MATTER STATE OF THE STATE OF TH

ACCEPTED
with COMMENTS
in EPA Letter Dated:

BIO-TROL D-10

SEP 2 1 1983

Under the Federa Incerteide, Functional and Bedeate de Aci

ACTIVE INGREDIENT:

Potassium dimethyldithiocarbamate

INERT INGREDIENTS

This product contains 0.87 b. of active ingredient per gallon and weights 8.68 b. per gallon.

## KEEP OUT OF REACH OF CHILDREN VVAI MING

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING Causes eye damage and sain mitation. Harmful if swallowed. Do not get in eyes, on skin, or on crothing. Avoid contamination of food. Wear goggles or face shield and rubber gloves when handling. Wash throroughly after handling.

STATEMERT OF PRACTICAL TREATMENT: In case of the contact, with with plenty of soap and water. Remove contain nated clothing and wash before reuse. If product gets in the eyes, flush immediately with copious amounts of close, cool water for at least 15 minutes. Get medical attention immediately, if product is awafowed, call a physician minic 1 stelly. If patient is conscious, induce comiting by stroking or tacking the patient's throat are far back on patient's tangue. Emetics such as 2 responsibilitionally of special syrup or 1 testipoonful (5 mg) of dry mistard in warm water to form a pictie or even scap in warm water can be used. Reseat until conditional fluid is clear. Then have patient from a pictie or even scap in warm water can be used. Reseat until conditional grain fluid in clear than have patient from pictie or even scap in warm water can be used water, or other noncy democrat. Refer induce schoting or give anything by inwith to an unconscious person. Note to physical. Problem maccoil damage may contrangual passing levage.

ENVIPORATE TALL HAZAROS. This pesticide is toxic to fish. Do not apply in marine and/or estuarine of fields. Do not discharge traction afflicent into lakes, streams, porcie, or public waters and is a accordance with a NPDES permit. For publicia, contact your Regional Office of the Environmental Protection Agency.

	Manulactured by:
	Imperial Industries, Inc. 460 North Beck St.
	Baton Rouge, LA 70806
EPAREGINO	EPA EGT. NO.

NET CONTENTS

## DIRECTIONS FOR USE GENERAL CLASSIFICATION

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

BIO-TROL D-10 is used in industrial and/or commercial recirculating cooling tower systems and industrial air-washing systems to control microbiological stime. Prior to the use of BIO-TROL D-10 in industrial and/or commercial recirculating cooling tower systems, systems should be cleaned to remove algal growth, microbiological stime, and other deposits. Then make an initial slug addition of 12.0 to 17.9 ft. oz. of BIO-TROL D-10 per 1000 gal. of water to provide of water in the system. Repeat initial dosage until control is evident. Make subsequent slug addition of 6.0 to 17.9 ft. oz. of BIO-TROL D-10 per 1000 gal. of water in the system. Repeat initial dosage until control is evident. Make subsequent slug addition of 6.0 to 17.9 ft. oz. of BIO-TROL D-10 per 1000 gal. of water (50 to 150 ppm BIO-TROL D-10 levery 2 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 recirculating cooling tower systems.

BIO-TROL D-10 is used in industrial air-washing systems which maintain effective mist-niminating components. Prior to its use systems eshould be

maintain effective mist-eliminating components. Prior to its use, systems should be cleaned to remove bacterial slime and other deposits. An initial slug dose of 28.1 to 35.9 fl. oz. of BIO-TROL D-10 per 1000 gal. of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 21.0 to 35.9 fl. oz. of BIO-TROL D-10 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 severity of the bacterial problem. Slug additions may be made to the sump or the water collection trays of the airwash system.

BIO-TROL D-10 is used to control both serobic and anaerobic bacteria, including sulfate-reducing organisms, in petroleum secondary-recovery waterflooding operations. In systems fouled with microbiological deposits, BIO-TROL

B-10 should be added as a slug dose to provide a concentration of 40 to 80 ppm (5.0 to 10.0 ft oz. of BIO TROL B-10 per 1000 gal, of water treated). This should be followed by a continuous addition of B10-TROL D-10 employing a chemical metering pump to maintain a concentration of 40 ppm, based on total weight of water treated. Both slug additions and continuous addition of B10-TROL D-10 should be made at the heater-treater dump, gathering lines, or receiving tanks. Addition should always be made upstream to the filter.

BIQ-TROL D-10 is lalso used to inhibit the growth of fungi and bacteria in water-based drilling muds, completion fluids, packer fluids, and other water-based drilling fluids containing starch, gums, sugars, or other organic materials. For these purposes BIQ-TROL D-10 is added at rates of 3.6 to 18.0 gat, per 100 barrels of third ( 0.09 to 0.43% by volume).

## STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disgosal. Open dumping is prohibered PESTICIDE (NSPOSAL. Pesticide spray miniture or insule that cannot be used or chemically reprocessed should be disposed of in a shall approved for pasticides, or buried in a safe place away from water supplies.

CONTAINER DISPOSAL:

CONTINUES OF BUILDING OF EQUIVALENTS and offer for recycling, reconstroning, or disposal in an approved lended or four in a sufa place. Containers over 30 gazzons should be reseated before offering for reconditioning.

(1) PLASTIC. Containing under 30 gallons must not be reused but should be triple resed and disposed oil in an in character or furnities or furnities as feliples. Containing own 20 gallons are to be research and offered for reconditioning or triple reised for equivalent) and offered for recycling, reconditioning, or disposal in an approved familia or buried in a safe place.

GENERAL Consult Emferal. State on Exical disposal authorities for approved alternative procedures

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (8H-567) TERM OF ISSUANCE WASHINGTON, D.C. 20463 NAME OF PESTICIDE PRODUCT NOTICE OF PESTICIDE: REGISTRATION REREGISTRATION 310-711-1 D-11 (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, NAME AND ADDRESS OF REGISTRANT (Include ZIP code) រក់ព្រះស្ត្រី ស្រាមមក្រស់ស្គ្រ ស្តេចស City tailth book freent - թեզի հրագ**ը, 14** - 70-65 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 posticide 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 a new family commissed in advardance with Plant sec. 3(c)(7)(A) provided that your 1. Salan under alle all mare repaired for reproduction/reregistration & of your propert under PIPOS was the 100 to the seemey requires all magerials of any terminations to be applied that 2. At the prime "110 feet of eat mine, with the re no well lated before you recome the property to the confidence. afficients from the control of gift first promote thing in the term of the control of the contro reservative at equal, which in merestage भारतिक राम्पान क्षेत्र के स्थान के स्वार्थित कार्य के त्रार्थित के त्रार्थित के स्वार्थित के स् ATTACHMENT IS APPLICABLE SIGNATURE OF APPROVING UFFICIAL

 $\mathcal{L}_{\mathcal{J}_{*}}$ 

PREVIOUS FOITION MAY BE USED UNTIL SUPPLY IS EXHAUSTED.

EPA Form 8570-6 (Rev. 5-76)