

# Sugar Mill Biocide



## Effective & Powerful

**BIORID™ DTC** is the most effective biocide for control of a wide range of troublesome sugar-reducing bacteria (Leuconostic species), fungi and yeast in sugar mills. It helps in overall reduction of sugar losses thereby improving recovery of sugar.

**BIORID™ DTC** is a synergistic blend of sodium salts of dimethyldithiocarbamate and ethylene-bis-dithiocarbamate. These compounds have extensive history of use in sugar mills due to several advantages.

**BIORID™ DTC** is fed directly into the juice collectors of mill tandems by gravity or chemical metering pumps. Typical dosage is 10 ppm (10 kg per 1000 MT cane crushed). The total dosage should not exceed 20 ppm. Information on mill design is helpful in determining the dosage points. Frequently, the dosage is split between the crusher juice and the juice from the last mill tandem. Application of **BIORID™ DTC** at 2 ppm dosage just before fibrizer gives good results by preventing sugar losses in primary juice at the 1st mill tandem. Use of **BIORID™ DTC** does not replace good housekeeping. Please consult your sales representative or call +1-850-575-0921 before using **BIORID™ DTC**. Use of personal protective equipment is required when handling this product. Refer to MSDS for safety information.

**BIORID™ DTC** is compliant with US FDA regulations cited in Title 21 for control of microorganisms in cane-sugar and beet-sugar mills.

- ✓ **Broad-Spectrum Biocide** effective against bacteria, fungi, yeast and mold.
- ✓ **Effective against both anaerobic and aerobic bacteria.**
- ✓ **Effective against thermophilic and mesophilic bacteria.**
- ✓ **Effective against lactic acid producing bacteria.**
- ✓ **Effective across wide pH range.**
- ✓ **Prolonged duration of action.**
- ✓ **Economical to use.**
- ✓ **Kills microbes and prevents inversion of sucrose.**
- ✓ **Stops production of dextrans and gums.**
- ✓ **Non-corrosive to metal parts.**

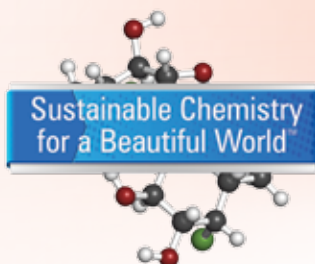
Typical Properties*	Details
Activity	30.0-33.2%
Sodium Dimethyldithiocarbamate	15.0-16.6%
Disodium Ethylene-Bis-Dithiocarbamate	15.0-16.6%
pH	10.5-12.4
Appearance	Yellow-Green Liquid
Specific Gravity	1.17 (± 0.1)

\* Subject to change for custom products.

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Specialty Products of America  
3191 West Tharpe Street  
Tallahassee, FL 32303, USA  
+1-850-575-0921 Fax: +1-850-270-6899  
[specialtyproductsofamerica.com](http://specialtyproductsofamerica.com)



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