



ASHAION® BIO 254 Q

Non-Oxidizing Biocide for Industrial Water Treatment

Controls Bacteria, Algae & Fungi in Open Systems

Product Overview

ASHAION® BIO 254 Q is a premium-grade non-oxidizing biocide designed for use in industrial cooling towers and open-loop water treatment systems. With its powerful blend of polyquaternary compounds and isothiazolinones, it delivers long-lasting protection against bacterial, algal, and fungal growth—ensuring clean, efficient, and reliable system performance.

Key Benefits

- Broad-spectrum control of microorganisms
- Non-foaming and highly stable
- Compatible with most water treatment programs
- Effective within pH range: 6.5 to 8.5
- Reduces system fouling and biofilm formation
- Suitable for continuous or shock dosing

Applications

- Open cooling towers
- Chillers & HVAC systems
- Recirculating water loops
- Paper mills, refineries, and chemical plants
- Industrial water storage tanks

Technical Specifications

| Parameter | Specification |
|--------------------|-----------------------------|
| Appearance | Clear to pale yellow liquid |
| pH (as supplied) | 5.5 – 6.5 |
| Solubility | Fully miscible in water |
| Specific Gravity | 1.02 ± 0.02 @ 25°C |
| Active Ingredients | Polyquats, Isothiazolinones |

Shelf Life

12 months in sealed condition

Packaging Options

- 50 kg HDPE Drums
- 200 kg HDPE Drums
- Customized packaging available on request

Recommended Dosage

- Shock Dosing: 100–200 ppm
 - Maintenance Dose: 50–100 ppm weekly or as required
- (Dosing depends on microbial load and system design. Technical consultation is advised.)

Handling & Safety


- Use appropriate PPE (gloves, goggles)
- Avoid direct contact with skin or eyes
- Refer to MSDS for detailed safety information

Contact Us

Asha Resins Limited

1232, Bhawani Peth, Palki Vithoba Chowk, Pune – 411042

 sales@asharesins.com |  +91 70282 00892

 www.asharesins.com