

CHEM-STAR™



Acid Gold H.D.™

PRODUCT DESCRIPTION

Chem-Star™ Acid Gold H.D.™ is a concentrated non-foaming, tri-blend detergent, which helps remove alkaline films from milking equipment surfaces.

BENEFITS

Promotes Quality Assurance

- Leaves equipment shiny and film-free.
- Works in all water hardness conditions.
- Low-foam formulation promotes free-rinsing.

Convenient to use

- When used regularly as an acid rinse, eliminates necessity of periodic acid washing to prevent mineral deposits and alkaline films on metal surfaces.
- Specially designed for use in CIP recirculation systems.
- Helps protect stainless steel surfaces from corrosion, rust or pitting.

Acid Gold H.D.™

PROPERTIES

Form.....	liquid	Pounds per gallon.....	9.8 (4.4 kg)
Color.....	red	pH 1.0% solution	1.3
Odor	slight nitric	Acidity calculated as	
Spec. Grav. @68° (20°C) ..	1.176	Nitric Acid	32.8%

Formula ingredients contain not more than 3.3% phosphorus, 1.0 g per gal. of average recommended use concentration.

DIRECTIONS FOR USE

CLEANING PIPELINES

1. Pre-flush pipelines and milking units with large volume of potable water.
2. Prepare wash solution using proper use dilution of an appropriate chlorinated alkaline cleaner following label directions carefully.
3. Circulate wash solution through system for 8-10 minutes. Brush-wash all parts not coming in contact with the wash solution. Wear impervious gloves when brush-washing equipment.
4. Rinse with large volume of potable water to remove all wash solution. Allow to drain.
5. Finish with acidified water rinse. Add one (1) ounce of *Acid Gold H.D.* to each 10 gallons (0.78mL/L) of potable water. Rinse system and allow to drain.
6. Just before milking (no sooner than 30 minutes), sanitize by circulating proper ppm solution of an appropriate EPA-registered sanitizer*. Drain completely.

CLEANING BULK TANKS

1. Pre-flush bulk tank with large volume of potable water.
2. Prepare wash solution in volume necessary to properly operate the spray device, using proper use dilution of an appropriate chlorinated alkaline cleaner following label directions carefully.
3. Spray-wash for 8-10 minutes. Disconnect return line and drain. Inspect all milk zone surfaces for cleanliness. Prepare wash solution using 4 ounces of a chlorinated manual cleaner and not more than 1 gallon of hot water. Brush-wash valve, outside of tank and any part of tank not cleaned by spraying system. Wear impervious gloves when brush-washing equipment.
4. Rinse inside and outside of bulk tank with potable water to remove all wash solution. Allow to drain.
5. Finish with acidified water rinse. Add one (1) ounce of *Acid Gold H.D.* to each 10 gallons (0.78 mL/L) of potable water. Rinse system and allow to drain.
6. Just before milking (no sooner than 30 minutes), sanitize by circulating proper ppm solution of an appropriate EPA-registered sanitizer*. Drain completely.

**Where local or state regulations are in effect, consult authorities for additional information.*

Consult your *Chem-Star™* Representative for specific use instructions and recommended dispensing equipment.

For cautionary and first aid information, consult the Material Safety Data Sheet (MSDS) or product label.

DAIRY SANITATION PRODUCTS



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