

BEST AVAILABLE COPY

YM31 3640-33

1021

STERAMINE

SANITIZER • DISINFECTANT DEODORANT • UDDER WASH

ACTIVE INGREDIENTS:
Alkyl (50% C₁₂, 40% C₁₄, 10% C₁₆)
Dimethyl Benzyl Ammonium Chloride 10.0%

INERT INGREDIENTS:
Isopropanol..... 2.4%
Water..... 87.6%
Total 100.0%

KEEP OUT OF REACH OF CHILDREN
DANGER

CORROSIVE: Harmful or fatal if swallowed. STERAMINE is corrosive to eyes and severely irritating to the skin. Eye contact may cause blindness. Do not get in eyes or on skin. Do not mix with soap. When soap is used in cleaning instead of detergent, rinse with water before sanitizing. Do not allow to come in contact with food. May cause burns to broken skin.

Practical Treatment: **FIRST-AID:**

EXTERNAL: Immediately flush skin with plenty of cool running water for at least 15 minutes. Remove contaminated clothing and wash before reuse.

INTERNAL: If swallowed, **DO NOT** induce vomiting. Immediately drink a large quantity of water. Consult a physician immediately.

EYES: Immediately flush eyes with plenty of cool water for at least 15 minutes. **GET MEDICAL ATTENTION IMMEDIATELY.**

EPA Reg. No. 3640-33 EPA Est. No. 3640 W1-0

NET CONTENTS: 1 U.S. FL. GALLON (3.79 LITERS)

STEARNS STEARNS PACKAGING CORPORATION
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DIRECTIONS FOR USE

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

FIVE STEP PROCEDURE FOR CLEANING/SANITIZING OF UTENSILS, GLASSWARE, BOWLS, AND PLASTIC SANITIZING:

1. Scrape and pre-rinse all utensils and glassware.
2. Wash in a solution of 1 ounce of NUTRON detergent per 3 gallons of water.
3. Rinse in clear room-temperature water.
4. Sanitize in a solution of 1 ounce STERAMINE to 4 gallons of water (200 ppm).
5. Place sanitized utensils in a rack or drain board to air dry. **DO NOT RINSE.**

INSTRUCTIONS FOR THREE TANK SYSTEM:

- Tank I: Fill tank 2/3 full of water (3 - 4 gallons) at room temperature. Add 2 ounces of NUTRON detergent. Use brush if utensils are heavily soiled.
- Tank II: Fill tank 2/3 full of clear potable water (3 - 4 gallons) at room temperature and immerse several times.
- Tank III: Fill tank 2/3 full of water (3 - 4 gallons) and add 1 ounce of STERAMINE to 4 gallons of water (200 ppm). Immerse utensils several times to insure two minute exposure. Consult local authorities regarding the recommendation of the sanitizing solution. Allow to air dry before reuse.

RESTAURANTS, TAVERNS, HOTELS AND INSTITUTIONS:

For the sanitation of glasses, dishes, cooking utensils and bottles, clean with a solution of a suitable detergent (not soap), such as NUTRON, rinse thoroughly and sanitize in a solution of 1 ounce STERAMINE to 4 gallons of water (200 ppm), then air dry. **DO NOT RINSE.** STERAMINE is a good secondary to use in tavern sanitizing tanks.

RECEPTIONS:

For general disinfection of floors, walls, furniture, sinks, bath tubs, showers, toilets, etc., first wash with a good detergent, then disinfect in a STERAMINE solution of 1 ounce per gallon of water (200 ppm). STERAMINE is very effective at above dilution for control of many forms of streptococcus, staphylococcus and coliform bacteria. Apply thoroughly to porous and hard to clean surfaces.

FOOD PROCESSING PLANTS, BAKERS, MEAT PACKERS, BAWFIS, CANNERS, ETC.:

Clean walls and floors with a good detergent solution. Rinse with potable water, then spray with STERAMINE at 200 ppm dilution (1 ounce per gallon of water) to disinfect surfaces and allow to air dry. **DO NOT RINSE.** For equipment, wash thoroughly in suitable detergent, rinse with potable water, then dip in a STERAMINE solution of 1 ounce to 4 gallons of water and allow to air dry. **DO NOT RINSE.**

SWIMMING POOLS:

Control growth of algae. Thoroughly wash down pool walls and floors with a good detergent. Fill pool and add 1 gallon STERAMINE for each 25,000 gallons of water. Circulate the pool to the average of 2.0 ppm. Twice each week thereafter add 1/2 gallon of STERAMINE for each 25,000 gallons of water on hot sunny days or once a week on cool cloudy days.

INSTRUCTIONS FOR USE

BULK TANK CLEANING:

1. The pick-up tank truck driver should rinse out the tank at the time of pick-up with tepid water.
2. Make certain that the compressor is turned off.
3. Remove all detachable equipment and make a solution of MANOSOL BULK TANK CLEANER, CHLORINATED PIPELINE DETERGENT, or SANITURGENT MARK X according to their label directions. Brush the interior, especially the bottom of the cover, and all equipment thoroughly.
4. After cleaning, rinse thoroughly with water at 120°F and allow to drain.
5. Acid rinse with a solution of either ACID RINSE at a rate of 1 ounce per 5 gallons of warm (100°F) water, or MILKSTONE REMOVER AND ACID RINSE at a rate of 1 ounce per 5 gallons of warm (100°F) water for 20 to 30 minutes.

6. To prevent milkstone buildup and water spotting. Twice each week, instead of acid rinsing, rinse with a solution of MILKSTONE REMOVER AND ACID RINSE at a rate of 1 ounce per 2 gallons of warm (100°F) water for 20 to 30 minutes for the control of milkstone in the bulk tank.
6. Reassemble and thoroughly rinse with water at 120°F, and allow to drain.
7. Before reuse, sanitize with a solution of either STERAMINE at a rate of 1 ounce per gallon of water (200 ppm) at a temperature of 145°F, or follow local health recommendations. A minimum of a 2 minute contact time is required. Drain the use solution from the equipment and air dry. **DO NOT RINSE.**

UDDER WASHING:

1. Udder and teats should be thoroughly washed with a solution of either STERAMINE to 2 gallons of water (200 ppm), and dried with a clean sponge.
2. A new solution should be made for every eight cows.

GENERAL RECOMMENDATIONS:

When obvious odors appear about urinals, cans, drains, sewers, gratings, gutters, etc., remove all refuse possible, then sprinkle or spray a solution of 4 ounces STERAMINE per gallon of water over all surfaces to deodorize.

UTENSILS AND OTHER BARRY EQUIPMENT:

1. Immediately following use, pre-rinse with tepid water.
2. Begin cleaning using either MANOSOL BULK TANK CLEANER or HEAVY DUTY BARRY UTENSIL CLEANER according to their label directions at a temperature warm as the hands can stand. Brush all surfaces. Wear rubber gloves if solution irritating to hands.
3. Acid rinse with a solution of either ACID RINSE at a rate of 1 ounce per 5 gallons warm (100°F) water, or MILKSTONE REMOVER AND ACID RINSE at a rate of 1 ounce per 5 gallons of warm (100°F) water, for 20 to 30 minutes to prevent milkstone build-up and water spotting. Twice each week, instead of acid rinsing, rinse with a solution MILKSTONE REMOVER AND ACID RINSE at a rate of 1 ounce per 2 gallons of warm (100°F) water for 20 to 30 minutes for the control of milkstone.
4. Rinse thoroughly with water at 145°F.
5. Before reuse, sanitize with a solution of either STERAMINE at a rate of 1 ounce per gallon of water (200 ppm) at a temperature of 145°F for 5 to 10 minutes. Follow local health recommendations. A minimum of a 2 minute contact time is required. Drain the used solution from the equipment and air dry. **DO NOT RINSE.**

PIPELINE MILKING, MILKING MACHINES and PIPELINES:

1. Immediately after milking, flush entire system with warm (100°F) water until water runs clear.
2. Circulate a solution of SANITURGENT MARK X at a rate of 1 ounce per gallon, CHLORINATED PIPELINE DETERGENT at a rate of 1 ounce per 2 gallons of water 100°F for 20 to 30 minutes, opening and draining all valves at this time. Hand brush parts not coming in contact with the solution.
3. After cleaning, rinse thoroughly with water at 120°F and allow to drain.
4. Acid rinse with a solution of either ACID RINSE at a rate of 1 ounce per 5 gallons warm (100°F) water, or MILKSTONE REMOVER AND ACID RINSE at a rate of 1 ounce per 5 gallons of warm (100°F) water, for 20 to 30 minutes to prevent milkstone build-up and water spotting. Twice each week, instead of acid rinsing, rinse with a solution MILKSTONE REMOVER AND ACID RINSE at a rate of 1 ounce per 2 gallons of warm (100°F) water for 20 to 30 minutes for the control of milkstone.
5. Rinse with warm (100°F) water until the water runs clear.
6. Before reuse, sanitize with a solution of either STERAMINE at a rate of 1 ounce per gallon of water (200 ppm) at a temperature of 145°F and circulate the solution for 5 to 10 minutes, or follow local health recommendations. A minimum of a 2 minute contact time is required. Drain the used solution from the equipment and air dry. **DO NOT RINSE.**

STERAMINE is effective for sanitizing applications in hard waters, as has been demonstrated by testing using the Chambers method, as outlined in Official Methods of Analysis of the Association of Official Agricultural Chemists (19th Ed., p. 70). It is found that 200 ppm (active) of this emulsary killed 98.99% of E. coli in 30 sec in water of 550 ppm hardness.

