



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

RXSOL-10-1011-025

Salt Remover Passivation Liq

RXSOL Salt Remover Passivation Liquid is a specially formulated **acidic surfactant-based cleaning solution** designed for effective removal of **salt deposits, mineral residues, and light corrosion products** from metallic and non-metallic surfaces.

The formulation combines **controlled acidity with surface-active agents**, enabling deep penetration and dissolution of salt crystals while simultaneously assisting in surface conditioning (passivation effect), thereby reducing the risk of further corrosion.

Application

- Marine and offshore equipment exposed to seawater
- Ship decks, pipelines, and engine room components
- Heat exchangers and condensers
- Storage tanks and metal surfaces before painting/coating
- Industrial machinery affected by salt deposition
- Desalination plants and coastal installations

Mechanism

The product works through:

1. **Acidic dissolution:** Breaks down salt crystals (NaCl and other salts) and mineral deposits
2. **Surfactant penetration:** Enhances wetting and lifting of contaminants from surfaces
3. **Passivation support:** Helps stabilize the metal surface, minimizing oxidation after cleaning

Properties

Parameters	Values
APPEARANCE	Clear Liquid
DENSITY	g/cm ³ at 15°C: 1.2
pH	2.5-3.5
COMPATIBILITY	
METAL	Suitable for M.S and S.S metal
RUBBER	No known effect

Key Features

- Rapid dissolution of salt deposits and mineral scaling
- Effective on marine salt contamination and chloride residues
- Dual action: cleaning + surface conditioning (passivation)
- Controlled acidity ensures safe cleaning without aggressive metal attack
- Improves surface cleanliness prior to coating or storage
- Compatible with most metals when used as directed
- Reduces risk of flash rusting and corrosion recurrence

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