



ASHAION® BIO 250 N

High-Performance Non-Oxidizing Biocide

Fast-acting microbiological control for industrial water systems

Product Overview

ASHAION® BIO 250 N is a high-efficiency, non-oxidizing biocide developed for use in cooling towers, pasteurizers, air washers, and closed-loop systems. It rapidly controls bacteria, algae, and fungal growth, helping maintain system efficiency, reduce corrosion, and prevent biofilm formation.

Key Features & Benefits

- ✓ Broad-Spectrum Activity – Effective against bacterial, algal, and fungal contamination
- ✓ Fast Biocidal Action – Rapid knockdown of microbial growth
- ✓ Non-Oxidizing Chemistry – Gentle on system metals and materials
- ✓ pH Stable – Remains effective across a wide pH range
- ✓ Compatible with Treatment Regimes – Can be dosed alongside most water treatment chemicals
- ✓ Easy to Use – Fully water-soluble and requires no premixing

Applications

- Cooling Towers – Open and closed loop
- Food & Beverage Plants – Pasteurizers and chillers
- Air Washers & HVAC Systems – Prevent microbial fouling and odor
- Industrial Process Water Systems – General microbial control

Typical Properties

Property	Value
Appearance	Clear to pale yellow liquid
Active Content	DTC – 20%
pH (Neat)	6.0 – 7.5
Solubility	Completely water soluble
Specific Gravity	1.02 – 1.05 @ 25°C

Packaging & Shelf Life

- Packaging: 50 kg HDPE carboys / 200 kg drums / IBCs
- Shelf Life: 12 months in sealed containers under standard storage conditions
- Storage: Store in a cool, dry place away from direct sunlight

Dosing Guidelines

- Initial Dose: 100 – 200 ppm (depending on contamination level)
- Maintenance Dose: 50 – 100 ppm
- Consult your Asha Resins representative for site-specific dosing support.

Safety & Handling

- Use appropriate PPE (gloves, goggles)
- Avoid contact with eyes and skin
- Refer to MSDS before use

Why Choose ASHAION® BIO 250 N?

- ✓ Proven performance across industries
- ✓ Manufactured by Asha Resins Limited – an ISO 9001:2015 certified company
- ✓ Supported by expert technical and after-sales support

For Bulk Orders & Technical Assistance:

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