

CHEM-STAR™

Barrier 112™

PRODUCT DESCRIPTION

Barrier 112™ is a unique germicidal 10,000 ppm iodine teat dip that forms a protective barrier on the teat. Helps control common organisms known to cause mastitis by providing broad spectrum protection after dipping.

BENEFITS

Protects Udder Health and Hygiene

- Contains 1% titratable iodine, providing both a germicide and a barrier film on the teat
- Contains a 12% emollient system including glycerine for improved skin conditioning
- Effective against infectious mastitis causing organisms such as *Escherichia coli*
- Passes AOAC Germicidal and Detergent Sanitizer Test with a greater than 99.999 percent reduction of *Staphylococcus aureus* and *Escherichia coli* organisms
- Non-irritating formula aids teat conditioning; gentle on teats and hands
- Film former and wetting agent allows product to cling to the teat

Versatile - Cost Effective

- Ready-to-use formula reduces wasteful, excessive consumption
- Easier to remove than latex barrier type dips - reduces prep time

Barrier 112™

PROPERTIES

Form.....	liquid	Specific gravity @ 68°F	1.051
Color.....	dark brown	Pounds per Gallon.....	8.75 (3.97 kg)
Odor.....	mild	pH.....	4.6
Wetting ability.....	excellent		

Formula ingredients contain no phosphorus.

ACTIVE INGREDIENT:

Iodine..... 1.0%
Contains glycerine plus other emollients.

Transport and store between 40°F (4°C) and 100°F (37°C). Do not freeze. Product damaged if frozen. Product that has been frozen and thawed may appear watery with clumps of material and will not produce a uniform film on the teat.

TO USE

IMPORTANT: Do not mix *Barrier 112™* with any other teat dip or other products. If transferred from product container to any other, make sure that other container is thoroughly precleaned and bears the proper container labeling for *Barrier 112™*.

Use a post-milking teat dip on each teat as an aid in a complete cow-care program to help reduce the spread of organisms which may cause mastitis.

Immediately after milking, use *Barrier 112™* at full strength. Submerge entire teat in *Barrier 112™* solution. Allow to air dry. Do not wipe. Always use fresh, full strength *Barrier 112™*. If product in dip cup becomes visibly dirty, discard contents and replenish with undiluted product. Do not reuse or return unused product to the original container. Do not turn cows out in freezing weather until *Barrier 112™* is completely dry.

Wash teats thoroughly just prior to next milking with appropriate udder wash solution or pre-milking teat dip. Teats should then be dried with a single-service towel. Use proper procedures for udder washing or pre-dipping.

NOTE: *Barrier 112™* 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.

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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