



PRODUCT BROCHURE / SALES SHEET

ASHAION® SD 220 – Scale Dispersant

Advanced Threshold Inhibitor for Cooling Water Systems

Product Overview

ASHAION® SD 220 is a high-performance scale dispersant specially formulated to prevent and control calcium carbonate (CaCO_3) scaling in open recirculating cooling systems. With powerful dispersing and threshold inhibition properties, it ensures uninterrupted heat exchange performance and extends the service life of system components.

Key Features & Benefits

- Effectively inhibits CaCO_3 and other common inorganic scale deposits
- Excellent dispersing action for suspended solids and precipitates
- Maintains cleanliness of cooling tower and condenser surfaces
- Compatible with chlorine and other water treatment chemicals
- Performs reliably over a wide range of pH and temperatures
- Reduces cleaning frequency, maintenance downtime, and operating costs

Recommended Applications

- Industrial cooling towers
- Recirculating chillers and heat exchangers
- HVAC systems in commercial complexes
- Power plants and petrochemical units

Typical Properties

Property	Value
Appearance	Clear to pale yellow liquid
pH (as supplied)	2.0 – 3.5
Specific Gravity @ 25°C	1.10 ± 0.05
Solubility	Completely soluble in water
Odor	Mild

Dosing & Usage Guidelines

Dose typically ranges from 10 to 50 ppm depending on system water chemistry and severity of scaling. For optimal results, consult with an Asha Resins technical representative.

Packaging Options

- 30 kg and 50 kg HDPE drums
- 200 kg HDPE barrels
- 1000 L IBC tanks (on request)

Storage & Handling

- Store in a cool, dry place away from direct sunlight
- Shelf life: 12 months from the date of manufacture
- Handle with PPE (gloves, goggles). Avoid direct contact with skin and eyes

Why Choose ASHAION® SD 220?


- Reliable performance backed by years of water treatment experience
- Consistent quality and batch-to-batch stability
- Supported by experts from Asha Resins' technical team
- Economical and effective for large-scale industrial applications

Contact Us

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