



TECHNICAL DATA SHEET

ASHAION® SD 220 – Scale Dispersant

Product Description:

ASHAION® SD 220 is a high-performance scale dispersant designed specifically for open recirculating cooling water systems. It acts as a threshold inhibitor and effectively prevents scale formation, especially calcium carbonate (CaCO_3) deposits. It also aids in the dispersion of precipitated salts, maintaining system efficiency and cleanliness.

Key Features & Benefits:

- Excellent inhibition of CaCO_3 and other inorganic scales
- Superior dispersing properties for suspended solids
- Compatible with other cooling water treatment chemicals
- Helps maintain heat exchange efficiency and reduce maintenance downtime
- Effective over a wide pH and temperature range

Applications:

- Open recirculating cooling systems
- Industrial heat exchangers, chillers, and condensers
- HVAC cooling towers

Typical Properties:

Parameter	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

Dosage Guidelines:

Typical dosage ranges from 10 to 50 ppm, depending on system operating conditions, water quality, and scaling tendency. Your Asha Resins representative can help determine the optimal dosage for your system.

Handling & Safety:

Use appropriate PPE such as gloves and safety goggles. Avoid contact with skin and eyes. In case of contact, rinse thoroughly with water. For full safety information, refer to the product's MSDS.

Storage & Shelf Life:

- Store in a cool, dry, and well-ventilated area
- Avoid direct sunlight and freezing temperatures
- Shelf life: 12 months from the date of manufacture in sealed containers

Packaging:

- 30 kg, 50 kg HDPE drums
- 200 kg HDPE barrels
- 1000 L IBCs (on request)

Regulatory Information:

This product complies with industry-standard water treatment norms. Contact technical support for documentation and certifications.

Manufacturer Contact:

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