

Technical Data Sheet (TDS)

ASA-B 920



Chemical Product

Product Name: ASA-B 920

Use: All-in-One boiler treatment

Introduction

ASA-B 900 as All-in-One multifunctional product is designed for complete water treatment in steam boiler systems. It simplifies chemical dosing operations by combining oxygen scavenger, corrosion inhibitor, condensate line pH conditioner, and scale inhibitor into a single, easy-to-use formulation. The product provides comprehensive protection for the boiler, steam lines, and condensate return system.

Advantages:

- Reduces chemical inventory and dosing complexity: Eliminates the need for multiple treatment products
- Simultaneous protection of all system components: Including boiler drum, steam lines, heat exchangers, deaerator, and condensate return lines
- Enhances system performance and extends equipment life: Prevents scale deposition and corrosion damage
- Minimizes maintenance and downtime costs due to cleaner internal surfaces and reduced failures
- Compatible with medium- and high-pressure boilers (typically up to 120 bar)
- Ideal for systems with high steam usage and active condensate return
- Optimizes heat transfer and fuel efficiency by maintaining clean internal surfaces
- Safe for use in various industries such as food, beverage, textiles, and general manufacturing

Dosages:

The dosage varies on the amount of the steam rate and operating conditions. The ASA-B 920 is injected continuously to boiler drums.

Typical Properties

- | | | |
|---------------------------|---|---|
| ➤ Appearance | : | Bright Yellow Liquid |
| ➤ Specific Gravity | : | 1.05-1.10 |
| ➤ Solubility | : | soluble in all proportions of water. |
| ➤ pH | : | > 12 |

PACKAGING

ASA-B 920 is supplied in P.E drums of 200 kg capacity.

Storage

Keep cool, dry ventilated storage and clean containers.

Shelf Life

Two years in closed drums stored under cover and protected from extremes of temperature.

Performance monitoring

The performance of ASA-B 920 can be continuously monitored by corrosion & scale rate.

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