

Technical Data Sheet (TDS)

ASA-R 350



Chemical Product

Product Name: ASA-R 350

Use: Membrane Cleaner Biocide or Disinfectant

Introduction

ASA-R 350 is a fast-acting, non-oxidizing biocide which is very effective at low concentrations in controlling the growth of aerobic bacteria, anaerobic bacteria, fungi and algae .

ASA-R 350 is an advantageous disinfectant since it also quickly degrades to carbon dioxide, ammonia and bromide ion when in an aqueous environment. This allows the effluent to be safely discharged even in sensitive water bodies.

Advantages:

- Broad spectrum antimicrobial, effectively controlling fungi, yeast, bacteria, and algae.
- Very lower active content to inhibit microbial growth.
- The approximate half-life is 24 hr. at pH 7 and 2 hr. at pH 8, 15 min at pH 9.
- Odorless and liquid type, easy to use.
- Rapid decomposition in aquatic environments with only carbon dioxide, ammonia and bromide ions remaining as end products.

Dosages:

The required concentration of ASA-R 350 for injection will depend on the material being treated and the level of contamination present. However, it is recommended that 10 – 20 ppm of active ingredient for 60 minutes every week until the system is cleaned thoroughly and removed all old algal growth, microbiological slime, and other deposits. The Required dosage for injection repeat depends on blow down rate and microbiological problems.

Typical Properties

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|--------------------|---|--------------------------------------|
| ➤ Appearance | : | Colorless to yellow |
| ➤ Specific Gravity | : | 1.20-1.30 |
| ➤ Solubility | : | soluble in all proportions of water. |
| ➤ pH (10%) | : | 2.0-5.0 |

PACKAGING

ASA-R 350 is supplied in P.E drums of 230 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 350 can be monitored by Microbial TestKits (SRB or TBC).

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