

**DIRECTIONS FOR USE  
GENERAL CLASSIFICATION**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.  
This product is used in industrial and/or commercial recirculating cooling tower systems and industrial air-washing systems to control microbiological slime. Prior to the use of this product in industrial and/or commercial recirculating cooling tower systems, systems should be cleaned to remove algal growth, microbiological slime, and other deposits. They make an initial slug addition of 12.0 to 17.9 fl. oz. of this product per 1000 gallons of water to provide 100 to 150 ppm of this product based on total weight of water in the system. Repeat initial dosage until control is evident. Make subsequent slug addition of 6.0 to 17.9 fl. oz. of this product per 1000 gallons of water (60 to 150 ppm this product) every 2 to 5 days or as needed. The frequency of addition depends upon the relative amount of biofouling and severity of the microbiological problem. Slug additions should be made in the sump of recirculating cooling tower systems.

This product is used in industrial air-washing systems which maintain effective mist-eliminating components. Prior to its use, systems should be cleaned to remove bacterial slime and other deposits. Initial slug dose of 28.1 to 35.9 fl. oz. of this product per 1000 gallons of water is recommended. Repeat initial dosage until control is evident. Subsequent slug additions of 21.0 to 35.9 fl. oz. of this product 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 biofouling and severity of the bacterial problem. Slug additions may be made to the sump or the water collection trays of the air-wash system.

**Notice of Warranty:** The manufacturer makes no warranties expressed or implied concerning the use of this product other than those indicated on the label. Purchaser assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

EPA Reg. No. 2155 - 94 -  
EST. No. 2155 - GA. -1

4966  
030582

BEST DOCUMENT AVAILABLE

ACCEPTED  
WITH COMMENTS  
EPA Letter Dated:

DEC 13 1982

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
2155-94

# MICROBIOCIDES LD-10

FOR USE WITH RECIRCULATING WATER IN  
COOLING TOWER SYSTEMS

**ACTIVE INGREDIENTS:**

Potassium dimethyldithiocarbamate . . . . . 10.0%

**INERT INGREDIENTS** . . . . . 90.0%

This product contains 0.87 lb. of active ingredient per gallon and weighs 8.68 lb. per gallon.

**FIRST!!! READ ENTIRE LABEL. OBSERVE ALL WARNINGS AND FOLLOW DIRECTIONS CAREFULLY. USE IN CONFORMANCE WITH FEDERAL AND STATE REGULATIONS.**

**KEEP OUT OF REACH OF CHILDREN.**

**WARNING:**

Harmful or Fatal if Swallowed.  
See Right Side Panel for Precautionary Statements.

FOR COMMERCIAL AND INDUSTRIAL USE ONLY, OR FOR  
SALE TO USE AND STORAGE BY SERVICE PERSONS.

P. O. BOX 93188  
MARTIN STATION  
ATLANTA, GEORGIA 30318

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

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

**STATEMENT OF PRACTICAL TREATMENT:**

**WARNING:**

**IF SWALLOWED** — Call a Physician or Poison Control Center immediately. If patient is conscious, induce vomiting by stroking or tickling the patient's throat or far back on patient's tongue.

Emetics such as 2 teaspoonsful (mL) of ipecac syrup or 1 teaspoonful (mL) of dry mustard in warm water to form a paste or even soap in warm water can be used. Repeat until vomit fluid is clear. Then have patient drink plenty of milk, gelatin solution, beaten egg whites, flour and water, or other nonoily demulcent. **Never induce vomiting or give anything to an unconscious person.**

**Note to Physician:** Probable mucosal damage may contraindicate gastric lavage.

**IF INHALED** — Remove victim to fresh air. Apply respiration if indicated.

**IF ON SKIN** — Remove contaminated clothing and wash affected areas with soap and water.

**IF IN EYES** — Flush eyes with plenty of water. Call physician immediately.

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

Do not allow water that contains this pesticide to come in contact with grass or plants. Do not use in drinking water or in swimming pools.

**STORAGE AND DISPOSAL**

1. **Prohibition** — DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE, DISPOSAL OR CLEANING OF EQUIPMENT. OPEN DUMPING PROHIBITED.

2. **Pesticide Disposal** — Pesticide, spray mixture or rinsate that can not be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

3. **Container Disposal** — a) Reseal drum and offer for reconditioning or b) Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in sanitary landfill or by other approved State and local procedures.

CONTROL  
NUMBER

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CONTENTS  
GALLONS

13 DEC 1982

I. Schneid Company  
1419 Fairmont Avenue  
Atlanta, GA 30381

Attention: Ms. Dee Vickery

Gentlemen:

Subject: Microbiocide LD-10  
EPA Registration No. 2155-94  
Your Submission Dated November 8, 1982

The amendment referred to above, submitted in connection with registration under FIFRA is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- a. Our current policy is to review only warranty/disclaimer/liability statements which appear to negate and/or detract from the labeling statements such as use directions as they appear on pesticide labels and/or bulletins.

It is the responsibility of the registrant to ensure that their warranty/disclaimer statement conforms to the recommendations outlined in the enclosed memorandum dated July 31, 1978. However, it should be noted that future revisions may be required based on interpretations of warranty/disclaimer statements as declared on your label by our General Counsel for Program Support, Office of General Counsel. In lieu of future revisions, we prefer you delete the warranty/disclaimer statements from your label.

- b. We note that your printer did not include the quantities in the third paragraph, right panel sentence.

Examples such as two teaspoonsful - ml) of ipecac syrup or one teaspoonful (\_\_\_ml) of dry mustard.... From the previously accepted label it appears that this would be (10 ml) and (5 ml) respectively.

2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

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

This will acknowledge acceptance of your proposal to exclude this product from storage in or around the house by the following statements:

For Sale To, Use and Storage by Service Persons


This statement must be printed on the label, or temporarily applied as a sticker on the label or on the container for all sizes in which this product will be marketed.

By voluntarily restricting this product to use by service persons only, it will not require child-resistant packaging.

The registration record for the product named above has been amended to include the additional product name listed below. It is understood that the label will be identical with that of the basic label accepted under this registration except for the product name.

- a. "Guardian - 10."

Sincerely yours,



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

Enclosures

DIS:LEE:DCR-03543:WANG-1415C:CBP:Raven:479-2013:12/01/82