

# BIO-SOURCE, INC.

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## Product Data Sheet

### Antimicrobial 8536

#### Description :

Antimicrobial 8536 is a 5 % 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 and metal working fluids. Effective on sulfate reducers. As an Algacide, 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 feedrate

**Feedrate :** Slug Dose

**Initial Dose :** 2.4 – 4.8 fluid ounces per 1,000 gallons of water in system.

**Subsequent Dose :** 1.2 - 4.8 fluid ounces per 1,000 gallons of water in system.

#### Properties :

DBNPA, min %	5.0 %
Specific gravity ( 20 C )	1.134
pH	1.50 – 5.0
Solubility in water	Complete