



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

ASHAION CT 160

Condensate Treatment (Neutralizing Amine)

Protect Your Steam Lines. Neutralize Acidity. Prevent Corrosion.

Product Overview

ASHAION CT 160 is a premium-grade condensate treatment formulation designed to neutralize acidic condensate in steam systems. It uses a synergistic blend of neutralizing amines—Cyclohexylamine, Morpholine, and Diethylaminoethanol (DEAE)—that volatilize with steam and travel through the system to effectively prevent corrosion and maintain pH stability in condensate return lines.

Key Features

- ✓ Neutralizes acidity in steam condensate
- ✓ Prevents corrosion in steam lines and traps
- ✓ Reduces maintenance costs and system downtime
- ✓ Volatile components ensure wide distribution in steam systems
- ✓ Compatible with steel, copper, and other materials commonly found in boilers

Applications

- Industrial Boilers
- Power Generation Plants
- Pharmaceutical Manufacturing Units
- Food & Beverage Processing
- Commercial & Institutional Boiler Systems

Typical Properties

Parameter	Value
Appearance	Clear to pale yellow liquid
pH (1% Solution)	10.0 – 12.0
Specific Gravity @ 25°C	0.95 – 1.05
Solubility in Water	Completely miscible
Odor	Characteristic Amine-like

Dosage & Feeding

Typical dosage is 5 to 50 ppm, based on system steam load and condensate return conditions. For optimal protection, dosing should be continuous and adjusted based on pH readings and corrosion rate monitoring. Consult our technical team for plant-specific recommendations.

Packaging & Shelf Life

Available Packs: 25 Kg, 50 Kg, and 200 Kg HDPE drums

Shelf Life: 24 months from the date of manufacture when stored in a cool, dry place away from direct sunlight

Why Choose ASHAION CT 160?

- ✓ High-performance corrosion control
- ✓ Effective at low dosages
- ✓ Suitable for all sizes of steam systems
- ✓ Backed by Asha Resins' technical expertise

Contact Us

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