



# BACTOSAFE DF

*High-performance biocide for controlling bacterial contamination in sugar and molasses-based fermentation processes.*

Bacterial contamination in sugar and molasses fermentation leads to quality deterioration, sugar loss, and reduced ethanol yield, impacting overall process efficiency.

Bactosafe DF is a synergistic antimicrobial formulation designed to effectively control bacterial contamination, ensuring stable fermentation and improved process performance.

## Mode of Action

- Acts through synergistic effect of multiple antimicrobial compounds to control bacterial contamination.
- Prevents proliferation of undesirable bacteria across different feedstocks including juice, syrup, and molasses.
- Reduces formation of by-products and maintains yeast performance during fermentation.

## Product Key Benefits

- Effective at low dosage (~5 ppm)
- Controls bacterial contamination across multiple feedstocks
- Prevents deterioration of cane juice and syrup quality
- Improves fermentation efficiency and ethanol yield
- Reduces volatile acid formation and by-product stress
- Helps reduce frequency of stuck fermentation

## Product Application

- Applicable in sugar industry and molasses distillery processes.
- Used in pre-fermenter and fermenter stages; can also be applied at sugar processing points (milling station, mix juice, filter juice, syrup tank).

## Dosage

5 ppm on wash volume (up to 10 ppm depending on contamination level)

## Product Characteristics

- Product form: Liquid
- Broad-spectrum antimicrobial formulation
- Shelf Life: **Upto 12 months**

## Product Packaging

- Available in **25 kg HDPE containers**

## Product Storage

- Store below **35°C** in a **dry and covered area** in tightly closed containers.
- Keep the product away from **water, moist air, and steam.**

## Product Handling

- Handle as per standard antimicrobial handling practices.
- Use PPE and avoid direct contact.
- Store under recommended conditions.
- Follow MSDS guidelines.



ISO 9001:2015 Certified | FSC 22000 Certified

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Certifications:

