



ASHAION® SC 121 P

Scale & Corrosion Inhibitor (Powder)

Powerful Protection for High-Pressure Boilers

Product Overview

ASHAION SC 121 P is a high-performance powdered formulation designed to effectively prevent scale formation and control corrosion in high-pressure boiler systems. It works by dispersing hardness salts, regulating pH levels, and forming a protective barrier against corrosion – ensuring longer equipment life and optimal thermal efficiency.

Key Benefits

- ☒ Prevents Scale Formation: Inhibits precipitation of calcium and magnesium salts even at high pressures and temperatures.
- ☒ Corrosion Protection: Maintains alkaline pH and prevents acidic corrosion of internal surfaces.
- ☒ Efficient & Cost-effective: Long-lasting impact with low dosage requirement.
- ☒ Safe Powder Format: Easy to handle, store, and dose compared to liquid alternatives.
- ☒ Compatible: Works well with other water treatment chemicals.

Applications

- Thermal power plants
- Sugar mills
- Process industries
- Steam generators in textile and food sectors
- All high-pressure boiler systems requiring internal treatment

Typical Properties

Parameter	Value
Appearance	Free-flowing white powder
pH (1% solution)	10.0 – 11.5

Solubility	Fully soluble in water
Bulk Density	0.75 – 0.90 g/cm ³
Packaging	25 kg HDPE-lined bags (custom on request)

Dosing Guidelines

Dosage: 50–150 ppm depending on feedwater hardness, alkalinity, and boiler pressure.

Method: Dilute in water and feed via a dosing system into the boiler feedwater line or drum.

(For customized dosing, consult our technical team.)

Why Choose ASHAION® SC 121 P?

- ✓ Backed by 25+ years of water treatment expertise
- ✓ ISO 9001:2015 certified manufacturing
- ✓ Trusted by 250+ industrial clients
- ✓ Fast technical support across India

Order & Contact

📦 Available Pack Sizes: 25 kg | Bulk Packaging Options Available

📍 Made in India by:

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