

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

59717-4

DATE OF ISSUANCE

DEC 2 1988

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

DL 2050

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Drake Laboratories, Inc.
1013 Bobolink Lane
Casselberry, FL 32707

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 conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 59717-4" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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)
Antimicrobial Program Branch
Registration Division (TS-767C)

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

DL 2050

NOT REVIEWED
 In accordance with FR Notice 82-2-
 Based on Draft Labeling Fated

INDUSTRIAL MICROBICIDE

ACTIVE INGREDIENTS:

Methylene bis(thiocyanate)	2.5%
2-(Thiocyanomethylthio)benzothiazole	2.5%
INERT INGREDIENTS	95.0%

This product weighs 7.99 pounds per gallon.

**KEEP OUT OF REACH OF CHILDREN
 DANGER**

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive, causes irreversible eye damage and causes skin damage. Harmful or fatal if swallowed or absorbed through the skin. This product is a potential skin sensitizer. Workmen handling this product or treated material should wear impervious gloves, goggles or face shield, and protective clothing. All protective clothing, work shoes or boots, and equipment must be left at the work site at the end of the day. Eating, drinking, or smoking during use of this product is prohibited.

FIRST AID: In case of skin contact, wash promptly and thoroughly with soap and water and finally with glycerin. If product gets in the eyes, flush immediately with copious amounts of clean, cool water for 15 to 30 minutes. Get medical attention immediately. If product is 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 apply directly to water or wetlands. Permits may be required for discharges containing this pesticide into lakes, streams, ponds, or public water. For guidance, contact the regional office of Environmental Protection Agency.

PHYSICAL AND CHEMICAL HAZARDS: Do not expose to extreme temperatures.

STORAGE & DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Do not expose to extreme temperatures. Do not stack more than five drums high. Drums should be opened in well-ventilated areas. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at your EPA Regional Office for guidance.

CONTAINER DISPOSAL: Empty (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

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

COOLING TOWERS: DL 2050 is used to protect cooling towers from surface rot and internal or dry rot. It is applied by spraying and maintaining 2.0 to 2.8% DL 2050 in water onto the clean water surface. It should provide 2.4 to 3.2 lb DL 2050 per 1000 ft² of surface. Rot can also be inhibited by periodic shock doses of DL 2050 in water at the lower basin or cold well. The dosage should be 1000 gal of water and the bleedoff should be stopped when the shock treatment should be repeated every four months.

COOLING WATER: DL 2050 is used to control algae in recirculating cooling water systems. Before treatment, the system should be cleaned thoroughly to remove old algal growth, microorganisms. The system should then be drained, flushed, refilled, and treated with a dose of 2.4 to 14.8 fl oz DL 2050 per 1000 gal water. Additional applications of 0.8 to 4.8 fl oz per 1000 gal should be made as needed. Amount of bleedoff and severity of microbiological growth should be considered.

DRILLING FLUIDS: To inhibit bacterial and fungal growth in drilling fluids used in the drilling of wells, DL 2050 is incorporated into the fluid at a concentration of 0.2 to 1.0% based on the total wet weight of the fluid.

PETROLEUM SECONDARY RECOVERY: DL 2050 is used to control bacteria, slime-forming bacteria and fungi in oil-field water-disposal systems, and other oil-field water systems. It is applied at a rate of 1 fl oz of DL 2050 per 1000 gal of water treated. Additional applications may be made or intermittently by means of a metering pump at the injection pumps and injection well headers. Control is noticeably fouled, add 15.6 to 52.0 fl oz DL 2050 per 1000 gal of water continuously, or as needed to maintain control.

Slug Method: When system is noticeably fouled, or when control is noticeably fouled, add 15.6 to 52.0 fl oz DL 2050 per 1000 gal of water for 4 to 8 hr per 1000 gal of water for 4 to 8 hr per 1000 gal of water or as needed to maintain control.

CRUDE AND REFINED OILS: DL 2050 is an oil-soluble microbicide that controls bacteria and fungi that cause the degradation of crude oil in storage. It should be added to the oil as it is being pumped into the storage tank at the rate of 2.4 to 24.0 fl oz per 1000 gal of oil. Application should be made batchwise where mixing occurs at the transfer pump.

Manufactured by
 Drake Laboratories,
 1613 Bobolink Lane
 Casselberry, FL 32924

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