



TECHNICAL DATA SHEET (TDS)

Product Name: ASHAION® BIO 320 DB

Product Type: Non-Oxidizing Biocide

Application: Slime Removal from Membrane Systems

Product Description

ASHAION® BIO 320 DB is a high-performance, non-oxidizing biocide specifically designed for the effective control and removal of slime-forming microorganisms in membrane systems. It helps maintain membrane performance, extends system life, and improves operational efficiency by effectively penetrating and dispersing biofilms and microbial colonies.

Key Features & Benefits

- - Fast-acting and effective against a broad spectrum of microorganisms
- - Compatible with most membrane types including polyamide and cellulose acetate
- - Reduces fouling, ensuring longer membrane life and reduced downtime
- - Non-oxidizing nature ensures minimal impact on membrane integrity
- - Ideal for use in both online and offline membrane cleaning procedures

Applications

- - RO and UF membrane systems in industrial and commercial water treatment
- - Pre-treatment systems in water purification setups
- - Effective in systems prone to biofilm development or microbial contamination

Usage Guidelines

- Should be used under the guidance of a water treatment specialist
- Dosing frequency and quantity depend on system design and fouling level
- Suitable for shock dosing during membrane cleaning cycles

Handling & Safety

- Use protective gloves, goggles, and clothing while handling
- Avoid direct contact with skin or eyes
- Ensure adequate ventilation in usage areas

- Refer to the Safety Data Sheet (SDS) for detailed safety and first-aid information

Storage & Shelf Life

- Store in a cool, dry, and well-ventilated place away from direct sunlight
- Keep container tightly closed when not in use
- Shelf life: 12 months from the date of manufacture in original sealed packaging