



# RXSOL

CHEMO PHARMA INTERNATIONAL

## Technical Data Sheet (TDS)

### RXSOL-40-5001-210

One Shot Universal Liquid Treat

#### BOILER WATER TREATMENT

##### UNIVERSAL-ONE SHOT (RXSOL-50-5001-210)

**Product Description:-**RXSOL-50-5001-210 is a well-balanced blend for boiler water treatment, resulting in a scale and corrosion control by one simple operation.

##### Function Mechanism:

**Alkalinity Control:-**This components of RXSOL-50-5001-210 chemically precipitate the hardness of salts like Calcium & Magnesium & neutralizes the acidic conditions.

**Hardness Control:-**RXSOL-50-5001-210 provides phosphate reserve to effectively react with and precipitate the hardness salts introduces with the feed water.

**Sludge Conditioner:-**RXSOL-50-5001-210 component will preventing the sludge from adhering to metals surfaces. Boiler sludge can only be removed by blow down.

**Oxygen Scanvangers:-**Catalyzed liquid of RXSOL-50-5001-210 controls the formation of oxygen to protects boiler & steam line corrosion protection. As an additional benefits it will assist to neutralize dissolved carbon dioxide. In this way RXSOL-50-5001-210 preventing oxygen "Pitting" corrosion.

**Application , Dosage:-** RXSOL-50-5001-210 is strongly alkaline. RXSOL-50-5001-210 is best applied neat or diluted with any convenient strength on a continuous basis using a suitable chemicals pump . The product should be applied to the boiler feed tank or feed line to ensure adequate mixing. The dosage rate of RXSOL-50-5001-020 is dependent on boiler operating condition, Feed 2-3 Ltrs of RXSOL-50-5001-210 solution for per thousand Ltr of boilers water Then control the system by Periodic Alkalinity test procedure. If p-Alkalinity is below 200 ppm increase the ratio of RXSOL-50-5001-210 solution. If p-Alkalinity is above 400 ppm reduce the concentration of RXSOL-50-5001-210 solution by dilution with water.

**Control Procedure:-** Control is by simple boiler water tests or RX CLEANSERS can provide a suitable test kits for this purpose.

##### Product Properties:-

Appearance	Clear liquid	
Density	In g/cm <sup>3</sup> at 15°C: 1.1±0.02	
Solubility In Water	Complete	
pH (1 Vol %)	>13	
Compatibility		
Metal	Corrosive to aluminium, magnesium, zinc and tin.	
Rubber	No known effect.	

Packaging	Product : RXSOL-50-5001-210	Size (in litres) : As per demand.
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**Characteristics:-**

- Convenient liquid treatment, which provides the basic alkalinity on which successful water treatment depends.
- Provides optimum conditions for hardness control to function.
- Neutralizes acid conditions.
- Will assist in keeping silica in suspension.
- Simple test to determine level of treatment.
- Can be used in boilers of all pressures.
- Can be used as a neutralizer after acid cleaning operations.
- Suitable for use with all auxiliary boilers; waste heat units; economizers, package boilers, smoke and water tube boilers.
- Dispersant action suspends sludge and sediment particles for efficient blow down.
- Oxygen scavenging for optimum protection.
- Protects boiler, steam lines, condensate lines and feed water lines from corrosion.
- Fast action due to catalyst.
- Simple test to determine level of treatment.

**Packaging, Handling, First Aid & Storage:-**

RXSOL-50-5001-020 is generally supplied in drums containing 25 / 210 Ltrs. Avoid contact with skin and eyes wear goggles & PVC gloves when handling. Keep an eye wash bottle close to the point of use. Do not take internally. On contact with Skin/Cloth, wash immediately with copious amount of water. If eyes are affected they should be washed with water for at least 15 Minutes and medical attention sought immediately. If swallowed do not induce vomiting give plenty of water and call doctor immediately.

**\*\*Keep drums tightly closed when not in use.\*\***

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