

# CHEM-STAR™

## Acid Gold™

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### PRODUCT DESCRIPTION

*Chem-Star™ Acid Gold™* is a concentrated liquid low-foaming acid detergent which helps remove alkaline films from milking equipment surfaces.

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### BENEFITS

#### **Effective**

- Leaves equipment shiny and film-free.
- Works in all water hardness conditions.
- Low-foam formulation promotes free-rinsing.
- Prevents streaks, mineral deposits and milkstone.
- Contains surfactant for ease of cleaning.

#### **Convenient**

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

# Acid Gold™

## PROPERTIES

Form .....	liquid	Specific gravity at 68°F .....	1.222
Color .....	red	Pounds per gallon.....	10.18 (4.62 kg)
Foam .....	low	pH 1.0% solution .....	2.0
		0.1% solution .....	2.5
		Acidity as phosphoric acid	
		by weight .....	35.5%
		Freezing Point .....	18°F/-8°C

Formula ingredients contain not more than 12.3% phosphorus, 0.5 g per gal. Of average recommended use concentration.

## USE

### FOR DAIRY EQUIPMENT USE CLEANING PIPELINES

1. Pre-flush pipeline and milking units with large volume of potable water.
2. Prepare washing solution using proper use dilution of recommended *Chem-Star™* chlorinated alkaline cleaner, following label directions carefully.
3. Circulate above solution through system for 8 to 10 minutes, brush-washing all parts not coming in contact with circulating solution. Wear rubber gloves when brush-washing equipment.
4. Add 1 ounce of *Acid Gold™* to each 10 to 12 gallons (0.8 mL/L) of rinse water. Allow to drain.
5. Just before milking, sanitize by circulating proper ppm solution of an EPA *Chem-Star™* registered sanitizer. Drain completely.

**NOTE:** When step 4 is followed, alternate acid cleaning with *Acid Gold™* is not necessary. The acidified rinse prevents formation of milkstone, mineral deposits, and leaves surfaces film free.

### FOR DAIRY EQUIPMENT USE CLEANING MILK TANKS

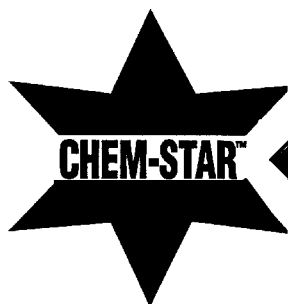
1. Pre-flush tank with large volume of potable water.
2. Prepare concentrated washing solution in plastic pail, using 4 ounces chlorinated *Sepko-BTC™* and not more than 3 or 4 quarts (30 g/L) of hot water.
3. Brush-wash tank thoroughly with above solution working from plastic pail within tank and with outlet valve closed. After brushing tank, bridge, agitator, covers, etc., drain solution from tank back into pail, brushing valve while solution is draining. Use same solution for outside of tank. Wear rubber gloves when brush-washing equipment.
4. Rinse tank thoroughly inside and out with potable water, finishing with acidified water using *Acid Gold™* applied by sprayer. Drain.
5. Just before using bulk tank, sanitize by spraying with *Chem-Star™ 400 Sanitizer™* or *Shield 840™* applied by sprayer for complete control. Allow to drain.

**NOTE:** When step 4 is followed, alternate acid cleaning with *Acid Gold™* is not necessary. The acidified rinse prevents formation of milkstone, mineral deposits, and leaves surfaces film free.

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



MANUFACTURED FOR & DISTRIBUTED BY



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