

CHEM-STAR™



Hi Perform Gold™

PRODUCT DESCRIPTION

Hi Perform Gold™ is a premium liquid alkaline detergent for use in recirculation cleaning of dairy equipment.

BENEFITS

Save Time

- Quickly penetrates, suspends and rinses toughest soils for fast, thorough cleaning.
- No dissolving required.

Saves Money

- Highly formulated system to provide superior use cost performance.
- No additional additives needed in most water conditions.

Sparkling Clean Results

- Leaves equipment spot-free and smelling fresh.
- Prevents burning of stainless steel by undissolved powders.

Hi Perform Gold™

PROPERTIES

Form	liquid	Alkalinity: Potassium Hydroxide Based	
Color	light yellow	Active as Na ₂ O	7.4%
Odor	slight chlorine	Total as Na ₂ O	10.0%
Foam	none	Available Chlorine by weight	2.8%
pH at 1.0%.....	12.4	Specific gravity at 68°F	1.287
pH of 0.10% solution ..	11.1	Pounds per gallon.....	10.7 (4.86 kg)
		Freezing Point	-18°F/-27°C

Formula contains not more than 2.9% phosphorus, 0.4 gms. per gallon of average recommended use

TO USE

CLEANING PIPELINES

1. Pre-flush pipeline and milking units with large volume of clear tap water.
2. Prepare washing solution using 1 ounce of *Hi Perform Gold™* to each 3 gallons (2.6 mL/L) hot water. Starting temperature 160°F/71°C. (Do not guess at amount of water. Measure and put mark on tank.)
3. Circulate washing solution through system for not more than 8 to 10 minutes. Brush wash all parts not cleaned by mechanical system. Wear rubber gloves when brush washing equipment.
4. Follow with an acidified rinse using proper use dilution of *Acid 10™* or *Acid Gold™* and warm water (100-100°F/38-43°C).
5. Just before milking, sanitize by using proper use dilution of recommended sanitizer

CLEANING TRANSFER SYSTEMS

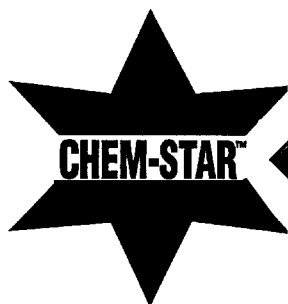
Use 1 ounce of *Hi Perform Gold* to each 3 gallons (2.6 mL/L) of hot water. Follow pipeline procedures.

MECHANICAL CLEANING OF BULK TANKS

1. Pre-flush tank with large volume of clear tap water.
2. Prepare washing solution using 1 ounce *Hi Perform Gold™* per each 2 gallons (3.9 mL/L) of hot water (160°F/71°C).
3. Allow to circulate for not more than 10 minutes. Disconnect return line and drain.
4. Inspect all milk zone surfaces for cleanliness. Brush-wash valve, outside of tank and any part of tank not cleaned by mechanical system. Wear rubber gloves when brush washing equipment.
5. Rinse inside and outside of bulk tank with proper use dilution of *Acid 10™* or *Acid Gold™*. Circulate. Allow to drain.
6. Just before milking, sanitize by circulating proper ppm solution of recommended sanitizer.

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

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



DAIRY SANITATION PRODUCTS



MANUFACTURED FOR & DISTRIBUTED BY



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