

LACTOSIDE 247™ is an antimicrobial product for use in fuel ethanol fermentations. It contains a proprietary combination of antibiotics that inhibit the broadest range of fermentation contaminants, including *Lactobacillus*, *Acetobacter*, *Leuconostoc*, and *Pediococcus*. The synergistic inhibition effect of multiple antibiotics provides greater inhibition at lower levels than other products and prevents the development of resistant contaminants. Eliminating infection prevents competition for glucose, reduces yeast stress, and increases alcohol yields. LACTOSIDE 247 is stable over a broad pH range and is effective immediately. It can be added to the yeast propagator or to the fermenter at the beginning, middle, or end of fermentation.

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#### **SPECIFICATIONS**

LACTOSIDE 247 is a light-colored powder.

#### **APPLICATIONS**

LACTOSIDE 247 is intended for use in fuel ethanol fermentations.

#### **DIRECTIONS FOR USE**

LACTOSIDE 247 can be added to the propagator or fermenter. The typical use rate is 1 to 2 ppm, (1 to 2 g per 1,000 liters). Higher use rates may be required for severe infections—consult your technical sales representative for additional information.

#### **STORAGE AND HANDLING**

LACTOSIDE 247 should be stored in a cool, dry area away from heat for maximum stability. When stored under these conditions, the product is stable for 18 months from the date of manufacture.

#### **PRECAUTIONS**

Maintain integrity of water soluble bags. Avoid contact with skin and eyes.

#### **PACKAGING**

Water soluble bags in 50 pound cartons.

*To the best of our knowledge, the information contained here is true and accurate. However, any recommendations or suggestions are made without any warranty or guarantee since conditions and methods of use are beyond our control. This information should not be considered as a recommendation that our products be used in violation of any patents.*



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