



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

RXSOL-32-2541-025

Oxygen Scavenger Carbohydrazide

Description

RXSOL-44-6119-025 is a easy to handle liquid solution that can be used as both a powerful oxygen scavenger for low and medium pressure steam boilers and also a neutraliser for removing chlorine and other biocides to protect sensitive systems such as RO plants or prior to discharge to the environment. RXSOL-44-6119-250 is intended for applications such as the food industry where formulations including heavy metal catalysts cannot be used.

Application and Dosage

As Boiler Water Oxygen Scavenger

Rapid reaction with oxygen ensures efficient protection of feedlines and boilers from corrosion. RXSOL-44-6119-250 is intended for those applications such as the food industry where heavy metal catalysts cannot be used. RXSOL-44-6119-250 reacts with oxygen to form bi-products which have no adverse effect on boiler integrity. One of these bi-products enhances protection against caustic embrittlement. RXSOL-44-6119-250 should be dosed at the rate of 18ml/m³ for every ppm of dissolved oxygen. A reserve of approximately 50ppm of sulphite should be maintained in the boiler water.

As Biocide Neutralizer

RXSOL-44-6119-250 is an effective neutraliser of halogens, particularly chlorine, and a wide range of other biocides. It can be used to neutralise excess chlorine following disinfection of water systems, including cooling water systems and the feed to RO systems. RXSOL-44-6119-250 can also be used to prepare waste streams for disposal to treatment services, including public utility services, by conditioning residual biocide including, but not limited to, C/MIT, DBNPA and THPS.

RXSOL-44-6119-250 is dosed at the rate of 7 - 10 ml/m³ per mg/l of free chlorine

Specification

Appearance	Clear Solution
Odour	Characteristic
pH	5-6
Density	>1.2

Features and Benefits

- Reacts with oxygen to produce compounds that do not harm boiler integrity. One of these compounds further improves protection against caustic embrittlement.
- Suitable for loq and medium pressure boilers
- Catalysed product to ensure efficient protection from corrosion

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