



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

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ProShield Corrosion Inhibitor 900

ProShield PC 900 Corrosion Inhibitor

ProShield PC 900 is a high-performance corrosion inhibitor specifically formulated for use in reverse osmosis (RO) permeate water distribution systems. Designed to protect mild steel piping and equipment, it effectively prevents oxidation and corrosion, ensuring long-term system reliability and efficiency.

Applications

- Industrial Water Distribution Systems – Protects pipelines carrying RO permeate in manufacturing, food processing, and chemical plants.
- Municipal & Commercial RO Networks – Prevents corrosion in water treatment facilities, desalination plants, and large-scale water storage systems.
- Cooling & Boiler Feedwater Systems – Helps maintain corrosion-free piping in recirculating water and steam applications.

Dosage & Feeding

- Recommended dosage varies based on system conditions, water chemistry, and flow rate.
- Can be introduced into the system via chemical dosing pumps for optimal distribution and efficiency.

Physical Properties

Parameters	Results
State	Liquid
Appearance	Clear Liquid
Color	Colourless to Green/Yellow liquid
Odor	Odourless
pH	4.8 to 5.2
Density	> 1.1

Advantages and Features

- Superior Corrosion Protection – Forms a protective barrier on mild steel surfaces, reducing the risk of rust and degradation.
- Optimized for RO Permeate Water – Effectively conditions low-mineral-content water, preventing aggressive corrosion.
- Enhances System Longevity – Prolongs the lifespan of pipelines, storage tanks, and distribution networks by minimizing metal deterioration.
- Compatible & Easy to Apply – Works seamlessly with existing RO treatment systems and can be easily dosed for consistent protection.
- Environmentally Responsible – Formulated with low-impact ingredients, ensuring compliance with industry safety and environmental standards.

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