



BACTOSAFE DF



Bactosafe DF is an effective biocide over conventional biocides specially designed to be used in sugar industry & molasses distillery.

Feature:

- Easy to use liquid format
- Effective on low dosage of 5 ppm
- More effective over conventional biocides
- More powerful due to synergistic effect of blended compounds
- Effective on a variety of feedstocks like juice, syrup, molasses
- Prevent quality deterioration of cane juice syrup
- Stable product with up to one year shelf life
- Suitable to use in both sugar and distillery process

Application & Dosage

Bactosafe DF is recommended to dose in pre-fermenter & fermenter both at 5 ppm dosage rate on wash volume. Dosage may extend to 10 ppm depending on the level of bacterial contamination. While producing ethanol from cane juice syrup, the additional dosage of Bactosafe is recommended at the sugar factory side to control bacterial contamination. Depending on the origin of bacterial contamination, dosage points can be identified while standard dosing point at the sugar process are milling station, mix juice, filter juice and syrup tank.

Advantage:

- Prevent losses occurs through undesired bacterial contamination
- Reduce by-products stress from yeast
- Maintain maximum ethanol yield
- Reduce loss of fermentation efficiency
- Help to reduce struck fermentation frequency
- Reduce VA level in process

Benefits:

- Systematic Scientific Approach - a proper approach to convert valuable sugar by combining a process optimisation with suitable product incorporation to obtain a systematic dosage in split manner for optimum product performance.
- Technical Support Team - Dedicated technically

strong team works onsite to establish a systematic scientific approach and proper data mining cum observations

- On-site in-depth analysis - Timely gap analysis to ensure product & optimised process performance
- State-of-the-art Laboratory Support - Time-course analysis of samples via advanced scientific instruments and in-depth parameters analysis like HPLC (High Performance Liquid Chromatography) for accurate analysis and complete profiling of different sugars and volatile acid

