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# BACTOSAFE-DTC

## A DTC based product

BACTOSAFE-DTC, an efficient mill sanitizer, specially formulated using DTC as active ingredient, as sugar industry decontaminant. It is effective to control the undesirable microbial contamination within the process.

### PRODUCT KEY BENEFITS

- Efficient over commodity DTC based sanitizers
- Control microbial contamination at lower doses
- Control sucrose consumption by microbes
- Reduce purity drop in process
- Allow variety of cane & process conditions
- Compatible to sugar process pH & temperature conditions
- Provide flexibility and smoothness in process
- Reduces processing cost by recovering loss by purity drop

### PRODUCT APPLICATION

BACTOSAFE-DTC is a new generation S-alkylated thiocarbamate based ingredient with higher antimicrobial efficiency for sanitization in sugar industry process. The optimal usage of this product depends on process parameters like crushing rate, cut to crush delay, concentration of contaminants, retention time, and point of contaminants generation. The effective output of this product comes through fine fine-tuning in actual practice.

### PRODUCT CHARACTERISTICS

Product Type:	DTC based mill sanitizer
Occurrence :	Transparent to Semitransparent Liquid
Appearance:	Pale Yellow
Odour:	Characteristic Smell
Spec. gravity:	1.15 - 1.25 g/ml

### PRODUCT DOSING

Dose Use BACTOSAFE-DTC @ 2.5 - 5 ppm on cane

## PRODUCT OPERATING PARAMETERS

Temperature < 85°C

pH 5.0 – 9.0

## PRODUCT PACKAGING

HDPE drums Available in 25 Kg HDPE drums

## PRODUCT STORAGE

Below 10°C Minimum self-life 12 months

10-25°C Best used within 6 months from date of delivery

## PRODUCT HANDLING

- 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.

## CATALYSTS BIO-TECHNOLOGIES PVT. LTD.

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