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

TECHNICAL DATA SHEET

Product Name:

ASHAION® OX 131 S – Oxygen Scavenger (Sulfite)

Product Description:

ASHAION OX 131 S is a catalyzed sodium sulfite-based oxygen scavenger specially formulated for the rapid removal of dissolved oxygen in low-pressure boiler systems. The inclusion of a metal catalyst significantly enhances the reaction kinetics, making it ideal for feedwater and condensate systems.

Applications:

- Oxygen removal in low-pressure boilers (up to 20 bar)
- Feedwater deoxygenation
- Protection of boiler tubes from pitting corrosion
- Pre-conditioning of condensate return lines

Key Benefits:

- Fast-acting oxygen removal due to catalytic action
- Reduces metal corrosion and extends boiler life
- Compatible with most water treatment chemicals
- Easy to apply and control
- Helps maintain system efficiency and reduce maintenance downtime

Physical and Chemical Properties:

Parameter	Value
Appearance	Clear to pale yellow liquid
Odour	Slight chemical odor
pH (as supplied)	5.0 – 7.0
Specific Gravity	1.10 ± 0.05 @ 25°C
Solubility in Water	Completely soluble
Freezing Point	Below 0°C
Shelf Life	12 months from date of manufacture in sealed container

Dosage & Feeding:

The required dosage depends on the operating pressure and oxygen content of the feedwater. Typically, ASHAION OX 131 S is dosed at 10–30 ppm depending on system requirements. Always consult with a water treatment specialist for exact dosing.

Handling & Safety:

- Use with proper PPE: gloves, goggles, and protective clothing
- Store in a cool, dry place away from oxidizing agents
- Avoid contact with eyes and prolonged skin exposure
- Refer to MSDS for detailed safety instructions

Packaging:

- 30 kg HDPE drums
- 50 kg HDPE drums
- Custom packaging available on request

Storage & Shelf Life:

Store in original containers in a covered, well-ventilated area. Avoid freezing or prolonged exposure to direct sunlight. Shelf life is 12 months under recommended conditions.

Disclaimer:

The information provided is based on our current knowledge and experience. It does not constitute a warranty or guarantee. Users must verify the suitability of the product for their specific applications under actual operating conditions.