



# ASHAION® BIO 321 GL

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## *Fast-Acting Non-Oxidizing Biocide for RO Systems*

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### **Product Overview**

ASHAION® BIO 321 GL is a premium, fast-acting non-oxidizing biocide formulated for microbial control in Reverse Osmosis (RO) systems. It effectively eliminates bacteria, fungi, and algae, reducing biofouling and extending membrane life. Ideal for industrial and commercial water treatment applications.

### **Key Features & Benefits**

- ✓ Broad-spectrum control against bacteria, fungi, and algae
- ✓ Prevents biofilm formation on membrane surfaces
- ✓ Compatible with most polyamide RO membranes
- ✓ Fast action with minimal downtime
- ✓ Reduces frequency of membrane cleaning
- ✓ Non-oxidizing – safe for long-term system health

### **Applications**

- Reverse Osmosis (RO) and Ultrafiltration (UF) Systems
- Food & Beverage Industry
- Pharmaceutical Water Systems
- Cooling Tower Feedwater
- Industrial Process Water Treatment

### **Usage & Dosing**

- Dosage Range: Typically 50–200 ppm depending on system contamination
- Application Method: Continuous or intermittent dosing through dosing pump
- Frequency: As required, based on microbial monitoring and system

condition

- Compatibility: Safe for use with polyamide RO membranes (consult membrane supplier if in doubt)

### **Packaging Available**

- 5 L, 25 L, and 50 L HDPE containers

### **Safety & Handling**

- Always use personal protective equipment (gloves, goggles)
- Avoid contact with eyes and skin
- Store in a cool, dry place away from direct sunlight
- Refer to MSDS before use

### **Storage & Shelf Life**


- Storage Conditions: Store in original, tightly closed containers
- Shelf Life: 12 months from date of manufacture under recommended conditions

### **Why Choose ASHAION® BIO 321 GL?**

- ✓ Consistent Quality from a Trusted Indian Manufacturer
- ✓ Proven Performance in Diverse Industries
- ✓ Backed by Technical Support from Asha Resins Limited

### **For Bulk Orders or Technical Support**

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