

Technical Data Sheet (TDS)

ASA-S 100



Chemical Product

Product Name: ASA-S 100

Use: Corrosion Inhibitor for Closed Systems

Introduction

ASA-S 100 is recommended for the prevention of corrosion and scale in closed recirculating water. It is very effective inhibitor of the corrosion of mild steel, brass, copper, solder and cast iron. ASA-S 100 does not contain any soluble oil and has no effect on plastic/silicone-based materials such as 'O' rings, washers, etc. ASA-S 100 is nitrite based together with organic compounds and has a high pH, which can prevent acid corrosion.

Advantages:

- Excellent corrosion protection for copper and carbon steel.
- Easy application and injection by shock.
- Compatible with oxidizing biocides and Antifreeze chemicals

Dosages:

The ASA-S 100 dosage should be in ranges equivalent to 350-500 ppm NO_2^-

Typical Properties

- | | | |
|--------------------|---|--------------------------------------|
| ➤ Appearance | : | Yellowish to brown |
| ➤ Specific Gravity | : | 1.15-1.20 |
| ➤ Solubility | : | soluble in all proportions of water. |
| ➤ pH 10% | : | > 10 |

PACKAGING

ASA-S 100 is supplied in P.E drums of 250 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-S 100 can be continuously monitored by corrosion rate and corrosion coupons.

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