

JUN 14 1996

Jet Inc.  
 750 Alpha Drive  
 Cleveland, Ohio 44143-2333

Attention: Kenneth D. Riesberg  
 Director of Engineering Research & Development

Subject: Jet-Clor  
 EPA Registration Number 45983-1  
 Your Amendment Dated February 28, 1996

This is in response to your request to amend this registration of the subject product by revising the ingredient statements and the Confidential Statement of Formula (CSF). Please note the following:

1. The revised basic Confidential Statement of Formula dated February 28, 1996 agrees with the label and would be acceptable.

a. Since you are repackaging with another EPA registered product, EPA Reg. No. 748-285, the certified limits for this product should be the same as for the currently EPA registered product.

b. Submit a revised Confidential Statement of Formula (CSF) but do not enter the certified limits in column #14b. If you wish to assign your own certified limits in column #14b, then change the lower certified limit to a lower value but not 70% which is the nominal concentration listed on the February 28, 1996 amended label.

CONCURRENCES							
SYMBOL							
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2. The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable, provided that you make the following label revision listed below:

1. Under the Precautionary Statements section, subheading "Hazards to Humans and Domestic Animals", add the statement "DANGER - Highly corrosive" on the front panel.

A stamped copy of your labeling is enclosed for your records. Submit one copy of the final printed label prior to release of the product for shipment.

If you have any questions concerning this letter, please contact LaVerne Dobbins at (703) 305-7064.

Sincerely,

*Robert J. Francis*

Walter C. Francis  
Acting Product Manager (32)  
Antimicrobial Program Branch  
Registration Division (7505C)

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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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 local 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.

### NOTICE

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

# JET-CHLOR®

A DRY CHLORINATING COMPOUND • BACTERICIDE • DISINFECTANT

ACTIVE INGREDIENT-CALCIUM HYPOCHLORITE ..... 70%  
INERT INGREDIENTS ..... 30%  
EPA REG. NO. .... 45983

EPA EST. NO. 7137-NJ-01  
LOT NO. ACCEPTED  
NET CONTENTS ...with COMMENTS  
in EPA Label Data

JUN 14 1996

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

45983-1



1500 ALPINE DRIVE, CLEVELAND, OHIO 44143 • U.S.A. • 216/461-2000

EMERGENCY TELEPHONE NUMBER: (304) 843-1300

## KEEP OUT OF REACH OF CHILDREN DANGER

### STATEMENT OF PRACTICAL TREATMENT (FIRST AID)

- **EYE OR SKIN CONTACT:** If contact with skin occurs, wash with plenty of soap and water. For eye contact, get immediate medical attention. If skin irritation occurs, get medical attention.
- **INHALATION:** Remove to fresh air. If signs of irritation or discomfort occur, take immediately to a hospital or physician.
- **SWALLOWING:** If swallowed, drink large quantities of water. DO NOT induce vomiting. Take immediately to a hospital or physician. If vomiting occurs, administer additional water. If unconscious or in convulsions, take immediately to a hospital. Do not attempt to induce vomiting or give anything by mouth to an unconscious person.

(SEE ADDITIONAL PRECAUTIONS ON SIDE LABEL)

## DIRECTIONS FOR USE

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

### 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 materials 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 AND 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 must be 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 requirement, 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 flash-mixed to assure reaction with every chemically active soluble & particulate component of the wastewater.
2. **DOSEAGE/RESIDUAL CONTROL:** Successful disinfection is extremely dependent on response to fluctuating chlorine demand to maintain a predetermined, desirable 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 residual chlorine is 0.5 PPM after 15 minutes contact time.

### COOLING TOWER/EVAPORATIVE CONDENSER WATER

#### Continuous Feed Method

**INITIAL DOSE:** When system is noticeably fouled, apply 2 to 4 tablets (10 to 20 oz.) of this product per 10,000 gallons of water in the system to obtain 5 to 10 PPM available chlorine.

**SUBSEQUENT DOSE:** Maintain this treatment level by starting a continuous feed using a tablet hypochlorinator. To dose, use 1 tablet of this product (5 oz.) per 15,000 gallons of water, lost by blowdown to maintain a 1 PPM residual. Badly fouled systems must be cleaned before treatment is begun.