



PRODUCT BROCHURE / SALES SHEET

Product Name: ASHAION® BIO 253 GP

Category: Non-Oxidizing Biocide

Applications: Cooling Towers, Pasteurizers, Air Washers

Brand: ASHAION® by Asha Resins Limited

Overview

ASHAION® BIO 253 GP is a next-generation non-oxidizing biocide formulated for industrial water treatment systems. With a powerful blend of glutaraldehyde and polymeric quats, it delivers fast and effective microbial control—safeguarding your systems from bacteria, algae, fungi, and biofilm buildup.

Key Benefits

- Fast Action: Rapid kill rate against a broad spectrum of microorganisms.
- Biofilm Control: Breaks down existing biofilm and prevents reformation.
- Versatile Usage: Works effectively across cooling towers, pasteurizers, and air washers.
- Non-Oxidizing: Safe for metal surfaces and compatible with most system components.
- Low Dosage, High Performance: Economical in long-term operations.

Technical Specifications

Property	Specification
Appearance	Clear to pale yellow liquid
Odor	Mild aldehydic
pH (as supplied)	3.0 – 6.0
Specific Gravity	1.02 – 1.08 @ 25°C
Solubility	Completely soluble in water
Shelf Life	12 months in sealed condition

Applications

- Industrial Cooling Towers

- Closed-loop and Open-loop Circuits
- HVAC Systems & Air Washers
- Pasteurizers in Food & Beverage Units

Packaging Availability

- 35 kg HDPE Carboys
- 200 kg HDPE Drums

(Custom packaging options available on request)

Dosing Guidelines

- Shock Dose: 100–150 ppm
 - Maintenance Dose: 40–80 ppm weekly
- (Dosage to be optimized based on water analysis and system conditions)

Handling & Safety

- Use gloves, goggles, and mask while handling
- Avoid contact with eyes, skin, and clothing
- Refer to MSDS for full safety guidance

Why Choose ASHAION® BIO 253 GP?

- Backed by 25+ years of chemical manufacturing expertise
- Manufactured under ISO 9001:2015 certified quality systems
- Proven performance in varied industrial conditions
- Trusted by over 250 industrial clients

Contact Us

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