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# Enzysweet

## Microbial Inhibitor

Enzysweet is a liquid protease enzyme designed for its application in the processing of sugar cane.

### BENEFICIARY FUNCTIONS

Advantages of Enzysweet enzyme blend composition over the use of biocides to control bacteria are:

- Biocides constitute toxicants in the system and are non environment friendly whereas Enzysweet is non toxic and is environment friendly.
- Biocides controls inversion whereas Enzysweet controls both inversion and microbial contamination. This dual action helps to reduce the losses during processing of the sugar cane and improves purity drops.

### PRODUCT APPLICATION

Enzysweet is an ultimate product for sugarcane juice processing. It is used as contamination controller and process enhancer. Apply the product at specific points using split manner as per the recommended dosing pattern for efficient outcomes.



Sugar Cane

Cane Preparation

Milling/Juice Extraction

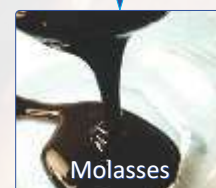
Clarification  
(Sulphitation/Defecation)

Clarifier

Clear Juice Evaporation

Vacuum Pan Boiling/  
Crystallization

Centrifuging



Molasses



Sugar





### PRODUCT CHARACTERISTICS

Occurrence	Liquid
Appearance	Off White

### OPERATING PARAMETERS

Temperature	30-70°C
pH	5.5-7.0

### DOSING

3-5 ppm i.e. 3-5 gms/ton of cane crushed depending upon bacterial contamination and purity drop from primary to mix juice

### PACKAGING

Available in 25 Kg HDPE drums

### PRODUCT SHELF LIFE

Below 30°C Minimum shelf life of 12 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.



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