

# WHITMOYER

# IOFEC-14

## A general purpose iodine disinfectant and detergent-sanitizer

### ACTIVE INGREDIENTS

a-(p-nonylphenyl)-omega-hydroxypoly (oxyethylene)-iodine complex . . . . . 14.0%  
 (Provides 1.75% titratable iodine\*)  
 Phosphoric acid . . . . . 2.0%

INERT INGREDIENTS . . . . . 84.0%

\*Available iodine by Sodium Thiosulfate titration method.

USDA Reg. No. 984-30

U.S. Patent No. 2,931,777

**CAUTION:** Keep out of reach of children.

See other caution statements on side panel.

Manufactured by

**WHITMOYER**  
 LABORATORIES, INC.  
 MERIDEN, CONNECTICUT 06450  
 A DIVISION OF THE ROHM AND HAAS COMPANY



### DIRECTIONS FOR USE

IOFEC-14 contains biodegradable detergents, surfactant-iodine complex (Iodophor) and phosphoric acid. IOFEC-14, when used as a sanitizer,

For use through proportioners, prepare a stock solution of 1 part IOFEC-14 to 10 parts of water or 8 ounces IOFEC-14 to each 2½ quarts of water. Set proportioner to deliver 1 ounce per gallon of water. Flush proportioner with clean water after use. Discontinue use when treating flocks with other water medicants.

**For sanitizing hatching eggs**— Dip clean hatching eggs in a solution prepared by adding 4 ounces of IOFEC-14 to each 10 gallons of clean water (50 ppm titratable iodine). Immerse eggs for at least 2 minutes, drain and air dry.

A recommended procedure in the hatchery is to place the eggs in the incubator, fumigate if desired, and then warm the eggs to 95° to 100° F. Dip the warm eggs in the cooler IOFEC-14 solution, not exceeding 60° F.

### DAIRY USE

**For cleaning and disinfection of milk houses and milking parlors**— Spray walls, floors, and ceilings with water containing 4 ounces of IOFEC-14 in 5 gallons.

**For milking utensils and equipment**— For cleaning, flush utensils and equipment with cool or lukewarm water. Do not use hot water. Take milking machine apart and place all parts (except pulsator) in lukewarm water containing 1 ounce of IOFEC-14 in 5 gallons. Brush thoroughly. Wash pails and other equipment in the same solution. Soak for at least 2 minutes. Drain and air dry.

For sanitizing, flush all equipment with a solution of 1 ounce of IOFEC-14 in 10 gallons of cool or lukewarm water before each milking. Sanitize for at least 2 minutes. Drain thoroughly.

**For bulk milk tanks**— For cleaning, flush out all milk with water hose. Brush tank with lukewarm water containing 1 ounce of IOFEC-14 in 5 gallons. Drain and air dry.

For sanitizing, spray tank with water containing 1 ounce of IOFEC-14 in 10 gallons. Rinse and drain thoroughly.

**For flank and udder wash**— Wet towel in water containing 1 ounce of IOFEC-14 in 10 gallons. Use a clean towel for each cow. After milking, dip each teat in dip cup containing solution of 1 ounce of IOFEC-14 in 5 gallons of water.

### FOOD PROCESSING EQUIPMENT

**For cleaning and disinfection of food processing equipment and utensils**— Scrape and preflush equipment to remove foreign material. Wash with water containing 1 ounce of IOFEC-14 in 5 gallons. Allow contact for at least 2 minutes. Sanitize in a solution containing 1 ounce of IOFEC-14 in 10 gallons of water. Drain and air dry.

### AUTHORIZED FOR USE IN OFFICIAL MEAT AND POULTRY PROCESSING ESTABLISHMENTS

IOFEC-14 is authorized for use under USDA Consumer and Marketing Service poultry, meat, rabbit and egg products inspection programs. Food processing equipment and premises in official poultry establishments which have previously been cleaned, may be sanitized with one ounce of IOFEC-14 in 5 gallons of water, without the requirement of a final potable water rinse following such use on adequately drained surfaces. In other

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Phosphoric acid . . . . . 2.0%

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## DIRECTIONS FOR USE

IOFEC-14 contains biodegradable detergents, surfactant-iodine complex (Iodophor), and phosphoric acid. IOFEC-14, when used as a sanitizing rinse providing no more than 25 ppm of titratable (available) iodine, does not require rinsing from well-drained surfaces of food processing equipment and utensils. This use is permitted under Food Additive Regulation 121.2547.

### POULTRY AND GENERAL USE

**For cleaning and disinfection of porous surfaces of hatcheries, poultry buildings, farrowing pens, hog pens, calf stalls, dog kennels, and processing plants—** Remove loose soil, dust, and debris. Spray walls, floors, and ceilings with water containing 4 ounces of IOFEC-14 in 5 gallons (100 ppm titratable iodine).

**For cleaning and disinfection of non-porous surfaces of feeders, waterers, tools, crates, and other livestock equipment—** Remove loose soil, dust and debris. Scrub with water containing 2 ounces of IOFEC-14 in 5 gallons (50 ppm titratable iodine). Rinse with clean water. Spray or soak with water containing 1 ounce of IOFEC-14 in 5 gallons (25 ppm titratable iodine). Allow contact for at least two minutes.

**For sanitizing poultry drinking water—** Use 1 ounce IOFEC-14 in 10 gallons of drinking water (12½ ppm titratable iodine). The drinking water must have an amber color and should be replaced when the color fades.

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**For sanitizing,** flush all equipment with a solution of 1 ounce of IOFEC-14 in 10 gallons of cool or lukewarm water before each milking. Sanitize for at least 2 minutes. Drain thoroughly.

**For bulk milk tanks—** For cleaning, flush out all milk with water hose. Brush tank with lukewarm water containing 1 ounce of IOFEC-14 in 5 gallons. Drain and air dry.

**For sanitizing,** spray tank with water containing 1 ounce of IOFEC-14 in 10 gallons. Rinse and drain thoroughly.

**For flank and udder wash—** Wet towel in water containing 1 ounce of IOFEC-14 in 10 gallons. Use a clean towel for each cow. After milking, dip each teat in dip cup containing solution of 1 ounce of IOFEC-14 in 5 gallons of water.

### FOOD PROCESSING EQUIPMENT

**For cleaning and disinfection of food processing equipment and utensils—** Scrape and preflush equipment to remove foreign material. Wash with water containing 1 ounce of IOFEC-14 in 5 gallons. Allow contact for at least 2 minutes. Sanitize in a solution containing 1 ounce of IOFEC-14 in 10 gallons of water. Drain and air dry.

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**IMPORTANT—** Consult and follow regulations of your milk inspector and local health authority in your dairy sanitation program. Consult and follow state and federal regulations for use in the sanitation program of meat and food processing plants.

**NOTE—** A distinct yellow or amber color in the water solution for use containing IOFEC-14 indicates the presence of iodine available for disinfection. If color fades, prepare a fresh solution.

**CAUTION:** Use only as directed. Harmful if swallowed. Keep away from food and feedstuffs. Causes skin irritation. Avoid contact with skin and eyes. In case of contact, flush skin or eyes with plenty of water for 15 minutes. Get medical attention for eyes.

Do not use hot water to prepare solutions. Keep in a cool place. Keep containers stoppered. Do not use with soap or other cleaners.

LOT NO.

CODE NO. 2584

**NET CONTENTS 5 LIQUID GALLONS (U.S.)**

86817

Printed in U.S.A.

ACCEPTED

Jan 8 1969

UNDER THE  
FOOD AND  
DRUG ACT  
FOR  
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BEST DOCUMENT AVAILABLE

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For cleaning and disinfection of non-porous surfaces of feeders, waterers, tools, crates, and other livestock equipment— Remove loose soil, dust and debris. Scrub with water containing 2 ounces of IOFEC-14 in 5 gallons (50 ppm titratable iodine). Rinse with clean water. Spray or soak with water containing 1 ounce of IOFEC-14 in 5 gallons (25 ppm titratable iodine). Allow contact for at least two minutes.

For sanitizing poultry drinking water— Use 1 ounce IOFEC-14 in 10 gallons of drinking water (12½ ppm titratable iodine). The drinking water must have an amber color and should be replaced when the color fades.

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A recommended procedure in the hatchery is to place the eggs in the incubator, fumigate if desired, and then warm the eggs to 95° to 100° F. Dip the warm eggs in the cooler IOFEC-14 solution, not exceeding 60° F.

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#### FOOD PROCESSING EQUIPMENT

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