

# Bactenix® V60

## Fermentation Antimicrobial

Bactenix V60 is a beta lactam antimicrobial containing penicillin. It is effective against a wide range of gram positive bacteria that commonly infect fuel ethanol fermentations.

### CHARACTERISTICS

Inhibits functional cell wall production

- by interfering with the production of peptidoglycan

Eliminates contaminating bacteria:

- prevents competition for glucose
- reduces yeast stress
- increases alcohol yields

### INGREDIENTS

Free flowing powder with a neutral odor consisting of penicillin and dextrose

### APPLICATIONS

Bactenix V60 antimicrobial is used as a bacterial growth inhibitor and is intended for use in fuel ethanol fermentations

- stable over a broad pH range (3.5 - 5.8). However, in practice, this product is most effective at 4.0 - 4.5
- stable at temperatures of up to 46°C (115°F). This product is most effective at temperatures of less than 38°C (100°F)

### PACKAGING

Packaged in 8 and 16 oz water soluble bags in 20 lb tamper-proof plastic pails

### DIRECTIONS FOR USE

Bactenix V60 antimicrobial should be added during the fermentation phase of ethanol production. The typical use rate is 0.5 - 3.75 ppm, (0.5 - 3.75 g per 1000 L) or 1.9 - 18.9 mg per gal. Do not exceed 3.75 ppm (14.2 mg per gal) during the fermentation cycle.

Contact your Lallemand Biofuels & Distilled Spirits Technical Representative for more details.

### STORAGE & HANDLING

In order to maintain the integrity of the water-soluble bags, the product should be stored in a dry area away from extreme temperature variations and moisture for maximum stability. When stored under these conditions, the product is stable for 24 months from the date of manufacture.

### REGULATORY & CERTIFICATIONS

Kosher  
CFIA approved

### PRECAUTIONS

Avoid inhaling antimicrobial dust and avoid eye or skin contact. In case of contact, wash thoroughly with soap and water. In case of irritation or allergic symptoms, seek medical attention. People with sensitivity to antibiotics should refer to the SDS.

This product is not intended nor suitable for use in animal feed.

Color may vary per batch, but in no way affects the performance of the product.