



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

RXSOL-23-6830-025

Acidic CIP BallastGuard

RXSOL CIP Acidic Detergent Descaler is developed and optimised for CIP (Cleaning in Place) operations of offshore water-borne systems. For optimal result, we recommend that CIP-machines are used in order to control temperature and circulation.

Typical applications of Offshore Scale Cleaner

- All types of heat exchangers
- Water pipe systems
- Water heaters
- Cooling rolls
- Tanks
- Boilers
- Air heaters.

Application	Technical Properties												
<p>Highly effective Detergent Descaler for:</p> <ul style="list-style-type: none">• Limescale & other Carbonates• Rust & other metal oxides• Cement• Salts• Humus• Shellfish	<table border="1"><thead><tr><th>Parameters</th><th>Value</th></tr></thead><tbody><tr><td>Appearance</td><td>Clear, Liquid</td></tr><tr><td>Odor</td><td>Charateristic</td></tr><tr><td>pH</td><td>1-2</td></tr><tr><td>Solubility</td><td>Highly miscible</td></tr><tr><td>Density</td><td>>1.2</td></tr></tbody></table> <p>Key Features</p> <ul style="list-style-type: none">• Optimized for CIP operations in offshore and marine systems• Effective against scale, rust, salts, and biological fouling• Safe on common metals, rubber seals, and coatings• Reduces downtime and improves system efficiency	Parameters	Value	Appearance	Clear, Liquid	Odor	Charateristic	pH	1-2	Solubility	Highly miscible	Density	>1.2
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Why CIP Cleaning is essential?

The benefits of offshore CIP scale cleaning extend beyond cleanliness:

- Restores heat transfer efficiency in heat exchangers and heaters
- Reduces energy consumption and operating costs

- Prevents unplanned shutdowns and equipment damage
- Extends equipment life and reduces maintenance frequency
- Eliminates the need for dismantling, saving time and labor

Where downtime can cost millions per day, CIP cleaning becomes a preventive maintenance necessity rather than a corrective action.

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