



TECHNICAL DATA SHEET

Product Name: ASHAION® A 110

Product Type: Antiscalant

Application Area: Boiler Water Treatment

Product Description:

ASHAION® A 110 is a high-performance antiscalant specifically formulated to prevent scale formation inside boilers. It works by inhibiting the crystallization and precipitation of hardness-forming salts such as calcium and magnesium, ensuring efficient boiler operation and prolonged equipment life.

Key Features & Benefits:

- Effectively controls scale deposits in boiler systems
- Inhibits crystallization of calcium and magnesium salts
- Enhances heat transfer efficiency and reduces maintenance downtime
- Compatible with a wide range of boiler feedwater chemistries
- Stable under high-temperature boiler conditions

Typical Applications:

- Industrial steam boilers
- High-pressure boilers in power plants
- Process boilers in sugar, textile, and chemical industries
- Suitable for use in both low and medium TDS feedwaters

Physical Properties:

Property	Value
Appearance	Clear to slightly hazy liquid
Color	Colorless to pale yellow
Odor	Mild

pH (as is)	2.5 – 3.5
Specific Gravity @ 25°C	1.10 ± 0.05
Solubility	Completely miscible in water

Usage & Dosage:

The exact dosage of ASHAION® A 110 depends on the feedwater quality and boiler operating conditions. Typical dosage ranges between 5 to 50 ppm in the feedwater. For optimal results, consult your technical service representative.

Handling & Safety:

- Use appropriate personal protective equipment (PPE) such as gloves and goggles while handling.
- Avoid contact with skin and eyes.
- In case of contact, rinse thoroughly with water and seek medical attention if irritation persists.
- Refer to the Safety Data Sheet (SDS) for detailed handling and first aid information.

Packaging:

ASHAION® A 110 is available in 30 kg HDPE carboys and 200 kg HDPE drums. Customized packaging available on request.

Storage:

Store in a cool, dry, and well-ventilated area. Protect from direct sunlight and extreme temperatures. Shelf life: 12 months from the date of manufacture in unopened original containers.

Disclaimer:

The information provided in this TDS is based on our current knowledge and experience. It is offered in good faith but without guarantee. Users are advised to conduct their own tests to determine the product's suitability for their specific applications.