



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

RXSOL-42-1524-030

Oxygen Scavenger Boiler Oxy Control

RXSOL-42-1524-030 is an easy-to-handle liquid solution that can be used both as a powerful oxygen scavenger for low and medium pressure steam boilers and as a neutraliser for removing chlorine and other biocides to protect sensitive systems such as RO plants or prior to discharge to the environment. RXSOL-42-1524-030 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-42-1524-030 is intended for those applications such as the food industry where heavy metal catalysts cannot be used.

RXSOL-42-1524-030 reacts with oxygen to form by-products which have no adverse effect on boiler integrity. One of these by-products enhances protection against caustic embrittlement.

RXSOL-42-1524-030 should be dosed at the rate of **18 ml/m³ for every ppm of dissolved oxygen**. A reserve of approximately **50 ppm of sulphite** should be maintained in the boiler water.

As Biocide Neutralizer

RXSOL-42-1524-030 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-42-1524-030 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-42-1524-030 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 low and medium pressure boilers.
- Biodegradable Oxygen Scavenger compatible with neutralizing amines.
- Catalysed product to ensure efficient protection from corrosion.

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