



Technical Data Sheet (TDS)

Product Name: ASHAION® BD 260

Product Type: Bio Dispersant

Application Area: Cooling Towers, Heat Exchangers, Industrial Water Systems

1. Product Description

ASHAION® BD 260 is a specially formulated bio dispersant designed to effectively remove microbiological slime and biofilms from cooling water circuits, heat exchangers, and other water-contact surfaces. It enhances the performance of both oxidizing and non-oxidizing biocides by improving their contact and penetration into biological growths.

2. Key Features & Benefits

- - Effectively disperses biofilms and microbiological slime
- - Enhances biocide efficacy
- - Improves heat transfer efficiency by keeping surfaces clean
- - Non-foaming and compatible with a wide range of treatment programs
- - Easy to dose and compatible with automation

3. Typical Properties

Parameter	Value
Appearance	Clear to slightly hazy liquid
Color	Colorless to pale yellow
pH (as is)	6.0 – 8.5
Specific Gravity @ 25°C	1.01 – 1.05
Solubility in Water	Completely miscible
Odor	Mild
Shelf Life	12 months under recommended storage

4. Applications

- - Cooling towers and condenser water systems
- - Heat exchangers in HVAC and industrial setups
- - Recirculating and once-through cooling systems
- - Can be used in both open and closed-loop systems

5. Dosage & Feeding

Typical dosage: 50–200 ppm, depending on system contamination and slime load

For shock treatment: up to 500 ppm may be used

Should be added directly to the system basin or ahead of the area where biofilm removal is desired

For best results, use in combination with a suitable biocide program

6. Handling & Storage

- - Store in a cool, dry, and well-ventilated place
- - Avoid freezing and direct sunlight
- - Keep container tightly closed when not in use
- - Use appropriate PPE while handling

7. Safety & Precautions

Avoid contact with eyes and prolonged skin exposure

In case of contact, rinse thoroughly with water

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

8. Packaging

Available in 50 kg HDPE drums and 200 kg barrels

Custom packaging options available on request

9. Regulatory Information

Complies with industrial water treatment norms

Does not contain heavy metals, aldehydes, or formaldehyde-releasing agents

10. Disclaimer

Information given is based on our current knowledge and experience. It does not constitute a legally binding assurance of specific product properties or suitability for a particular purpose. Always consult your water treatment expert before use.