



Technical Data Sheet (TDS)

ASHAION CT 160 Condensate Treatment (Neutralizing Amine)

Product Overview

ASHAION CT 160 is an advanced condensate treatment chemical specifically designed to neutralize acidic condensate formed in steam systems, effectively protecting steam and condensate return lines from corrosion. It utilizes a balanced blend of highly effective neutralizing amines to maintain optimal condensate pH levels.

Key Features

- Rapid neutralization of acidic condensate
- Excellent corrosion inhibition properties
- Enhances longevity of condensate return systems
- Compatible with a wide range of steam system materials
- Easy application and effective at low dosages

Application Areas

- Industrial boilers
- Power plants
- Food processing facilities
- Pharmaceutical industries
- Commercial steam heating systems

Physical and Chemical Properties

Property	Specification
Appearance	Clear to pale yellow liquid
Odor	Amine-like
Specific Gravity (at 25°C)	0.95–1.05
pH (1% Solution)	10.0–12.0
Solubility in Water	Completely miscible
Flash Point	>70°C

Dosing Guidelines

ASHAION CT 160 dosage varies depending on the specific system conditions, steam load, and condensate acidity levels. Typical dosing ranges from 5 to 50 ppm, injected continuously into the steam or condensate system. It is recommended to consult technical support for accurate dosing recommendations tailored to your specific conditions.

Handling and Storage

- Store in a cool, dry, and well-ventilated area.
- Keep away from direct sunlight and heat sources.
- Ensure containers are tightly closed when not in use.
- Recommended storage temperature: 5°C to 35°C.

Packaging

Available in 25 kg, 50 kg, and 200 kg HDPE drums. Custom packaging available upon request.

Shelf Life

24 months from the date of manufacture when stored under recommended conditions.

Safety Precautions

- Avoid direct contact with skin and eyes.
- Use appropriate personal protective equipment (gloves, goggles, face shield).
- Ensure adequate ventilation during handling.
- In case of contact, rinse immediately with plenty of water and seek medical advice if irritation persists.
- Refer to the Material Safety Data Sheet (MSDS) for detailed safety and handling instructions.

Regulatory Information

Ensure compliance with local regulatory requirements when using ASHAION CT 160. The product is designed to meet applicable industrial standards for condensate treatment.

Technical Support

For additional technical assistance, dosing guidelines, or system-specific recommendations, please contact:

Asha Resins Limited

Email: sales@asharesins.com

Phone: +91 70282 00892

Website: www.asharesins.com

Note: The information provided herein is accurate and reliable to the best of our knowledge. However, users should conduct their own tests and evaluations to determine the suitability of the product for specific applications.