



TECHNICAL DATA SHEET

Product Name: ASHAION SC 231 CT

Category: Scale & Corrosion Inhibitor

Application: HVAC Condenser Water Treatment – Commercial / Industrial Cooling Systems

1. Product Description

ASHAION SC 231 CT is a high-performance scale and corrosion inhibitor specifically formulated for closed and open-loop HVAC condenser water systems. It offers comprehensive protection against both scale formation and corrosion in commercial and industrial cooling water circuits, extending the life of critical equipment and reducing operational costs.

2. Key Features & Benefits

- - Prevents scale formation on condenser surfaces
- - Controls corrosion on ferrous and non-ferrous metals
- - Compatible with a wide range of HVAC system materials
- - Effective over a broad range of water chemistries
- - Minimizes downtime and maintenance frequency

3. Applications

- - Central air conditioning systems
- - Industrial water-cooled chillers
- - Commercial HVAC condenser loops
- - Process cooling circuits

4. Typical Properties

Parameter	Value
Appearance	Clear to pale yellow liquid
pH (as supplied)	2.5 – 4.5
Specific Gravity @ 25°C	1.10 ± 0.05
Solubility	Completely soluble in water

Odor

Mild

5. Dosage & Usage

The typical dosage ranges from 50–150 ppm, depending on system makeup water quality and operating conditions. Exact dosage should be determined based on system volume, water characteristics, and technical consultation.

6. Handling & Safety

- - Use personal protective equipment (gloves, goggles) during handling.
- - Avoid contact with skin and eyes.
- - In case of contact, rinse thoroughly with clean water.
- - Refer to Safety Data Sheet (SDS) for complete safety instructions.

7. Packaging

HDPE drums: 30 kg / 50 kg / 200 kg

IBC tank: 1000 L (on request)

8. Storage & Shelf Life

Store in a cool, dry place away from direct sunlight.

Shelf life: 12 months from the date of manufacture in original, sealed containers.

9. Compliance


Formulated in accordance with standard water treatment practices for industrial HVAC systems.

Non-toxic when used as directed.

10. Technical Support

For detailed system-specific dosing, service programs, or to request a field representative visit, contact:

 sales@asharesins.com

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