

CLEANING OPERATIONS FOR DAIRY:

1. Immediately after each milking, thoroughly flush all utensils and milking machines with cold or lukewarm water until ALL the milk is washed out. Do NOT use hot water.
2. Fill wash-tank with lukewarm water (90° F) to which is added one ounce of IO-SHEEN DISINFECTANT for each five gallons of water. (Provides 25 ppm titratable iodine.)
3. Take milking machines apart. Immerse parts, air hoses, inflations, and metal parts, EXCEPT PULSATOR, in IO-SHEEN DISINFECTANT solution before brushing. Wash pails and strainer in same solution.

SANITIZING RINSE OPERATIONS FOR DAIRY:

4. In the rinse-tank, add ½ ounce of IO-SHEEN DISINFECTANT for each five gallons of lukewarm water to sanitize pre-cleaned equipment. (Provides 12½ ppm titratable iodine.)
5. Immerse washed utensils and milking machine parts in the rinse-tank solution for at least 2 minutes.
6. Before each milking, assemble and flush machines with IO-SHEEN DISINFECTANT solution (¼ ounce of IO-SHEEN DISINFECTANT to a 10-quart pail of cold water). (Provides 12½ ppm titratable iodine.)
7. FOR UDDERS: Prepare fresh solution containing ½ ounce of IO-SHEEN DISINFECTANT to 10 quarts (2½ gallons of lukewarm water (90° F) in a clean pail. (Provides 25 ppm titratable iodine.)
After all mud and dirt have been removed from udder with fresh running water, take a clean paper towel for each cow; wet in IO-SHEEN DISINFECTANT solution; wipe lower bag and teats carefully so as to avoid dripping into inflation cups. Discard towel.

NEVER DIP USED TOWEL BACK INTO SANITIZING SOLUTION.

WHEN COLOR FADES, OR IF SOLUTION BECOMES VISIBLY DIRTY, DISCARD SOLUTION AND PROVIDE FRESH SOLUTION.

NOTE: Use freshly-made solution for each morning and night milking. Where Health Department requires dismantling twice daily, the same method should be followed at night as in the morning.

Follow State and local Health Department requirements covering cleaning and sanitizing.

This product is regulated by the U.S. Food and Drug Administration under the Food Additives Regulation for use on food-processing equipment and utensils, up to 25 ppm titratable iodine. ALL FOOD-CONTACT SURFACES AND EQUIPMENT TREATED WITH SOLUTIONS PROVIDING MORE THAN 25 ppm TITRATABLE IODINE MUST BE RINSED WITH POTABLE WATER BEFORE REUSE.

Follow Directions Carefully to Avoid Contamination of Milk.

CAUTION: Harmful if swallowed. Causes skin and eye irritation. Avoid contact with skin and eyes. In case of contact, flush skin or eyes with plenty of water for at least 15 minutes. For eyes, get medical attention. Avoid contamination of foods. Avoid breathing spray mist. Rinse empty container thoroughly with water and discard it.

LOT NO.

REV. 5/73

IO SHEEN DISINFECTANT

Detergent - Sanitizer for Veterinary, Dairy and Industrial Use

Active Ingredients:

Alpha-(p-Nonylphenyl)-omega-hydroxypoly (oxyethylene)—iodine complex	18.05%
(Provides 1.75% titratable iodine.)	
Phosphoric Acid	6.50%
Inert Ingredients	75.45%
Total	100.00%

CAUTION
KEEP OUT OF REACH OF CHILDREN
(See side panel for additional cautions.)

NET CONTENTS: 1—GALLON

CLEANING OPERATIONS

STAINLESS STEEL AND PLAIN

Remove all organic matter. IO-SHEEN DISINFECTANT solution, brushing, or mopping. Use 2 ounces per gallon (10-quart bucket) of solution. Allow to air-dry.

MASONRY, CONCRETE, AND

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CONCRETE RUNS, OUTSIDE BUILDING FLOORS AND

Remove all organic matter. IO-SHEEN DISINFECTANT solution, brushing, or mopping. Use 3 ounces per gallon (10 quart bucket) of solution. Allow to air-dry. Use daily to control odor-causing bacteria.

SURGICAL INSTRUMENTS

Remove all adhering blood and debris. Use solution containing 3 ounces per gallon of water. (Provides 25 ppm titratable iodine.) Soak in a similar solution for 15 minutes.

IMPORTANT: IO-SHEEN DISINFECTANT has strong oxidizing activity. The amber color of the active ingredient — iodine, is a sign that the solution becomes visibly dirty. DISCARD AND PROVIDE FRESH SOLUTION WHEN ADVERSELY AFFECTED BY DIRT.

The following dilution of IO-SHEEN DISINFECTANT is specified parts per million (ppm) of iodine.

OUNCES OF
IO-SHEEN DISINFECTANT
PER 2½ GALLONS OF WATER

¼ ounce
½ ounce
1 ounce
1½ ounces
2½ ounces
3 ounces

MANUFACTURED BY

EPA REGISTERED

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each five gallons of water.

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DAIRY:

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SANITIZING SOLUTION.

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CLEANING OPERATIONS FOR KENNELS:

STAINLESS STEEL AND PLASTIC CAGES:

Remove all organic matter and thoroughly clean all surfaces. Apply IO-SHEEN DISINFECTANT solution to clean surfaces by spraying, brushing, or mopping. Use one ounce of IO-SHEEN DISINFECTANT to 2½ gallons (10-quart bucket) of water. (Provides 50 ppm titratable iodine.) Allow to air-dry.

MASONRY, CONCRETE, AND PAINTED WOODEN CAGES:

Remove all organic matter and thoroughly clean all surfaces. Apply IO-SHEEN DISINFECTANT solution to clean surface by spraying, brushing, or mopping. Use 2 ounces of IO-SHEEN DISINFECTANT to 2½ gallons (10-quart bucket) of water. (Provides 100 ppm titratable iodine.) Allow to air-dry.

CONCRETE RUNS, OUTDOOR MASONRY, WIRE CAGES, BUILDING FLOORS AND WALLS:

Remove all organic matter and thoroughly clean all surfaces. Apply IO-SHEEN DISINFECTANT solution to clean surface by spraying, brushing, or mopping. Use 3 ounces of IO-SHEEN DISINFECTANT to 2½ gallons (10 quart bucket) of water. Provides 150 ppm titratable iodine.) Allow to air-dry.
Use daily to control odor-causing bacteria.

SURGICAL INSTRUMENTS:

Remove all adhering blood and serous exudates by cleaning with a solution containing 3 ounces of IO-SHEEN DISINFECTANT to five gallons of water. (Provides 75 ppm titratable iodine.) After cleaning, soak in a similar solution for at least fifteen minutes. Allow to air-dry.

IMPORTANT: IO-SHEEN DISINFECTANT is its own indicator of germicidal activity. The amber or yellow color shows the presence of the active ingredient — iodine. WHEN THE COLOR FADES, OR IF THE SOLUTION BECOMES VISIBLY DIRTY, DISCARD THE SOLUTION AND PROVIDE FRESH SOLUTION. IO-SHEEN DISINFECTANT IS NOT ADVERSELY AFFECTED BY WATER HARDNESS OR COLD WATER.

The following dilution of IO-SHEEN DISINFECTANT will give the specified parts per million (ppm) of titratable iodine:

OUNCES OF IO-SHEEN DISINFECTANT PER 2½ GALLONS OF WATER	PPM TITRATABLE IODINE
¼ ounce	12½
½ ounce	25
1 ounce	50
1½ ounces	75
2½ ounces	125
3 ounces	150

MANUFACTURED AND PRINTED IN USA

EPA REG. NO. 13831-1

CHLOROMELAMINE DISINFECTANT

B-T-F

REG. U. S. PATENT OFFICE

96.0%

ACTIVE INGREDIENTS

monosodium dihydrogen phosphate anhydrous,
trichloromelamine, sodium dodecyl benzene sulfonate,
citric acid anhydrous, ethylene diamine tetraacetic
acid tetrasodium salt.

INERT INGREDIENTS

4.0%

sodium hexametaphosphate, tetrasodium pyrophosphate,
sodium tripolyphosphate.

Total 100.0%

NET WEIGHT: 1 LB. 2 OZ.

USDA Reg. No. 5198-3

MANUFACTURED BY
NATIONAL CHEMICALS, INC.
WINONA, MINNESOTA

WARNING KEEP OUT OF REACH OF CHILDREN
SEE OTHER WARNINGS ON SIDE LABEL

DIRECTIONS FOR MAKING B-T-F SOLUTIONS

ppm equals parts per million of available chlorine

100 ppm add 1/6th oz. to each 1 gal. water

200 ppm add 1/3rd oz. to each 1 gal. water

A level teaspoon in 1 gallon of water gives 100 ppm av. Cl. A heaping measure in 3 gal. of water gives 100 ppm av. Cl.

RECOMMENDED METHOD of Washing & Sanitizing

IN FIRST TANK . . . WASH . . .

Use a chemical detergent in hot or warm water. NEVER USE SOAP. Use clean brushes to more effectively remove soil, grease, lipstick, etc.

IN MIDDLE TANK . . . RINSE . . .

Use plain clean water. DO NOT add any chemical to this water.

IN LAST TANK . . . DISINFECT . . .

Immerse items in B-T-F solution made to ppm concentration recommended by Health Dept. Leave in solution for time required. Check Health Dept. as requirements vary. 2 Min. exposure required in some states. Remove from solution, ~~then~~ ~~rinse in clean water~~ and allow to drain dry. NEVER TOWEL DISINFECTED ITEMS.

WISCONSIN FIVE-STEP PROCEDURE

1. Scrape & prewash utensils & glasses whenever possible.
2. Wash with a good detergent such as T-D-C or BLU-MAGIK.
3. Rinse with plain water.
4. Sanitize in solution of 1/2 oz. to 3 gals. water (100 p.p.m.). Immerse all utensils for at least 2 minutes or for contact time specified by governing sanitary code, ~~then rinse in clean potable water.~~
5. Place sanitized utensils on rack or drainboard to air dry.

HEALTH

B-T-F fulfills the requirements of the Federal Food, Drug & Cosmetic Act, the Sterilized Milk Ordinance, and the National Public Health Service.

Appendix F, Revised Organic Chlorine, of the organic food wetting agents, under conditions, the same and are somewhat.

Included in the list of contribute requested for a compatible properly lower pH.

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Testing: ppm can methods. B-T-F j

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To the user: If to your jobber

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