SHERAN CHEMICALS



Deck & Engine Room Cleaning.

RUST REMOVER

Advanced Phosphoric Acid-Based Rust & Corrosion Remover & Metal Brightener.

DESCRIPTION & APPLICATIONS:

RUST REMOVER is a high-performance acidic cleaner formulated to remove rust, oxides, mineral deposits, salt contamination, and other inorganic residues from metal and hard surfaces. It rapidly dissolves corrosion products and deposits, restoring surface cleanliness and preparing equipment for inspection, maintenance, or coating.The product is particularly effective for removing residues associated with vegetable oils, fatty acid derivatives, and chemical cargoes, including white powder deposits, lime scale, and oxidation products. It can be used on iron, steel, stainless steel, copper, brass, and aluminum surfaces.Suitable for both marine and industrial applications, RUST REMOVER helps reduce cleaning time, improve surface condition, and enhance maintenance efficiency.

FEATURES & BENEFITS:

- Effectively removes oxides, chlorides, nitrates, amides, amines, calcium carbonate, mineral scale, and other cargo-related deposits.
- Eliminates white powder residues from chemical and edible oil cargoes, as well as lime deposits caused by hot seawater washing.
- Removes light rust from iron and steel surfaces while cleaning and brightening aluminum, brass, and copper components.
- Restores clean metal surfaces, improves appearance, and prepares equipment for painting, recoating, or maintenance activities.
- Suitable for both cargo tank and general maintenance cleaning, helping reduce cleaning time and labor requirements.
- Non-flammable, NPE-free, and economical formulation that provides safe and efficient cleaning performance.

RECOMMENDED DOSAGE:

Recommended Cleaning Slotions:

Degree of Contamination	Concentration
Light Contamination	4% Solution
Medium Contamination	6% Solution
Heavy Contamination	8 - 10% Solution

Circulation Cleaning Method:

- Prepare the solution in the tank bottom or void space.
- Circulate it through the tank washing system.
- Maintain circulation for at least 2 hours per drop.
- Typical cleaning takes about 4 hours per tank.
- Heat up to 80°C to improve cleaning performance.
- Wash thoroughly with high-pressure fresh water.

SHERAN CHEMICAL (UAE) |SHERAN HELLAS CHEMICAL (Greece)

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Manufacturing & Sales: Fujairah, UAE | Athens, Greece

Marine and industrial chemicals supplier worldwide.

CERTIFICATIONS & MARINE SUPPLY NETWORKS

ProcureShip PS ID: 14754

SHIPSERV TN-315946

ISO 9001:2015 CERTIFIED COMPANY

Spot Cleaning:

- Apply undiluted RUST REMOVER directly onto affected areas.
- Allow approximately 30 minutes reaction time.
- Rinse thoroughly with fresh water.

GENERAL CLEANING:

For maintenance cleaning applications:

Surface Type	Recommended Use
Iron & Steel	Rust and oxide removal
Stainless Steel	Surface cleaning
Copper	Brightening and cleaning
Brass	Brightening and cleaning
Aluminum	Cleaning and brightening
Painted Surfaces	Rust stain removal

COMPATIBILITY

Suitable For:

Suitable for carbon steel, stainless steel, copper, brass, aluminum, painted surfaces, ceramic tiles, porcelain, and terrazzo surfaces.

Not Recommended For:

Zinc surfaces & Galvanized steel surfaces

TYPICAL PROPERTIES:

Property	Typical Value
Appearance	Clear Liquid
Colour	Colourless to Light Amber
Odour	Mild Acidic
pH (Concentrate)	Acidic
Specific Gravity @ 25°C	1.05 - 1.20
Solubility	Completely Miscible in Water
Flash Point	Non-Flammable

Typical values are provided for guidance only and should not be considered product specifications.

STORAGE AND HANDLING:

Store in tightly closed containers in a cool, dry, ventilated place. See the latest SDS for safety details.

SHELF LIFE:

24 Months from date of manufacture when stored under recommended storage conditions.

STANDARD PACKING:

25 L HDPE Cans & 200 L HDPE Drums.

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