



**RX MARINE INTERNATIONAL**  
**Total Solution Total Protection**  
AN ISO CERTIFIED COMPANY



## Condensate Control

Part/Order no:	Packing
RXSOL-50-5005-20	20 Ltr
RXSOL-50-5005-25	25 Ltr

### Product Description:

A water soluble volatile concentrate amine based liquid treated for the really corrosion control and as a neutralizing agent for condensate and feed water systems of industrial and institutional physical plants. Also very good organic oxygen scavenger and very Effective under all operating conditions , Protects boiler surfaces by forming an iron ternate film.

### Fields Of Application:

RXSOL-50-5005 is an effective neutralizing type corrosion inhibitor & oxygen scavenger for steam condensation system. And can also be used to protect Boilers /Metals surfaces form corrosion. It removes oxygen efficiently in open feed systems and gives effective corrosion inhibition of boiler/exhaust gas economizer system surfaces . Its Chemical reaction by converting Fe2O3 (rust) to organic iron compound protect further IRON rust reaction .

### Operating Process :

RXSOL-CC72 neutralizes the acid components of feed water. The proportion of RXSOL-50-5005 depends upon the Carbon dioxide content of the condensate. Basically RXSOL-50-5005 neutralizes the acid contents & maintains the condensate and feed water in the alkaline condition. It also protects copper based metals.

### Dosage And Control :

The necessary amount of RXSOL-50-5005 is required or injected as frequently as to maintain the pH of the condensate at the main condensate pump outlet between 8.6-9.5 . The amines pass over with the steam and have the dual function of elevating the pH of the steam/condensate and putting a protective micro film on the system pipe work. Acidic condensate is the result of carbonic acid (H2CO3) being formed as CO2 is released in the steam. Condensate prevents corrosion by carbonic acid on live systems. Its filming properties also reduce corrosion on shut down lines, when moisture and oxygen are present.

	Less than 8.3.	Standard 8.3-9.5	Over 9.5.	Standard pH Range.
All Boiler groups.	Increase Dosage By 25% for 72 hours and	Satisfactory Maintain Dosage.	Decrease Dosage By 25% for 72 hours and Retest.	8.3-9.5.

These are recommended values based on experience and are in no way intended to replace the boiler manufacturer's specifications or company regulations.

## Properties :

Appearance.	Colorless	
Density.	In g/cm <sup>3</sup> at	
Odor.	Amine.	
Flash Point.	(PMCC) ° : None.	
PH.	Alkaline.	
Compatibility.		
Metal.	Avoid Copper, Brass, Aluminum.	
Rubber.	No known effect.	
Packaging.	ORDER NO :-RXSOL-	Size (in liters) 25/35.

## Characteristics :

- Easy to use liquid treatment.
- Neutralizes the acids occurring in the condensate system.
- Less maintenance required. Lower operating costs and increased reliability.
- Volatilizes and carries over with the steam and so is recycled. Dosage is economical and efficient.
- Simple test to determine level of treatment.
- Used for protection of condensate and feed water systems in boiler systems of all pressures.

## Precautionary Information :

RXSOL-50-5005 alkaline and the vapors are irritating to eyes and lungs. Avoid contact with eyes and skin. Do not take internally. Observe safety regulations wear Goggles, PVC gloves and Apron when handling Provide ample ventilation Avoid contact with skin in case of contacts wash with copious amount of water immediately. If eyes are splashed give immediate and prolonged irrigation with clean running water and obtain medical attention.

## Not for internal use:

If swallowed do not induce vomiting give plenty of water or milk and call a doctor immediately.

## PACKING:

RXSOL-50-5005 is available in 25/35 Liters Packing. GENERAL REMARKS:-Do not store RXSOL-50-5005 near a heating equipment.

**\*\*Read the Material Safety Data Sheet before using this product\*\***

