federal Insecticide, Fungicide, and Rodenticide Act  
110-20001

Steve Hill 10-13-93

3/5

4/5

MADISON

Fax (812) 273-6002  
Phone (812) 273-6000



CHEMICAL CO., INC.

P.O. Box 1599 • Madison, Indiana 47250-0599

ACCEPTED  
WITH COMMENTS

DEC 17 1993

110-20001  
Disinfectant  
No.

### CHLOR-CLEAN

**DESCRIPTION:** **CHLOR-CLEAN** is a liquid 12.5% sodium hypochlorite disinfectant. It can be an effective part of a sanitation program in food processing plants, milk plants, cheese plants, etc. It is also very effective as an additive to cleaning solutions, especially for the removal of stains and films.

**PROPERTIES:**

Appearance: Yellowish green liquid with faint chlorine odor

Specific Gravity: 1.21

Available Chlorine: 11.9% (2.4 oz. in 10 gallons of water = 200 ppm)

U.S.D.A. Status: Sanitizer for all surfaces not always requiring a rinse. Category = D2

**APPLICATION:** **CHLOR-CLEAN** may be applied to previously cleaned surfaces as a rinse, dip, spray or fog. For most uses, a minimum contact time of not less than two minutes is required. Rinse with potable water all food-contacting surfaces treated with over 200 ppm available chlorine. Do not soak in chlorine solutions overnight.

#### TABLE OF DILUTIONS

<u>AVAILABLE CHLORINE</u>	<u>WATER</u>	<u>CHLOR-CLEAN</u>
100 ppm	10 gallons	1.2 ounces
200 ppm	10 gallons	2.4 ounces
600 ppm	10 gallons	6.4 ounces
1000 ppm	10 gallons	9.6 ounces

As an additive to boost the capability of cleaning solutions, **CHLOR-CLEAN** is typically used at 200 - 400 ppm.

CONTINUED

5/5

## CHLOR-CLEAN

### PRODUCT CAUTIONS:

#### 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.

#### 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.

#### STATEMENT OF 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 amounts of water. DO NOT induce vomiting. Call a physician or poison control center immediately.

#### 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.