



**ASHA Resins Limited**

(Formerly known as Asha Resins Private Limited)

## **ASHAION® OX 134 CZ**

High-Performance Oxygen Scavenger for High-Pressure Boilers

Safer Alternative to Hydrazine | Powerful Passivating Action

### **Product Overview**

ASHAION® OX 134 CZ is a premium carbohydrazide-based oxygen scavenger designed for high-pressure boiler applications. It offers a non-toxic, hydrazine-free solution for effectively removing dissolved oxygen from feedwater and forming a protective magnetite layer on boiler metal surfaces. The product ensures superior corrosion prevention and extends boiler lifespan with minimal environmental and health risks.

### **Key Features**

- ✓ Hydrazine-free – Safer to store, handle & transport
- ✓ Rapid oxygen removal at high temperatures & pressures
- ✓ Forms stable passive magnetite film on boiler surfaces
- ✓ Compatible with other water treatment programs
- ✓ Non-volatile and thermally stable formulation
- ✓ Low toxicity – safe for food industry applications

### **Recommended Applications**

- High-pressure industrial and utility boilers
- Steam generation systems in pharma, textile & paper industries
- Refineries, petrochemicals & power plants
- Food and beverage plants with steam contact operations

## Technical Specifications

Parameter	Specification
Appearance	Clear to pale yellow liquid
pH (1% solution)	8.0 – 10.0
Specific Gravity @ 25°C	1.05 ± 0.02
Solubility in Water	Completely Soluble
Composition	Carbohydrazide + Morpholine Blend

## Dosing Guidelines

Dose 10–15 ppm of ASHAION® OX 134 CZ per ppm of dissolved oxygen in boiler feedwater. To be injected continuously via a dosing pump into the deaerator or feedwater line.

## Packaging Options


- 30 Kg HDPE Drums
- 50 Kg HDPE Drums
- (Custom packaging available on request)


## Safety & Handling

Always use personal protective equipment (PPE). Store in a cool, dry place, away from heat and direct sunlight. Refer to the MSDS for detailed handling instructions.

## Why Choose ASHAION®?

With over two decades of expertise, Asha Resins Limited offers globally compliant, high-purity boiler chemicals under the trusted ASHAION® brand. Our products are manufactured in ISO 9001:2015 certified facilities, backed by strong technical support and nationwide service.

 Made in India | Exported Globally

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