

63243-4

10-4-2001

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510C)  
1200 Pennsylvania Avenue, N.W.  
Washington, D.C. 20460

EPA Reg.  
Number:

63243-4

Date of Issuance:

OCT - 4 2001

## NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

BLUE CRYSTAL

Name and Address of Registrant (include ZIP Code):

Norwalk Wasterwater Equipment Company  
220 Republic Street  
Norwalk, OH 44857-1196

**Note:** Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for Reregistration of your product under FIFRA section 4.
2. Make the following label changes:
  - a. Revise the EPA Registration Number to read, "EPA Reg. No. 63243-4."
  - b. Add the following statement under the (Septic Tanks) directions for use: **Note:** This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

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Signature of Approving Official:

Robert S. Brennis, Product Manager 32

Date:

OCT - 4 2001

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- c. Update the First Aid Statement Per PR Notice 2001-1.
  - d. Revise the Storage and Disposal statement to add the phrases:  
  
"Keep in original container."  
"Contamination with moisture, **acids**, organic matter . . ."
  - e. Revise the Physical and Chemical Hazards directions for use to include the phrase:  
  
"Use only clean dry utensils **made of metal or plastic each time product is taken from the container.**"
3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

The Confidential Statement of Formula (CSF) dated September 26, 2001 is acceptable and has been made a part of the file.

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

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# NORWECO, INC.

Norwalk Wastewater Equipment Company

## BLUE CRYSTAL<sup>®</sup> TABLETS

A Calcium Hypochlorite Disinfecting Tablet for  
Residential Wastewater Treatment Systems

Active Ingredient - Calcium Hypochlorite.....73%  
Inert Ingredients.....27%  
Available Chlorine Minimum.....70%  
EPA Registration Number –  
EPA Establishment Number –

### KEEP OUT OF REACH OF CHILDREN DANGER

#### Statement of practical treatment (First Aid)

IF IN EYES: Hold eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. Call poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.

IF SWALLOWED: Call poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. (See additional precautions on side label)

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

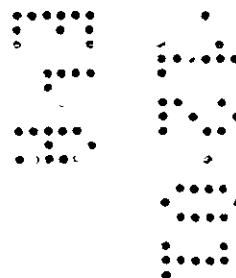
OCT - 4 2001

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

63243 - 4

Manufactured By:  
220 Republic Street  
Norwalk, Ohio USA 44857-1196  
(419)668-4471

NET CONTENTS -



**-NOTICE-**

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

**PRECAUTIONARY  
STATEMENTS  
Hazards to Humans  
and Domestic Animals**

**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 pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other 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.

**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.

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Fungicide, and Rodenticide Act as  
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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.

### 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 affecting wastewater disinfection:*

1. *Mixing:* It is imperative that the product be instantaneously and completely mixed to assure reaction with every chemically active soluble & particulate component of the wastewater.
2. *Contacting:* Upon flash mixing, the flow through the system must be maintained.
3. *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.

### Septic Tanks

#### (Small Wastewater Treatment Plants)

To refill a residential, or small scale wastewater treatment chlorinator, remove tubes holding tablets, if applicable, and fill as follows:

1. Remove caps and rinse tubes. Clean with water.
2. Fill each tube to top, one tablet at a time.
3. Tablets must lie flat, or tubes will clog.
4. Replace caps and install tubes so they rest in channel in floor of chlorinator.
5. See Manufacturer's chlorinator brochures for additional instructions.

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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.