



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

RXSOL-42-5029-200

OxyShield Plus Boiler Oxygen Scavenger

Medium to High Pressure Boilers

OxyShield Boiler Oxygen Scavenger is a high performance corrosion inhibitor scientifically formulated for use in steam boilers, condensate systems and high pressure hot water systems. OxyShield Boiler Oxygen Scavenger is a steam volatile liquid treatment based on complex Hydroxylamine compounds used to remove oxygen chemically from feed water, boiler water and condensate in steam generating systems and the recirculating water in high pressure hot water systems. Additionally, OxyShield Boiler Oxygen Scavenger passivates iron and copper surfaces, rendering them more resistant to corrosion.

Application and Dosage

OxyShield Boiler Oxygen Scavenger use in Steam Boilers

OxyShield Boiler Oxygen Scavenger should be fed continuously to the deaerator storage section, the condensate or directly to the boiler. Choice of feed point is dependent upon the specific problem to be corrected. The recommended concentration to be maintained in the feedwater will vary with operating pressure and the particular installation and will be advised by Accepta technical support. The normal dosage rate for OxyShield Boiler Oxygen Scavenger is 20ml/m³ of feed water per mg/L of dissolved oxygen and the dosage should be adjusted to give a residual of 0.1 -0.25ppm of DEHA in the feed or boiler water.

OxyShield Boiler Oxygen Scavenger use in High Pressure Hot Water Systems

OxyShield Boiler Oxygen Scavenger should be dosed at an initial rate of 200ml/m³ and thereafter to maintain a DEHA residual of 5-10ppm.

Specification

Parameters	Values
Appearance	Clear Liquid
Odor	Amine like
pH	10-11

Features and Benefits

- Biodegradable Hydrazine free oxygen scavenger.
- Passivation of metal surfaces through the formation of magnetite and cuprous oxide films.
- Minimisation of iron and copper deposits in the boiler by reducing these metals to their more soluble ferrous and cuprous forms.
- Does not interfere with neutralizing amines.
- Ability to provide corrosion protection to the after-boiler sections of the system.

This Safety Data Sheet is provided by RXSOL. For the most current version of this document, please visit eastindiachemicals.com. This document is prepared in accordance with GHS / OSHA HazCom standards. The information contained herein is believed to be accurate but does not purport to be all-inclusive. It is the responsibility of the user to determine the suitability of this information for their application.