

ENZYMALT

ENZYMALT is an amyloglycosidase enzyme which converts non-reducing and complex sugars like dextrin's/oligosaccharides/glucose polymers into reducing fermentable form like glucose. This amylo-glycosidase enzyme increase the availability of simple fermentable sugar from dextrin's produced by starch liquefaction.

PRIMARY BENEFICIARY FUNCTION:

- Convert complex sugars like dextrin's in to reducing sugar
- Increase attenuation rate of fermentation
- Enhance product recovery by providing maximum enzyme efficiency
- High activity contributes to low usage rates.
- Stabilized products maintain constant activity during storage
- Higher-activity products reduce ordering, handling, and shipping costs.

PRODUCT APPLICATION:

ENZYMALT used to increase attenuation rate in ethanol production. It is applied for saccharification and conversion of non-reducing into reducing sugars.

PRODUCT CHARACTERISTICS:

Product Composition	Amylo-glycosidase
Product strain	<i>Aspergillus niger</i>
Occurrence	Liquid
Appearance	Dark brown
Specific Gravity	1.12 – 1.15
pH	4.0 – 5.5

PRODUCT DOSING:

Dose	0.5 – 1.0 Kg/Ton of starch
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PRODUCT OPERATING PARAMETERS:

Temperature	30 – 55°C
pH	3.5 – 5.5

ENZYMALT

PACKAGING:

HDPE drums

25 Kg packing available

PRODUCT STORAGE:

Below 20°C

Minimum shelf life of six months

PRODUCT HANDLING:

- Enzymes are proteins. Inhalation of dust or aerosols may induce sensitization and may cause allergic reactions in sensitized individuals. Some enzymes may irritate the skin, eyes and mucous membranes upon prolonged contact. The product may create easily inhaled aerosols if splashed or vigorously stirred.
- Spilled product may dry out and create dust. Spilled material should be flushed away with water. Avoid splashing. Left over material may dry out and create dust.
- Wear suitable protective clothing, gloves and eye/face protection. Contaminated cloths should be properly washed.
- MSDS is supplied with the product. Follow MSDS safety instructions for more details.



ISO 9001:2015 Certified | FSSC 22000 Certified

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Certifications:

