

Sugar Mill Biocide

- Carbocide DTC40 and Carbocide DTC11 is a biocide fermentation inhibitor for sugar mill sanitation.

Functionality:

- ✓ Highly effective as an antimicrobial agent against a wide range of microorganisms, bacteria, fungi, bacterial spores, algae and viruses.
- ✓ Control biological growth in cane juice.
- ✓ Exhibits excellent antimicrobial activity, showing a rapid rate of extermination.
- ✓ Prevents sugar losses by avoiding inversion caused by leuconostoc bacteria.
- ✓ Sanitizes the mill process.
- ✓ Maintains purity of cane juice.
- ✓ Cost-effective and eco-friendly.

Application:

Surface and instrument disinfection in preservation vessels, microbiological control of industrial processes (sugar mill, water treatment, oil and gas exploration) and sanitation Chemical and odor control baths.

Feasibility study:

Effectiveness test of FF-50 on microbial activity by EN1040/1275

ORGANISM	CONTACT TIME (min)	MINIMAL INHIBITORY CONC. (ml/L)
Pseudomonas aeruginosa	5	2.0
	30	1.0
Staphylococcus aureus	5	10
	30	<125
Candida albicans	5	10
	30	5
Aspergillus Niger (sporas)	5	<320
	30	320

Process Diagram:

