

# Manosol

## Bulk Tank Cleaner



Manosol Bulk Tank Cleaner  
ST-12, 11 lb. pail.

Powdered *Manosol Bulk Tank Cleaner* is a high foaming, mild alkaline cleaner for bulk tanks and manual cleaning of dairy equipment made of glass, metal or plastic.

ST-No.	UPC No. Mfg. No. 071206	Case Size	Case Weight
ST-12	004475	11 lb. pail	12 pounds
ST-17	004505	18 lb. pail	20 pounds

### Directions

#### MANUAL CLEANING OF BULK TANKS

1. Immediately after the tank has been emptied of milk, rinse all surfaces with tepid 90°-120°F water.
2. Remove all detachable equipment and make a solution of Manosol Bulk Tank Cleaner, at the rate of 1 ounce per the required gallons of hot (155°-170°F) water. See hardness table for recommended dilution. Brush the interior, especially the bottom of the cover, and all equipment thoroughly.
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 of warm (100°F) water, or Sterosol Milkstone Remover and Acid Rinse at a rate of 1 ounce per 6 gallons of warm (100°F) water to prevent milkstone buildup and water spotting. Twice each week, instead of acid rinsing, rinse with a solution of Sterosol 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. Drain thoroughly.
5. Before reuse, sanitize with a solution of either Steramine at a rate of 1 ounce per 4 gallons of water (200 ppm) or Hypo-Chlor Formula 6.40 at a rate of 1 ounce per 2 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.**

#### 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 Sterosol Milkstone Remover and Acid Rinse at a rate of 1 ounce per 6 gallons of warm (100°F) water to prevent milkstone buildup and water spotting. Twice each week, instead of acid rinsing, rinse with a solution of Sterosol 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. Before reuse, sanitize with a solution of either Steramine at a rate of 1 ounce per 4 gallons of water (200 ppm) or Hypo-Chlor Formula 6.40 at a rate of 1 ounce per 2 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.**

#### WATER HARDNESS TABLE

Soft water.....	1 ounce to 5 gallons of water
Medium water.....	1 ounce to 4 gallons of water
Hard water.....	1 ounce to 3 gallons of water
Very hard water.....	1 ounce to 2 gallons of water



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