

Technical Data Sheet (TDS)

ASA-R 300



Chemical Product

Product Name: ASA-R 300

Use: Isothiazolin Non-Oxidizing Biocide for RO Systems



Introduction

ASA-R 300 is a non-ionic Isothiazolin compound micro biocide. It has broad-spectrum effectiveness against bacteria, fungi and algae in industrial cooling water systems operating under highly alkaline conditions

Advantages:

- Broad spectrum effective to control bacteria, fungi and algae.
- Very lower active content to inhibit microbial growth.
- Long contact time, control microbes for longer period.
- Odorless and liquid type, easy to use.
- Effective over a wide pH range of 6-9.



Dosages:

The ASA-R 300 dosage should be done with 5-25 ppm of ASA-R 300 every 14 days or continuously as needed for RO system. The Required dosage for injection repeat depends on microbiological problems on membranes.



Typical Properties

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|--------------------|---|--------------------------------------|
| ➤ Appearance | : | Colorless to greenish liquid |
| ➤ Specific Gravity | : | 1.00-1.02 |
| ➤ Solubility | : | soluble in all proportions of water. |
| ➤ pH 10% | : | 2.0 – 5.0 |



PACKAGING

ASA-R 300 is supplied in P.E drums of 210 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-R 300 can be monitored by Microbial TestKits (SRB or TBC)

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