



ASHA Resins Limited

(Formerly known as Asha Resins Private Limited)

TECHNICAL DATA SHEET

Product Name: ASHAION SC 120

Product Type: Scale & Corrosion Inhibitor

Application Area: Medium Pressure Boilers

Product Description:

ASHAION SC 120 is a high-performance scale and corrosion inhibitor formulated to protect medium pressure boilers from scale deposition and corrosion. It functions effectively under varying feed water conditions and ensures extended boiler life and improved heat transfer efficiency.

Key Features & Benefits:

- Dual Action Formula: Prevents both scaling and corrosion.
- Phosphate-Polymer Blend: Ensures superior protection in medium pressure systems.
- Dispersant Action: Helps in removing existing deposits and preventing sludge formation.
- Reduces Downtime: Minimizes boiler cleaning frequency and increases operating efficiency.
- Compatible with Feedwater Treatment Programs: Can be integrated into standard chemical treatment regimens.

Applications:

- Ideal for use in medium pressure boiler systems operating below 40 bar.
- Suitable for industrial boilers in sugar mills, textile units, chemical plants, and food processing industries.
- Recommended for systems utilizing hard makeup water with moderate levels of dissolved solids.

Usage & Dosage:

The dosage depends on feed water characteristics and boiler operating parameters.

Typically dosed online via a dosing pump.

Exact dosage should be determined based on water analysis and system requirements under the guidance of a water treatment specialist.

Physical & Chemical Properties:

Parameter	Value
Appearance	Clear to pale yellow liquid
pH (as supplied)	10.0 – 11.5
Specific Gravity @ 25°C	1.10 ± 0.05
Solubility	Completely soluble in water

Storage & Handling:

Store in a cool, dry, and well-ventilated area.

Keep container tightly closed when not in use.

Avoid contact with skin and eyes. Use appropriate PPE while handling.

Shelf Life: 12 months from the date of manufacture in unopened containers.

Packaging:

Available in 35 kg / 50 kg HDPE drums.

Custom packaging available on request.

Disclaimer:

The information contained in this document is based on our current knowledge and experience. It does not constitute a guarantee for specific product features or establish a legally binding contract. Product use must always be adapted to the specific circumstances and water chemistry of the system.