



Product Bulletin

Product name	ROJEN B-0925
Group	Chemicals
Application	Boiler Water System
Primary Function	Scale & corrosion inhibitor

1.0- Introduction

ROJEN B-0925 boiler water treatment is highly effective multifunctional liquid treatment for boilers. ROJEN B-0925 provides protection against hardness based scale formation, oxygen induced corrosion as well as low pH corrosion associated with condensate systems. The combination of components in a single formulation makes ROJEN B-0925 truly a one drum treatment product. The phosphate in the product precipitates calcium hardness as not soft, nonadherent sludge. The synthetic polymer in the product further conditions this sludge so that it can be effectively removed through bottom blowdown procedures. The polymer also helps to disperse suspended solids in the bulk boiler water thereby preventing them adhering to internal heat transfer surfaces. To prevent oxygen induced corrosion ROJEN B-0925 contains sodium sulfite. The rapid reaction of sulfite with dissolved oxygen has made it an industry standard in the steam generating marketplace. Corrosion inhibition is also achieved through condensate pH elevation provided by the neutralizing amine in ROJEN B-0925. In addition, antifoam is presented in the product helping to prevent foam induced carryover.

2.0- Typical Properties

Appearance:	Clear to slightly hazy liquid
Specific gravity:	1.1-1.4
pH	min 8
Freeze point	-10°C
Flash point	Not applicable

3.0- Handling & Safety

Rojen Chemicals maintain a database of material safety data sheets (MSDS) on all our products. These contain health & safety information to assist in the safe and appropriate chemical handling, ensuring the protection of personnel

4.0- Packaging

Available in 30 kg pails.

5.0- Primary Application

ROJEN B-0925 boiler water treatment may be fed neat, directly from the drum or as dilute solution to the preboiler section. Cooled condensate or softened water can be used for dilution and continuous feeding through a metering pump provides the best control.

6.0- Feeding & Control

A phosphate residual test is required for dosage regulation and adjustment. The dosage of ROJEN B-0925 is adjusted to maintain an excess of 30 - 50 ppm of phosphate as PO₄ in the boiler water, and the sulfite test is 20 - 40 ppm.

For Boil out : 2 - 3 % of Boiler volume, keep boiler water 60 °C for 12 - 16 hours.

supplierfilterair.comsupplierfilterair.comsupplierfilterair.com

supplierfilterair.comsupplierfilterair.comsupplierfilterair.com

supplierfilterair.comsupplierfilterair.comsupplierfilterair.com