



*World class Water Treatment Capabilities for industries*

## Product Bulletin

<b>Product name</b>	<b>ROJEN B-1533</b>
<b>Group</b>	<b>Chemicals</b>
<b>Application</b>	<b>Boiler Water System</b>
<b>Primary Function</b>	<b>Controlling scale and prevent mineral deposits</b>

### 1.0- Introduction

ROJEN B-1533 deposit inhibitor is a concentrated liquid product designed to prevent boiler deposits. The formulation contains phosphate, polymers and antifoam. The phosphate precipitates soluble calcium hardness from the boiler water. The synthetic polymers prevent suspended solids of any kind from adhering to internal boiler surfaces and will gradually remove existing deposits. The antifoam helps prevent boiler water carryover.

### 2.0- Typical Properties

Appearance:	Clear to slightly hazy liquid
Specific gravity:	1.2-1.6
pH (1%)	min 9.0
Freeze point	-10°C
Flash point	Not applicable

### 4.0- Packaging

Available in 30kg pails.

### 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

### 5.0- Primary Application

The primary feed points from the drum or mixed with other treatment chemicals. The preferred points of feed are : to the steam drum through the chemical feedline, or to the preboiler system, especially if preboiler deposits have been a problem. Continuous treatment provides the lowest cost and best control.

### 6.0- Feeding & Control

A phosphate residual test is required for dosage regulation and adjustment. The dosage of ROJEN B-1533 deposit inhibitor is adjusted to maintain an excess of 30 - 50 ppm of phosphate as PO<sub>4</sub> in the boiler water.