



# RX MARINE INTERNATIONAL

## Total Solution Total Protection

AN ISO CERTIFIED COMPANY



## Shot Universal Bwt

Part/Order no:	Packing
RXSOL-50-5001-20	20 Ltr
RXSOL-50-5001-25	25 Ltr

### BOILER WATER TREATMENT:

UNIVERSALONE SHOT (RXSOL-50-5001)

Product Description:-RXSOL-50-5001 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 chemically precipitate the hardness of salts like Calcium & Magnesium & neutralizes the acidic conditions.Hardness Control:-RXSOL-50-5001provides phosphate reserve to effectively react with and precipitate the hardness salts introduces with the feed water.Sludge Conditioner:-RXSOL-50-5001 component will preventing the sludge from adhering to metals surfaces. Boiler sludge can only be removed by blow down.

### Oxygen Scavengers:

Catalyzed liquid of RXSOL-50-5001 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 preventing oxygen "Pitting" corrosion.

### Application:

Dosage:- RXSOL-50-5001is strongly alkaline. RXSOL-50-5001 is best applied neat or diluted with any con venient 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 is dependent on boiler operating condition, Feed 2-3 Ltrs of RXSOL-50-5001solution 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-50-5001solution. If p-Alkalinity is above 400 ppm reduce the concentration of RXSOL-50-5001solution 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.	n g/cm3 at 15° C: 1.1±0.02.
Solubility In Water.	Complete.
pH (1 Vol %).	>13.
Compatibility.	
Metal.	Corrosive to aluminum, Magnesium, zinc and tin.
Rubber.	No known effect.
Packaging.	Size (in liters) : As per demand.

## **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.



## **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.\*\***