

Ingredients

Proprietary blend of organic and inorganic nutrients derived from yeast (*saccharomyces cerevisiae*).

Description

The Fermentis Prop-Aide product is a balanced yeast nutrient complex based on the synergistic ability of organic components, minerals, and vitamins to promote yeast growth. Its formula was specifically developed to augment industrial fermentation grain mashes and enhance yeast growth and metabolic kinetics.

Properties

Prop-Aide is a health package for propagated active dry yeast as utilized at most fuel ethanol plants. Routine addition of Prop-Aide to mash that typically contains some yeast growth inhibitors reduces the risk of sluggish or stuck propagations and fermentations by enhancing the yeast population's tolerance to several different yeast fermentation inhibitors. Because Prop-Aide has an assimilable organic and inorganic nutrient profile, it improves the vitality and viability of the yeast cell culture, which may lead to reduced residual carbohydrate profiles even under adverse process conditions.

Dosage

Target 2.8 pounds per 1000 gallons or 33 g/hl of mash. This dosing translates to one 50 pound bag into a 15,000 – 20,000 gallon (~ 56,780 – 75,700 liters) typical-sized yeast propagator.

Instructions of Use

Prop-Aide can be added to the yeast in two different ways. It can be slurried with water and the yeast in a mix, blend, or ingredient tank during yeast rehydration before being added to the yeast propagator (rehydration should be between 15 and 30 minutes). The other method of addition is directly into the propagator while it is being filled with mash and water.

Packaging

1 x 50 pound paper bag

Storage

Store in cool (<75° F or 24° C), dry conditions.

Shelf Life

24 months from production date under recommended storage conditions in the sealed package.

Component Analysis

Biotin, Copper Gluconate, Magnesium Sulfate, Manganese Sulfate, Niacin, PABA, Pantothenic Acid, Pyridoxine HCL, Potassium Chloride, Zinc Sulfate, Purified Yeast Cell Wall Material and other yeast derived complex organic nutrients from primary grown yeast.

THIS PRODUCT IS INTENDED FOR USE IN INDUSTRIAL SCALE FUEL ETHANOL FERMENTATION PROCESSES ONLY.

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