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BACTOSAFE-QAC

A QAC based product

BACTOSAFE-QAC, an efficient decontaminant, specially formulated using next generation QAC as active ingredient, for mill sanitization in sugar industry. It is highly effective to control the undesirable microbial contamination within the process.

PRODUCT KEY BENEFITS

- Efficient over commodity QAC 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-QAC is new generation QAC ingredient-based product with higher efficiency to control the microbial load during sanitization process in sugar industry. The optimal use of this product depends on processing parameters like crushing rate, cut to crush delay, concentration of contaminants, retention time, and point of contaminants generation. The efficient output by this product can be achieved by fine-tuning in actual practice.

PRODUCT CHARACTERISTICS

Product Type:	QAC based mill sanitizer
Occurrence :	Transparent to Semi Transparent Liquid
Appearance :	Watery Color
Odor :	Characteristic Smell
Sp. Gravity:	0.8 - 1.2 g/ml

PRODUCT DOSING

Dose : 2.5 - 5 ppm on cane

PRODUCT OPERATING PARAMETERS

Temperature < 85°C
pH 5.0 – 9.0

PRODUCT PACKAGING

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.

📍 240, Functional Industrial Estate,
Patparganj, Delhi 110092, India

✉ info@thecatalystsgroup.com

🌐 www.thecatalystsgroup.com

☎ +91 11 4986 7313
+91 11 4986 7314



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