

(Nutrient for Yeast growth -100% replacement of inorganic nutrient like Urea and DAP also reduce dosing of Micro nutrients)

Description:

NutriF-M is specially formulated blend of bio nutrients, micro and macro nutrients, proteolytic and multiple microorganism produced by controlled fermentation of selected strains of *Aspergillus* spp. and *Bacillus* spp., *Trichoderma* spp. & *Actinomycetes* . which produce assimilable nitrogen.

Yeast plays a very important role in continuous fermentation in distilleries during the process, Nitrogen will accelerate yeast metabolism and is critical in mitigating yeast stress. If too much nitrogen is dosed early on in fermentation, more heat is produced. By using of our product NutriF-M make sure to supply yeast assimilable amino nitrogen that the yeast can easily utilize. This can also help combat heat stress and also replace the need of inorganic nitrogen.

NutriF-M is rich source of biologically available nitrogen in form of protein enzyme, essential amino nitrogen, minerals and vitamin to keep yeast healthy.

Product characteristic:

Active ingredient	: multiple microorganism and Bio-nutrients
Appearance	: Pale yellow colored liquid
Odor	: Fermented odor.

Operating Parameter

Temperature	: 27°C- 40°C
pH	: 3.5 -5.0

Application and benefit

- Helps to improve fermentation efficiency, alcohol yield and shorten fermentation time. NutriF-M also provide the necessary nutrients for maintaining yeast growth and vitality of yeast cells.
- Replaces chemical based nutrients.
- Enhances consistent fermentation and yields.
- Can be used in high gravity fermentation process.
- Accelerate the yeast metabolism and is critical in mitigating yeast stress.

Dosage:

Recommended Dosage: 8 - 12 PPM of fermentation wash volume, the actual dose need to optimize depending on different factor. We recommend customers to carry out adequate trials before arriving at final dosages.

Packing:

NutriF-M is typically available in 20 kg and 30 kg HDPE drum.

Storage:

NutriF-M should be stored in a cool, dry place. Storage in unopened containers, at or below 20°C, helps to maintain maximum activity if stored over long periods.

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Safety & Handling Precautions:

Inhalation of dust or aerosols may induce sensitization and may cause allergic reactions in sensitized individuals. Some component may irritate the skin, eyes, and mucous membranes upon prolonged contact. Avoid unnecessary contact with the product and inhalation of any aerosols or dust particles. In case of spillage or contact with the eyes or skin, rinse the affected area promptly with plenty of water.

All spills, however minor, should be removed immediately. Use respiratory protection. Major spills should be carefully shoveled into plastic-lined containers. Minor spills and remains of major spills should be removed by vacuum cleaning or flushing with water (avoid splashing). Wash contaminated clothes. Tribio Scientific provides Material Safety Data Sheets, and advice regarding the safe handling of enzymes.

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An ISO 9001:2015, ISO 22000, GMP & HACCP certified Company

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