

BIO-12

ACCEPTED  
with COMMENTS  
In EPA Labeling

MAR 11 1980

Produced by  
EPA  
registered under EPA Reg. N  
49005-2

### DIRECTIONS FOR USE GENERAL CLASSIFICATION

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

BIO-12 is used to control algae and bacteria in recirculating commercial and industrial water cooling towers. Prior to its use, systems must be cleaned to remove algal growth, microbiological slime, and other deposits. An initial slug addition of 3.3 to 6.6 fluid ounces of BIO-12 per 1000 gallons of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 1.1 to 6.6 fluid ounces of BIO-12 per 1000 gallons of water should be employed every 1 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and the severity of the microbiological problem. Slug additions should be made in the sump of water cooling towers.

#### ACTIVE INGREDIENTS:

Disodium cyanodithioimidocarbonate .....	<u>7.35</u> %
Potassium N-methylthiocarbamate .....	<u>10.15</u> %
INERT INGREDIENTS .....	<u>82.50</u> %
TOTAL .....	<u>100.00</u> %

This product contains 1.62 lb. of active ingredients per gallon and weighs 9.25 lb. per gallon.

### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

**PESTICIDE DISPOSAL:** Pesticide, spray mixture, or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides, or buried in a safe place away from water supplies.

#### CONTAINER DISPOSAL:

- ( ) METAL: Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in an approved landfill or bury in a safe place. Containers over 30 gallons should be resealed before offering for reconditioning.
- ( ) PLASTIC: Containers under 30 gallons must not be reused but should be triple rinsed and disposed of in an incinerator or landfill approved for pesticide containers or buried in a safe place. Containers over 30 gallons are to be resealed and offered for reconditioning or triple rinsed (or equivalent) and offered for recycling, reconditioning, or disposal in an approved landfill or buried in a safe place.

**GENERAL:** Consult Federal, State, or Local disposal authorities for approved alternative procedures.

### KEEP OUT OF REACH OF CHILDREN

## WARNING

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

**STATEMENT OF PRACTICAL TREATMENT:** In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse. If swallowed, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance contact your Regional Office of the EPA.

Manufactured by:

Mitro-Clen, Inc.

P. O. Box 136

Cleveland, OK 74020

EPA REG. NO. \_\_\_\_\_

EPA EST. NO. \_\_\_\_\_

NET CONTENTS \_\_\_\_\_

U.S. ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (WH-567)  
WASHINGTON, D.C. 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

11 MAR 1983

TERM OF ISSUANCE

NOTICE OF PESTICIDE:  REGISTRATION  
 REREГИSTRATION

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

NAME OF PESTICIDE PRODUCT

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

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 hereby registered in accordance with FIFRA Sec. 301(a) provided that you:

1. obtain and/or file all labels and/or other information required of your product under FIFRA Sec. 301(b) when the Agency requires all such information for any product to which this Act applies.

2. use the labeling on the label listed below on the product to which this Act applies.

a. Attach the label to the product container.

b. Include on the label the registration number on the label where it is required. You should send the label to the Office located in Dallas, Texas for the registration of the product. If the registration number is required for your product, you should:

a. Submit five copies of the label to the Office of Pesticide Registration, Room 3000, 700 North First Street, Arlington, Texas 76010 for the registration of the product.

*[Handwritten signature]*

ATTACHMENT IS APPLICABLE

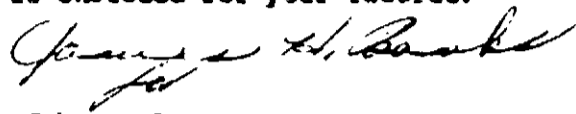
SIGNATURE OF APPROVING OFFICIAL

DATE

49:1-2

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.

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



John H. Lee  
Product Manager (31)  
Disinfectants Branch  
Registration Division (TS-767)

Enclosure