

# CHEM-STAR™

## SENTINEL PLUS™

### Activated Peroxide Sanitizing Teat Dip

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## PRODUCT DESCRIPTION

A unique, patented, peroxide-based teat dip that provides fast, broad spectrum germicidal activity both before and after milking.

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## BENEFITS

### Protects Udder Health and Hygiene

- Passes AOAC sanitizer test with only 15 seconds contact time - twice as fast as conventional pre-dip products.
- University tested and proven effective in reducing mastitis infections using NMC Protocols B and C.
- Equally effective against both infectious mastitis organisms and environmental types, such as *E. coli*.
- Significant germicidal activity in the presence of a 50% milk challenge.

### Safer to Use

- Unique, peroxide-based composition. The active ingredients and emollient present in *Sentinel Plus™* are approved as indirect food additives or fall under the FDA category GRAS (Generally Recognized As Safe).
- User friendly; promotes regular use. Formula contains no iodine; eliminates messy staining problems.
- Non-irritating formula helps teat conditioning; gentle on teats and hands.

### Versatile - Cost Effective

- Low viscosity formula reduces wasteful, excessive consumption.
- Effective for both pre and post application - one product does it all.
- Versatile use application - dip or spray.

# SENTINEL PLUS™

## PROPERTIES

|                       |           |                                     |                        |
|-----------------------|-----------|-------------------------------------|------------------------|
| Form .....            | liquid    | Specific gravity at 68°F/20°C ..... | 1.017                  |
| Color .....           | orange    | Pounds per Gallon .....             | 8.47 (3.84 kg)         |
| Odor .....            | very mild | U.S. Patent No. 5,139,788           |                        |
| Wetting ability ..... | excellent | pH .....                            | 3.2                    |
|                       |           | Freezing Point .....                | 32°F/0°C               |
|                       |           |                                     | Separates - do not use |

Active ingredients include Hydrogen Peroxide 0.5%, Lactic Acid 1.7%, and Sodium Linear Alkylate Sulfonate, 0.5%

Available in 4/1 gallon (4/3.78L) case, 5 gallon (18.9 L) pail, and 15 gallon (56.8 L) and 55 gallon (208.2 L) drums.

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

## TO USE

### DIRECTIONS FOR TEAT DIPPING

**Pre-Milking:** Fill teat cup with *Sentinel Plus™*. Do not dilute. Before each cow is milked, dip the teats as far as possible into the teat dip cup containing *Sentinel Plus™*. Wipe teats dry after dipping, using single service towels to avoid contamination of milk.

**Post-Milking:** Immediately after milking, use *Sentinel Plus™* at full strength. Submerge entire teat in *Sentinel Plus™* solution. Allow to air dry. Do not wipe dry. Always use fresh, full strength *Sentinel Plus™*. If product in dip cup becomes visibly dirty, discard contents and replenish with undiluted product. Do not reuse or return used solution to original container. Do not turn cows out in freezing weather until *Sentinel Plus™* is completely dry.

Use proper procedures for udder washing or pre-milking teat dipping just prior to next milking to avoid contamination of milk.

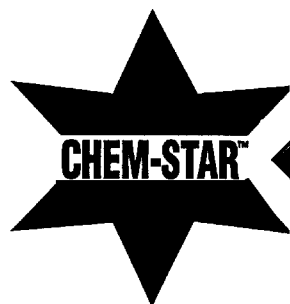
**IMPORTANT:** Do not mix *Sentinel Plus™* with any other teat dip spray, dip or other products. If transferred from this container to any other, make sure that other container is thoroughly pre-cleaned and bears the proper container labeling for *Sentinel Plus™*.

**NOTE:** *Sentinel Plus™* is not intended to cure or help the healing of chapped or irritated teats. In case of teat irritation or chapping, have the condition examined and, if necessary, treated by a veterinarian.

**DIRECTIONS FOR TEAT SPRAYING:** Use a post-milking spray on each teat as an aid in complete cow-care program to help reduce the spread of organisms which may cause mastitis. Immediately after milking, use *Sentinel Plus™* at full strength. Spray entire teat with *Sentinel Plus™* solution. Allow to air dry. Do not wipe. Always use fresh, full strength *Sentinel Plus™*. Do not turn cows out in freezing weather until *Sentinel Plus™* is completely dry.

Wash entire udder and teats thoroughly just prior to next milking with appropriate udder wash product solution to avoid contamination of milk. Use proper procedures for udder washing.

**PROTECT FROM FREEZING.** If frozen, mix well by shaking or rolling.



## DAIRY SANITATION PRODUCTS



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