

# Nutri-Plex Plus™

## Yeast Nutrient Complex

Nutri-Plex Plus is a proprietary yeast nutrient complex that promotes and sustains yeast cell propagation and viability, thus promoting an active and efficient ethanol fermentation. Supplementation of micronutrient fosters consistent trend improvement of fermentation performance over time.

### CHARACTERISTICS

Nutri-Plex Plus may be used with a variety of substrates such as: corn, milo, wheat, molasses, citrus molasses, cassava, fructose syrup and wet milling starch streams.

- promotes yeast cell propagation and viability
- aids in the building of cell mass during propagation
- promotes consistent fermentation yields
- aids yeast in competitively excluding contaminating bacteria

### INGREDIENTS

Water soluble free flowing tan powder consisting of a proprietary blend of brewers dried yeast, magnesium sulfate, zinc sulfate and biotin.

### APPLICATIONS

Nutri-Plex Plus is intended for use in fuel ethanol productions.

- can be used in batch or continuous processes
- in a batch process, it is recommended to use in the propagation tank. Dose during the beginning of tank fill to ensure distribution throughout the mash
- in a continuous process, it is recommended to dose in the first fermenting train vessel that the yeast propagation is intended
- works well at pH range of 3.5 - 6.0. However, pH of 3.5 - 4.5 is optimal for fermentation

### PACKAGING

Available in 22.68 kg (50 lb) bags

### DIRECTIONS FOR USE

In the Propagator - initially evaluate at a rate of 10 lb per 1000 US gal of mash in prop tank

In the Fermentor - initially evaluate at a rate of 1 lb per 1000 US gal of mash

In a Continuous process - initially evaluate at a rate of 1 lb per 1000 US gal of mash

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

### STORAGE & HANDLING

Nutri-Plex Plus should be stored in a cool, dry area for maximum stability. For best results, do not store directly on the ground. When stored under these conditions, the product is stable for 24 months from the date of manufacture.

### REGULATORY & CERTIFICATIONS

GRAS (Generally Recognized as Safe)

All ingredients have been assigned an IFN (International Feed Number)

### PRECAUTIONS

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