

Technical Data Sheet (TDS)

ASA-C 130



Chemical Product

Product Name: ASA-C 130

Use: Corrosion and Scale Inhibitor Based on All Organic for Open Cooling Systems



Introduction

ASA-C 130 is a unique combination of scale and corrosion inhibitors specially formulated for the protection of open or semi close recirculating cooling water systems.

ASA-C 130 incorporates the developments in Phosphonate / phosphate / polymer technology to provide corrosion and multi -functional scale control. Organically-bound phosphorous provides ferrous-metal corrosion protection and scale control through sequestration of scale-forming ions.

Advantages:

- Environmentally acceptable – contains no heavy metals.
- Stable even at elevated skin temperatures.
- Effective scale control at stability indices as much as $3.0 < LSI$
- Protects against galvanic corrosion in mixed – metal systems.
- Controls pitting attack of ferrous metals.
- Economical low dosage provides effective protection.



Dosages:

The injection dosing of ASA-C 130 into the circulating water must be adjusted such that the $T-PO_4$ concentration in the circulating water is maintained between 5–25 mg/lit to ensure optimal performance.



Typical Properties

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|--------------------|---|--------------------------------------|
| ➤ Appearance | : | Colorless to yellow |
| ➤ Specific Gravity | : | 1.1-1.2 |
| ➤ Solubility | : | soluble in all proportions of water. |
| ➤ PH 10% | : | 2 - 4 |



PACKAGING

ASA-C 130 is supplied in P.E drums of 240 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-C 130 can be continuously monitored by corrosion rate and corrosion coupons.

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