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

Technical Data Sheet (TDS)

Product Name: ASHAION® OX 132 SP

Product Type: Oxygen Scavenger (Powder)

Category: Boiler Water Treatment Chemical

Form: Free-flowing powder

Appearance: White to off-white powder

Odour: Odourless

1. Product Description

ASHAION® OX 132 SP is a high-efficiency powdered oxygen scavenger designed to effectively remove dissolved oxygen from boiler feedwater. It is primarily used for the preservation of dry boiler systems and as part of a regular water treatment program for corrosion prevention. The formulation includes a catalyzed sodium sulfite base for accelerated oxygen removal under low-pressure boiler conditions.

2. Applications

- Dry and wet lay-up of boilers

- Feedwater treatment for low- and medium-pressure boilers

- Industrial process boilers

- Systems requiring dry storage with oxygen control

3. Key Benefits

- Rapid oxygen removal

- Helps prevent corrosion in boiler systems

- Extended equipment life

- Suitable for dry storage and off-season maintenance

- Easy to handle and dose

- Improves reliability and safety of boiler operation

4. Physical & Chemical Properties

Property	Value
Physical State	Powder
Colour	White to off-white
pH (1% Solution)	9.0 – 10.5
Solubility in Water	Completely soluble
Bulk Density	~0.9 – 1.1 g/cm³
Odour	Odourless

5. Dosage & Feeding

The dosage depends on the oxygen content of the feedwater and system conditions.
Typically used at a rate of 10–20 ppm depending on system volume and dissolved oxygen levels.
Should be dosed in the feedwater tank or directly into the feed line.
Contact our technical team for site-specific recommendations.

6. Handling & Storage

- Store in a cool, dry place away from direct sunlight and moisture.

- Keep containers tightly closed when not in use.

- Use personal protective equipment during handling.

7. Packaging

- Available in 25 kg HDPE-lined bags or fibre drums

- Custom packaging available upon request

8. Shelf Life

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

9. Compliance & Safety

Non-toxic under recommended conditions of use

Refer to Material Safety Data Sheet (MSDS) before handling

10. Disclaimer

The data provided above is based on our internal test methods and application experience. Actual results may vary depending on operational conditions. Users are advised to confirm suitability before application.