

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	5185-373	8/8/85
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		
NAME OF PESTICIDE PRODUCT		
BIO-DINE LP II		

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Bio-Lab, Inc.
 P.O. Box 1489
 Decatur, GA. 30031

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.

If you are a registrant of a pesticide which is registered with the same active ingredient as the pesticide above, you are requested to advise the Administrator of your product under this Act to 3(C)(5) when the same requirements and constraints of similar products to submit such data.

2. Advise the Administrator of the registration of 5185-373 to your label.

3. Advise you remain the product for a period of 180 days.

4. Submit five (5) copies of your final printed label to the Administrator for all the product for shipment.

5. Submit a further description of the printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with this section (3) of your registration for shipment of the product.

6. Submit a copy of the label to the Administrator for review.

[Handwritten Signature]
 Director
 Registration Division
 U.S. Environmental Protection Agency
 Washington, D.C. 20460

ATTACHMENT IS APPLICABLE

BEST AVAILABLE COPY

SIGNATURE OF APPROVING OFFICIAL _____ DATE _____

BIO-DINE LF-II

**GERMICIDAL
DETERGENT
SANITIZER**

FOR INDUSTRIAL USE ONLY

A low-foam sanitizer for food,
meat and beverage industries

***ACTIVE INGREDIENTS:**

Polyethoxypolypropoxypolyethoxyethanol-iodine complex ..	25%
INERT INGREDIENTS	75%
	<u>100%</u>

*Provides 3.5% titratable iodine (w/w) or 4.2% titratable iodine (w/v).

Specific Gravity 1.2

Authorized by USDA for use in Federally Inspected Meat and Poultry Plants

**KEEP OUT OF REACH OF CHILDREN
DANGER**

PRACTICAL TREATMENT: Flush skin or eyes with water for 15 minutes. For eyes, contact physician. Remove and wash contaminated clothing. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or, if these are not available, water. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

Manufactured by:

Bio-Lab, Inc.
Decatur, Ga. 30031

EPA Reg. No. 5185
EPA Est. No. 5185-GA-1

Net Contents: 500 lbs.

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

AUG 8 1985

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

5185-373

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

DANGER

Corrosive. Causes eye damage and skin irritation. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Avoid contamination of food and foodstuffs. Avoid breathing spray mist. Remove contaminated clothing and wash before reuse.

DIRECTIONS

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

USE SOLUTION PREPARATION

Determine the total number of gallons required for your application. Divide the number of gallons required by the following factor to determine the ounces of sanitizer to be added to achieve the proper ppm of iodine:

- For 50 ppm -- divide by 6.5
- For 25 ppm -- divide by 13
- For 12½ ppm -- divide by 26

Example: To prepare 104 gallons of a 25 ppm iodine solution. Divide 104 by 13: $104 \div 13 = 8$ ounces of product should be added to 104 gallons water for a 25 ppm solution.

Always prepare fresh sanitizing solutions and use them the same day prepared. All sanitizing solutions should contact surfaces at least two minutes prior to rinsing. When circulating sanitizing solutions through CIP systems, allow at least 5 minutes contact.

No potable water rinse is required for sanitizing solutions containing 25 ppm titratable or less if treated surfaces are thoroughly drained. Titratable iodine solutions above 25 ppm require rinsing.

**FOOD AND BEVERAGE SANITIZATION
PROCEDURES**

Soft Drink Plants: Thoroughly rinse bottling and pre-mix dispensers with water. Drain thoroughly and fill equipment with 25 ppm solution (refer to use solution chart). Just before resuming operation, flush the 25 ppm solution from equipment with potable water. When changing over between soft drink flavors, rinse system well with water, flush with 25 ppm solution and rinse with potable water.

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Sanitizing bottles and cans: Proportion into the final rinse of the container washer or rinses in concentration of 12.5 ppm titratable iodine

Sanitizing Storage Tanks: After cleaning use a 25 ppm solution for sanitizing beer fermentation and holding tanks. Use solution can be applied by spraying or can be used in conjunction with automated clean-in-place systems. No water rinse is required after sanitizing.

Equipment in Poultry, Meat, Rabbit, Egg Processing Plants, Frozen and Fresh Pack Processing Plants: To clean equipment, scrub surfaces with a mop, brush, sponge, or cloth using 50 ppm solution or use another suitable detergent for cleaning. Rinse with potable water. For sanitizing previously cleaned surfaces, apply 25 ppm solution by spraying, flushing, or with a clean sponge. Thoroughly wet surface and allow to thoroughly drain. No final water rinse is required.

Milk, Citrus and Ice Cream Processing Plants: Apply routinely as a sanitizing spray (12½ ppm to 25 ppm titratable iodine) on walls, conveyors, equipment and floors to reduce or eliminate odors in the processing area. Use on filling equipment to reduce or eliminate bacteria associated with condensation on equipment and pipes. Regular use as a sanitizer at 25 ppm helps prevent milk stone formation on equipment.

STORAGE: Store only in tightly closed, original container in a cool, secure area. Do not contaminate water, food, or feed by storage or disposal.

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 the nearest EPA Regional Office for guidance.

Triple rinse empty containers, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic containers may be incinerated or if allowed by state and local authorities, burned. If burned, stay out of smoke.