



## ASHAION® BIO 252 DB







### Non-Oxidizing Biocide

Fast-Acting | Broad-Spectrum | Environmentally Friendly

#### Product Overview

ASHAION BIO 252 DB is a premium non-oxidizing biocide formulated for the effective control of bacteria, algae, and fungi in industrial water systems. With rapid action and excellent efficacy across a broad pH range (6–9), it ensures system cleanliness, reduces biofilm formation, and prevents microbiologically influenced corrosion (MIC).

#### Key Features

-  Broad-spectrum activity: Controls bacteria, algae, and fungi
-  Fast kill rate with quick degradation
-  Ideal for recirculating and closed-loop systems
-  Compatible with most water treatment chemicals
-  Environmentally responsible – breaks down rapidly in water
-  Suitable for continuous or shock dosing applications

#### Applications

- - Industrial cooling towers
- - Process water & utility systems
- - Air washers and scrubbers
- - Paper & pulp industry
- - Breweries and beverage plants (non-contact systems)
- - RO, ETP, and STP pre-treatment systems

#### Technical Data

Parameter	Specification
Appearance	Clear to pale yellow liquid
pH (as supplied)	3.5 – 4.5
Specific Gravity	1.01 – 1.05
Solubility	Completely miscible in water
Flash Point	>93°C (Non-flammable)
Shelf Life	12 months (sealed, cool storage)

### Dosing Guidelines

Initial Dose: 100–200 ppm (shock dose)

Maintenance: 50–100 ppm periodically based on system analysis

Application Method: Direct injection into the water line or reservoir

\*Note: Always consult a technical expert or refer to the Application Manual for system-specific dosing.\*

### Packaging Options

- - 30 kg HDPE carboys
- - 200 kg HDPE drums
- - Custom packaging available on request

### Safety & Handling

- - Use personal protective equipment (PPE)
- - Avoid direct contact with skin and eyes
- - Refer to the Safety Data Sheet (SDS) before use



### Why Choose ASHAION BIO 252 DB?

With its fast-acting biocidal action and strong compatibility with water systems, ASHAION BIO 252 DB helps reduce downtime, extend system life, and improve operational efficiency — making it the trusted choice for industrial water treatment professionals.

 Manufactured by:

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