



ASHAION® BIO 251 GL

Fast-Acting Non-Oxidizing Biocide for Cooling Systems & Air Washers

Product Overview

ASHAION BIO 251 GL is a high-performance, non-oxidizing biocide specially formulated to combat microbial growth, including Legionella pneumophila, sulfate-reducing bacteria (SRB), and biofilm formation in industrial and commercial water systems. Its dual-action composition provides rapid disinfection and long-lasting microbial control, making it ideal for use in air washers, cooling towers, and recirculating systems.

Key Benefits

- ✓ Effective Against SRB, Legionella & Biofilm
- ⚡ Fast-Acting with Long-Lasting Control
- 💧 Water-Soluble & Easy to Dose
- 🔧 Compatible with Most Water Treatment Programs
- 🌱 Reduces Fouling, Enhances System Efficiency

Applications

- 🌀 Air Washers
- ❄️ Cooling Towers (Open & Closed Loop)
- 🔄 Recirculating Industrial Water Systems
- 🏢 HVAC Systems in Commercial Buildings
- 💧 Water Storage Tanks with Risk of Bacterial Growth

Technical Specifications

Property	Typical Value
Appearance	Clear to pale yellow liquid
Odor	Slight pungent
pH (as supplied)	3.0 – 5.0
Specific Gravity @ 25°C	1.03 – 1.06
Solubility	Completely miscible in water
Active Ingredients	Glutaraldehyde, Isothiazolinone Blend
Packaging	30 kg / 50 kg / 200 kg HDPE Drums; 1000 L IBCs

Dosage & Usage

Shock Dose: 100–200 ppm

Maintenance Dose: 50–100 ppm weekly

Dose directly into the system using a chemical dosing pump or manually into the return line.

Safety & Handling

- Use gloves and protective gear while handling.
- Avoid direct contact with skin and eyes.
- Refer to MSDS before use.
- Store in a cool, dry, and ventilated space away from direct sunlight.

Why Choose ASHAION BIO 251 GL?

Asha Resins Limited brings decades of experience in water treatment chemicals. Our biocides are formulated with precision, backed by research, and optimized for real-world industrial applications.

For bulk inquiries, technical consultation, or OEM partnerships:

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