

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

63243-1

DATE OF ISSUANCE

APR 26 1990

TERM OF ISSUANCE

NOTICE OF PESTICIDE:  REGISTRATION  
 REREГИSTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

MOR-Chlor

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

┌ Norwalk wastewater Equipment Co. ┐  
220 Republic St.  
Norwalk, Ohio 44857

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. 63243-1" 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 n-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.

Walter C. Francis  
Acting Product Manager (32)  
Antimicrobial Program Branch  
Registration Division (H7505C)

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

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( center panel )

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

63243-1

MOR - CHLOR

A Dry Chlorinating Compound    Bactericide    Disinfectant

Slow Release    Low Residue

Active Ingredient - Calcium Hypochlorite    70%  
Inert Ingredients -    30%

EPA Registration Number - 62176-1  
EPA Establishment Number -                     

Net Contents            pounds

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 medical treatment

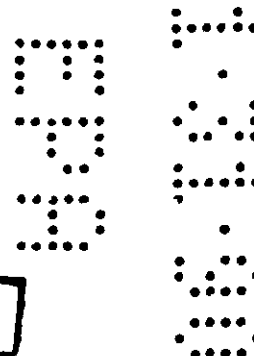
If contact with skin occurs, <sup>WASH with plenty soap and water</sup> ~~brush off excess chemical and flush skin with cold water~~ for at least 15 minutes. If irritation persists, get medical attention.

If swallowed, <sup>Drink promptly a large quantity of water.</sup> ~~feed bread soaked in milk, followed by olive oil or cooking oil,~~ Do not induce vomiting. Call a physician immediately. ~~Avoid alcohol.~~

( See Additional Precautions on Side Label )

MANUFACTURED BY :

Norwalk Wastewater Equipment Co.  
220 Republic Street  
Norwalk, Ohio 44857



**BEST AVAILABLE COPY**

( left panel )

215  
ACCEPTED  
with COMMENTS  
in EPA Letter Dated

March 1984

PRECAUTIONARY STATEMENTS

HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS

United States Environmental Protection Agency  
Federal Register  
Vol. 49, No. 107, pp. 215-216  
Registered under the Federal Insecticide, Fungicide, and Rodenticide Act  
63243-1

Danger - Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get into eyes, on skin or on clothing. Wear goggles or safety glasses and rubber gloves when handling. Irritating to nose and throat. Avoid breathing dust. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

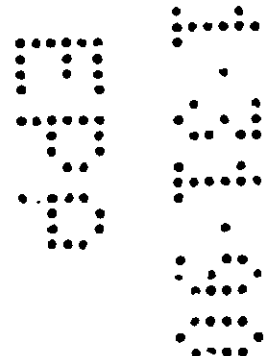
This product is toxic to fish. Do not discharge into lakes, streams, ponds or public water unless in accordance with an NPDES Permit. For guidance consult the regional office of the U.S. Environmental Protection Agency.

PHYSICAL AND CHEMICAL HAZARDS

Strong Oxidizing Agent : Mix only with water. Use clean, dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter, or other chemicals will start a chemical reaction with generation of heat, liberation of hazardous gases and possible generation of fire and explosion. In case of contamination or decomposition, do not reseal container. If possible isolate container in open air or well-ventilated area. Flood with large volumes of water, if necessary.

Notice

Federal Law requires that this product be sold in it's original container and in the quantity shown on the label.



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( right panel )

### DIRECTIONS FOR USE

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

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### STORAGE AND DISPOSAL

Keep this product in a tightly closed container, when not in use. Store in a cool, dry, well-ventilated area away from heat or open flame. In case of decomposition, isolate container ( if possible ) and flood area with large amounts of water to dissolve all material before discarding this container. Do not reuse empty container. Place in trash collection. Do not contaminate food or feed by storage, disposal, or cleaning of equipment.

### SEWAGE & WASTEWATER EFFLUENT TREATMENT

The disinfection of sewage effluent must be evaluated by determining the total number of coliform bacteria and/or fecal coliform bacteria, as determined by the Most Probable Number ( MPN ) procedure, or the chlorinated effluent has been reduced to or below the maximum permitted by the controlling regulatory jurisdiction.

On the average, satisfactory disinfection of secondary wastewater effluent can be obtained when the chlorine residual is 0.5 ppm after 15 minutes contact. Although the chlorine residual is the critical factor in disinfection, the importance of correlating chlorine residual with bacteria kill must be emphasized.

The MPN of the effluent, which is directly related to the water quality standards requirements, should be considered an operating standard valid only to the extent verified by the coliform quality of the effluent.

The following are critical factors effecting wastewater disinfection :

1. Mixing : It is imperative that the product be instantaneous and completely mixed to assure reaction with every chemically active soluble & particulate component of the wastewater.

2. Dosage/Residual Control : Successful disinfection is extremely dependent on response to fluctuating chlorine demand to maintain a predetermined chlorine level. Secondary effluent should contain 0.2 to 1.0 ppm chlorine residual after a 15 to 30 minute contact time. A reasonable average of chlorine is 0.5 PPM after 15 minutes contact time.

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( Directions for use - right panel continued )

DISINFECTION OF DRINKING WATER

63243-1

Public Water System :

Begin feeding this product with a tablet hypochlorinator until a free available chlorine residual of at least 0.2 ppm and no more than 0.6 ppm is obtained throughout the distribution system. Check water frequently with a chlorine test kit. Bacteriological sampling must be conducted at a frequency no less than that prescribed by the National Interim Primary Drinking Water Regulations. Contact your local health department for further details.

