



FCT Water Treatment

TYPE: LIQUID

Antimicrobial Biocide

DOW 7287

General Description

Antimicrobial 7287 is a 20 % solution of 2,2-Dibromo-3-nitrilopropionamide (DBNPA). It is a fast acting, non-oxidizing based material. Excellent performance in controlling slime forming bacteria, particularly Aerobic bacteria in recirculating cooling water systems, air-washers, oil recovery, reverse osmosis and metal working fluids. Effective on sulfate reducers. As an Al-gaeicide, higher doses required.

Benefits

- Effective on Bio-Film.
- Chemically compatible with most common scale and corrosion inhibitors and dispersants.
- Excellent synergy with Halogens, i.e., Bromine / Chlorine.
- Fast acting, kills quickly, unlike other Non-Oxidizers.
- Outstanding Environmental and Discharge properties.
- Very low use cost material due to its low federate.

Feedrate

- Slug Dose

Initial Dose

- 0.6 – 1.2 fluid ounces per 1,000 gallons of water in system.

Subsequent Dose

- 0.3 – 1.2 fluid ounces per 1,000 gallons of water in system.

Physical Properties

Physical Properties	Values
DBNPA, min %	20.0 %
Specific gravity (20 C)	1.20 - 1.30
pH	1.50 – 5.0
Solubility in water	Complete

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