

**UTENSILS AND OTHER DAIRY EQUIPMENT:**

1. Immediately following use, pre-rinse with tepid water.
2. Begin cleaning using either MANOSOL BULK TANK CLEANER or HEAVY DUTY DAIRY UTENSIL CLEANER according to their label directions at a temperature as warm as the hands can stand. Brush all surfaces. Wear rubber gloves if solution is irritating to hands.
3. 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 6 gallons of warm (100°F) water, for 20 to 30 minutes 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.
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 4 gallons of water (200 ppm) at a temperature of 145°F 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.**

**PRECAUTIONARY STATEMENTS**  
**HAZARDOUS TO HUMANS AND**  
**DOMESTIC ANIMALS**

**DANGER**

Keep Out of Reach of Children. Corrosive. Causes severe eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food.

**ENVIRONMENTAL HAZARDS**

(For 5 gallon & larger)

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

**STORAGE AND DISPOSAL**

- Do not contaminate water, food or feed by storage disposal.
- Do not store on side.
- Avoid creasing or impacting of side walls.

**PESTICIDE DISPOSAL**

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, spray or mixture of rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL**

Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

(For 1 gallon or less)

Do not reuse empty container (bottle, can, bucket, packets). Wrap container and put in trash.

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 (Ninth Ed., p. 70). It was found that 200 ppm (active) of this quaternary killed 99.9% of *Coliform* in 30 minutes in water of 150 ppm hardness.

**ACCEPTED**

**AUG 24 1998**

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. **31040-33**

ST-13

PM 31  
 3640-33  
 8/24/98  
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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.

**SANITIZATION:**

**FIVE STEP PROCEDURE FOR CLEANING/SANITIZING OF UTENSILS, GLASSWARE, DISHES, AND FLATWARE SANITATION:**

1. Scrape and prewash 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.
6. Leave surfaces wet for 2 minutes.

**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, then 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 quarternary to use in tavern sanitizing tanks.

**DISINFECTION:**

**HOSPITALS:**

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 (800 ppm). STERAMINE is very effective at above dilution for control of many forms of staphylococcus, streptococcus and coliform bacteria. Apply thoroughly to porous and hard to clean surfaces.

**PROCESSING PLANTS, DAIRIES, MEAT PACKERS, BAKERS, CANNERS, ETC.:**

walls and floors with a good detergent solution, rinse with potable water, then spray with STERAMINE at 800 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. Chlorinate 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 MANDSOL BULK TANK CLEANER, CHLORINATED PIPELINE DETERGENT, or SANITERGENT 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 6 gallons of warm (100°F) water, for 20 to 30 minutes 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 4 gallons 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 used solution from the equipment and air dry. DO NOT RINSE.

**UDDER WASHING:**

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

**GENERAL DEODORIZING:**

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

*continued on right panel*

# STERAMINE

## SANITIZER · DISINFECTANT DEODORANT · UDDER WASH

**ACTIVE INGREDIENTS:**

Alkyl (50% C<sub>14</sub>, 40% C<sub>12</sub>, 10% C<sub>10</sub>)  
 Dimethyl Benzyl Ammonium Chloride ..... 10.0%

**INERT INGREDIENTS:** ..... 90.0%

**Total 100.0%**

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

**STATEMENT OF PRACTICAL TREATMENT**

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash contaminated clothing before reuse.

If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution; or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

SEE RIGHT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Reg. No. 3640-33

EPA Est. No. 3640 WI-01

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



**STEARNS PACKAGING CORPORATION**  
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