

Technical Data Sheet (TDS)

ASA-B 600



Chemical Product

Product Name: ASA-B 600

Use: DEHA based Oxygen Scavenger



Introduction

The ASA-B 600 is a superior quality DEHA and based oxygen scavenger developed for boiler water treatment. ASA-B 600 can be used as a direct replacement for HYDRAZINE in any boiler up to 125bar without the associated health and safety hazards, and handling precautions. ASA-B 600 is volatile and alkaline, contributing no dissolved solids or ammonia to the boiler system.

Advantages:

- Fast acting, volatile, liquid oxygen scavenger
- Neutralizes acids occurring in condensate system
- Safe and easy to use, low toxicity
- Organic product, no dissolved solids added
- Simple test to determine treatment level
- Reduces corrosion of iron and copper, increasing system life and reliability
- Protects system metals throughout the boiler system
- No toxicity effect



Dosages:

The dosage will vary on the quality of the feed water; usually ASA-B 600 dosage must be injected such that DEHA residual concentration be maintained between 200-800 ppb in boiler and the Oxygen concentration be lower than 7 ppb.



Typical Properties

- | | | |
|---------------------------|---|--|
| ➤ Appearance | : | Colorless to light yellow with amine odor |
| ➤ Specific Gravity | : | 0.90-0.95 |
| ➤ Solubility | : | Soluble in all proportions of water. |
| ➤ pH 10% | : | > 12 |



PACKAGING

ASA-B 600 is supplied in P.E drums of 185 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 600 can be continuously monitored by corrosion rate and measuring the oxygen concentration.

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