

PRODUCT DATA SHEET

PRODUCT NAME: RTW-202
TYPE: Boiler single drum Treatment
For Boiler Water Treatment

PRODUCT DESCRIPTION

RTW-202 is a high-performance liquid formulation designed to prevent scale formation and corrosion in steam-generating systems. It offers comprehensive protection for boiler internals by combining advanced deposit control agents with effective oxygen scavengers and metal passivators.

KEY FEATURES & BENEFITS

- Multi-functional Protection:
 - Combines antiscalants, sequestrants, organic dispersants, oxygen scavengers, and metal passivators in one liquid formulation.
 - Advanced Deposit Control:
 - Contains organophosphorus compounds and anionic polymeric dispersants that inhibit hardness-based scale formation and disperse residual particles.
 - Iron Management:
 - Reduces iron to its soluble ferrous form using a dedicated reducing agent, allowing sequestrants to complex and remove iron via blowdown—minimizing insulating deposits.
 - Phosphate-Free Formula:
 - No phosphate or polyphosphate content, resulting in minimal sludge generation and cleaner boiler operation.
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Application & Dosing Guidelines

Recommended Feed Point:

- Inject into the feedwater line (neat or diluted), downstream of the feedwater pump using stainless steel piping and an injection quill.

General Dosage:

- Typically, 50–100 ppm depending on feedwater quality and boiler operating conditions.

Water Type-Based Dosage:

- Softened / Deionized / Demineralized Water: 50 ppm
- Hard Water / Utility Water: Refer to the dosage chart below

Dosage Chart for Hard Water

Hardness ppm	RTW-202 (ppm)
<64	50
68	63
73	84
77	110
80	143
85	182
90	231
93	288
98	357
100	437
>105	530

Maintain dosage within specified limits. Regular testing is essential and can be performed using our proprietary test kit.

STORAGE & SAFETY

Store in a cool, dry place, avoid direct sunlight, avoid contact with skin, eyes, and clothing. Use appropriate personal protective equipment.

PACKAGING

Polyethylene drums of 25 or 220 liters, containers of 1000 liters.