



BACTOSAFE-I

Efficient Decontaminant for Sugar Mill Sanitization

In the sugar industry, undesirable microbial flora often leads to significant contamination and purity drops during processing. These industry challenges result in sugar losses and increased processing expenses, requiring a high-efficiency solution to maintain product quality.

Bactosafe-I is a new generation mill sanitizer designed to effectively control microbial contaminants across various cane varieties and process conditions. By optimizing process performance and reducing microbial growth, it ensures maximal efficiency at low dosages within the manufacturing environment.

Mode of Action

As an efficient decontaminant, Bactosafe-I works by targeting and controlling a wide range of undesirable microbial flora within the sugar manufacturing process. Effectiveness of the product will be achieved along with optimization of process parameters and the maximal efficiency can be possible by fine tuning the dosages and dosing points at plant level during actual practice.

Product Key Benefits

- Effective against all sugar process microbial contaminants.
- Unique formulation that works effectively even at lower dosages.
- Minimize sugar losses and processing expenses by reducing purity drops.
- Effective across different cane varieties and various process conditions.
- Suitable for the specific pH and temperature ranges of the sugar process to improve overall performance.

Product Application

Specifically used for mill sanitization in the sugar industry.

Operational Conditions

- **Temperature:** < 85°C
- **pH:** 5.0 – 9.0

Dosage

- 5-7 ppm/ton of cane

Product Characteristics

- **Form:** Transparent to semi-transparent liquid
- **Appearance:** Watery to slight amber color.
- **Odor:** Characteristic smell.
- **Specific Gravity:** 0.8 - 1.2 g/ml.

Shelf Life

- Minimum shelf life of 12 months when stored below 25°C; best used within 6 months if stored between 25-35°C.

Product Storage

- Available in 25 Kg HDPE drums

Product Handling

- Avoid inhalation of dust or aerosols, as they may induce sensitization and cause allergic reactions.
- Prolonged contact with skin, eyes, and mucous membranes should be avoided to prevent irritation.
- In case of spills, flush the area with water immediately to prevent the material from drying into inhalable dust.
- Always wear suitable protective clothing, gloves, and eye/face protection.
- Refer to the supplied MSDS for comprehensive safety instructions.



ISO 9001:2015 Certified | FSC 22000 Certified

CORPORATE OFFICE:

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

Phone: +91 11 49867313 / 49867314

Email: info@thecatalystsgroup.com

Web: www.thecatalystsgroup.com

Certifications:

