

pm32

6836-195

143

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

BEST AVAILABLE COPY

Attention: Marcia Powell

Gentlemen:

Subject: Bio-Dine LF II
EPA Registration No. 5185-373
Bio-Sorf I-12
EPA Registration No. 5185-372
Your Submission Dated March 23, 1988
EPA Received Date March 29, 1988

This is in response to the above subject matter. The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted.

1. Revise the ingredients statement for EPA Registration No. 5185-372 to read as follows:

Active Ingredients:
 Iodine* 92.14%
 Inert Ingredients: 7.86%
 Total Ingredients: 100.00%

*From Nonylphenoxypolyethylene oxyethanol

Corrections for EPA Registration No. 5185-373 are as follows:

Active Ingredients:
 Iodine* 25%
 Inert Ingredients: 75%
 Total Ingredients 100%

*From Nonylphenoxypolyethylene oxyethanol

57048:I:Kempter:K-1:KENCO:5/4/89:5/12/89:KA:VO:EK:AS

CONCURRENCES

SYMBOL	H-5046						
SURNAME	V. Duda						
DATE	5-12-89						

- 2. Place the phrase "Keep Out of Reach of Children" above the signal word "Danger."
- 3. Under Precautionary Statements, delete the phrase "Keep Out of Reach of Children" and place the signal word "Danger" before the word "Corrosive."
- 4. Change the phrase "Directions" to "Directions For Use."
- 5. Revise the Statement of Practical Treatment to read as follows:

STATEMENT OF PRATICAL TREATMENT

If Swallowed: Drink promptly a large quantity of water. Do not induce vomiting. Avoid alcohol. Get medical attention.

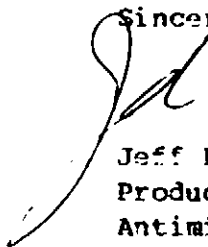
If In Eyes: Flush with plenty of water for 15 minutes. Get medical attention.

If On Skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

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

Should you have any further questions, please contact Veronica Dutch (703) 557-6939.

Sincerely yours,



Jeff Kempter
Product Manager (32)
Antimicrobial Program Branch
Registration Division (H7505C)

BEST AVAILABLE COPY

3 of 3

DIRECTIONS FOR USE

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 ÷ 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.

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

BIO-DINE LF-II™ GERMICIDAL DETERGENT SANITIZER

*A Low-Foaming Sanitizer For Food
Meat and Beverage Industries.*

***ACTIVE INGREDIENTS:**

<i>Iodine *</i>	25%
<i>INERT INGREDIENTS:</i>	75%
<i>* From Sodium Alkylphenoxypoly(ethoxyethanol)</i>	100%
TOTAL INGREDIENTS:	

*Provides 3.5% titratable iodine (w/w) or 4.2% titratable iodine (w/v).
Specific Gravity 1.2

**KEEP OUT OF REACH OF CHILDREN
DANGER**

(See additional precautions and First Aid on side panel.)

FOR INDUSTRIAL USE ONLY

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

Manufactured by:
Bio-Lab, Inc.
Decatur, Georgia 30031 USA

EPA Reg. No. 5185-373

EPA Est. No. 5185-GA-1

NET CONTENTS:

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 12 1980

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

BEST AVAILABLE COPY

product dosage is 25 lb/gal

6526-195

sanitizing pro
tion by spr
Thoroughly
final water r
MILK, CTR
Apply routi
titratable iod
to reduce or
filling equip
with contain
a sanitizer at
equipment.

STORAGE
a cool, secure
storage or dis

DISPOSAL
proper dispos
a violation of
of by use acc
Pesticide or E
waste repres
guidance.

Triple rinse en
drinking, or p
other procedu
containers m
authorities b
PRACTICAL
minutes. For
taminated clo
ty of milk, egg
water. Call a p

NOTE TO PH
traindicatio
respiratory d

DANGER
ritation. Harm
clothing. Wea
handling. Wea
Avoid contain
mist. Remove

*Please
read
carefully
article*