ASHA Resins Limited
(Formerly known as Asha Resins Private Limited)

TECHNICAL DATA SHEET (TDS)

Product Name: ASHAION® EA 350

Product Type: Evaporator Antiscalant

Application: Multiple Effect Evaporators (MEE) and other industrial evaporator systems

Product Description

ASHAION® EA 350 is a high-performance evaporator antiscalant designed to control a wide range of scale-forming compounds, including calcium, magnesium, silica, and iron-based scales. It ensures optimal heat transfer and extends cleaning intervals in MEE and evaporator systems used across various industries such as sugar, distillery, textile, and chemical manufacturing.

Key Features & Benefits

- Effectively prevents scale formation in evaporators and MEE systems

- Reduces downtime due to scaling-related cleaning

- Enhances system efficiency and heat transfer performance

- Compatible with a wide range of water chemistries

- Minimizes maintenance costs and extends equipment life

Typical Properties

Parameter	Value
Appearance	Clear to slightly hazy liquid
pH (as supplied)	6.0 – 8.0
Specific Gravity @ 25°C	1.05 – 1.15
Solubility	Completely soluble in water
Odour	Mild characteristic odour

Application Areas

- Multiple Effect Evaporators (MEE)

- Falling film evaporators

- Forced circulation evaporators

- Thermal evaporators in sugar, distillery, and ETP/ZLD systems

Dosing Guidelines

Typical dosage: 10–50 ppm depending on feedwater quality and scaling potential.
Precise dosage should be determined based on laboratory analysis or site trials.

Handling & Safety

- Use personal protective equipment (PPE) including gloves and safety goggles

- Avoid contact with eyes and prolonged skin exposure

- In case of contact, rinse immediately with plenty of water

- Refer to the Material Safety Data Sheet (MSDS) for complete safety information

Storage & Shelf Life

Store in a cool, dry place away from direct sunlight.
Keep container tightly closed when not in use.
Shelf Life: 12 months from the date of manufacture in sealed original containers.

Packaging

Available in 30 kg, 50 kg HDPE drums and 200 kg barrels.

Note

For best performance, consult our technical team for system-specific dosage recommendations and compatibility checks.