

**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.

ENVIRONMENTAL HAZARDS. This product is toxic to fish. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance contact the regional office of EPA.

PHYSICAL AND CHEMICAL HAZARDS. Do not use, pour, spill or store near heat or open flame.

DIRECTIONS

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

USE SOLUTION CHART*

Titrateable Iodine	Bio-Dine LF	Water
50 ppm solution	1 oz	6 1/2 gals
25 ppm solution	1 oz	13 gals
12 1/2 ppm solution	1 oz	26 gals
10 ppm solution	1 oz	32 gals
8 ppm solution	1 oz	40 gals

*Refer to use solution chart when preparing dilutions recommended in the following directions.

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 sanitizer solutions through CIP systems, allow at least 5 minutes contact.

No potable water rinse is required for sanitizing solutions containing 25 ppm titrateable or less if treated surfaces are thoroughly drained. Titrateable 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 re-

ACCEPTED
5185-325
AUG 20 1981
Under the Federal Insecticide, Fungicide, or Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No.

**BIO-DINE LF
GERMICIDAL
DETERGENT
SANITIZER
FOR INDUSTRIAL USE
ONLY**

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

***ACTIVE INGREDIENTS**

Polyethoxypolypropoxypolyethoxyethanol-iodine complex 25%
Phosphoric Acid 25%
INERT INGREDIENTS 50%
100%

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

**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.
Cacul, Georgia 30131

EPA Reg. No. 5185-325
EPA Est. No. 5185-GA-1

Net Contents: 500 lbs.

suming 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 Bio-Dine LF into the final rinse of the container washer or rinses in concentrations of 8-12 ppm titrateable iodine (see solution chart).

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. 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. Applied routinely as a sanitizing spray (12 1/2 ppm to 25 ppm titrateable iodine) on walls, conveyors, equipment and floors. Bio-Dine LF will 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 AND DISPOSAL

- Prohibitions.** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.
- Pesticide Disposal.** Pesticide, spray mixture, or rinsate that cannot be used or chemically processed, should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.
- Container Disposal.**
 - Reseal container and offer for reconditioning or
 - Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill or bury in a safe place.
- General.** Consult Federal, State or local disposal authorities for approved alternative procedures.