



World class Water Treatment Capabilities for industries

## Product Bulletin

<b>Product name</b>	<b>ROJEN B-35</b>
<b>Group</b>	Chemicals
<b>Application</b>	Boiler Water System
<b>Primary Function</b>	Corrosion inhibitor

### 1.0- Introduction

ROJEN B-35 is a solution of pure alkali. It is used to raise the pH of feedwater and maintain the alkalinity of boiler water. Feedwater pH adjustment is needed to control corrosion. Adequate boiler water alkalinity is required to cause precipitation of calcium and magnesium hardness as the desired sludges and to prevent corrosion.

### 2.0- Typical Properties

Appearance:	Clear to slightly hazy liquid
Specific gravity:	1.3-1.6
pH	min 13
Freeze point	-12 °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-35 should be continuously metered as a solution to the preboiler section or directly to the boiler. This product may be mixed with other boiler water treatment chemicals.

### 6.0- Feeding & Control

Equipment to determine Hydrate alkalinity method and the pH of boiler feedwater is needed for dosage regulation. The dosage of ROJEN B-35 is adjusted to typically maintain the desired excess of hydrate alkalinity in the boiler water.