

Technical Data Sheet (TDS)

ASA-B 640



Chemical Product

Product Name: ASA-B 640

Use: Aqueous Solution of Amines and Oxygen scavenger for boiler water condensate and Steam Line Treatment



Introduction

The ASA-B 640 is scientifically formulated using a concentrated blend of Neutralizing amines and is designed to inhibit carbonic acid corrosion in steam lines and condensate. Also, the oxygen corrosion in the boiler can be controlled by ASA-B 640 that formulated using Diethyl hydroxylamine (DEHA) as an effective oxygen scavenger and Filming Amine. ASA-B 640 can be used as a direct replacement for Ammonia in any boiler up to 126bar without the associated health and safety hazards, and handling precautions.

Advantages:

- High performance boiler water condensate / steam line treatment.
- Cost effective concentrated blend.
- Formulated using morpholine (MOR).
- Inhibits carbonic acid corrosion in steam lines and condensate systems.
- Convenient liquid product.
- Formulated using DEHA as an effective oxygen scavenger
- Good volatility to go to steam line.



Dosages:

The dosage should be done in such a way that condensate pH maintains between 8.5 and 9.0 and P alkalinity between 0 and 10 ppm. Our technical service will recommend the correct dosage based on operating conditions.



Typical Properties

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|--------------------|---|--------------------------------------|
| ➤ Appearance | : | Colorless Liquid |
| ➤ Specific Gravity | : | 1.04-1.08 |
| ➤ Solubility | : | soluble in all proportions of water. |
| ➤ pH | : | > 11 |



PACKAGING

ASA-B 640 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 640 can be continuously monitored by corrosion rate.

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