



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

ASHAION® AK 270 – Advanced Alkalinity Controller

Ideal for Cooling Water Systems & Start-Up Descaling

Product Overview:

ASHAION® AK 270 is a high-performance alkaline chemical formulation developed to maintain optimal alkalinity levels in industrial cooling water systems and during descaling procedures. By regulating the pH and alkalinity balance, it prevents corrosion and enhances the performance of associated water treatment chemicals.

Key Features:

- ✓ Stabilizes system alkalinity and pH effectively
- ✓ Prevents acidic corrosion and system fouling
- ✓ Enhances efficiency of water treatment programs
- ✓ Compatible with most scale and corrosion inhibitors
- ✓ Easy to dose and non-foaming

Applications:

- Industrial cooling towers
- Recirculating water systems
- Closed loop chilled water systems
- Pre-commissioning descaling operations

Typical Properties:

Property	Value
Appearance	Clear to slightly hazy liquid

pH (as supplied)	>11.5
Specific Gravity	1.15 ± 0.05
Solubility	Completely miscible in water
Packaging	50 kg HDPE Carboys or Drums

Dosage Guidelines:

- Routine Use: 50–150 ppm depending on system demand
- Descaling Support: Dose as required to maintain pH 9.5–10.5
- *Note: Final dosage should be determined through onsite analysis.*

Safety & Handling:

- Use with appropriate PPE: gloves, goggles, and apron
- Avoid contact with skin and eyes
- Do not mix directly with acids
- Refer to MSDS before use

Packaging & Storage:

- Available in 35 kg and 50 kg HDPE drums
- Shelf life: 12 months from manufacture when stored sealed in a cool, dry place

Why Choose ASHAION® AK 270?

- ✓ Backed by ISO 9001:2015 certified manufacturing
- ✓ In-house R&D and stringent quality checks
- ✓ Excellent technical support from Asha Resins' field team
- ✓ Trusted by industries across India for over 25 years

Get in Touch:

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