

Deck & Engine Room Cleaning.

RUST CONVERTER

Advanced Rust Conversion & Surface Passivation Treatment for Long-Term Corrosion Protection.

DESCRIPTION & APPLICATIONS:

RUST CONVERTER is a water-based rust conversion treatment specifically formulated to neutralize corrosion and convert existing rust into a stable, insoluble blue-black Metallo-organic protective layer. The product chemically reacts with iron oxides, stopping the corrosion process and creating a sound substrate for subsequent painting or coating applications. It acts as both a rust converter and adhesion-promoting primer treatment, providing excellent surface preparation where abrasive blasting is impractical or uneconomical. The resulting water-insoluble hydrophobic film enhances coating performance and extends the service life of treated steel surfaces. Compatible with a wide range of industrial and marine coating systems, it is suitable for maintenance, repair, and corrosion control programs.

FEATURES & BENEFITS:

- Water-based formulation.
- Non-hazardous and non-flammable.
- Converts rust into a stable inert protective surface.
- Stops the progression of corrosion.
- Excellent adhesion promoter for subsequent coatings.
- Leaves a water-insoluble hydrophobic film.
- Suitable for maintenance and refurbishment projects.
- Compatible with most industrial paint and coating systems.
- Can be used on rusted steel and sandblasted surfaces.

DIRECTIONS FOR USE:

Surface Preparation

Remove all loose rust, rust scale, flaking material, deteriorated paint, oil, grease, dirt, and other contaminants by wire brushing or suitable mechanical cleaning methods. Where soluble salts are present, wash the surface thoroughly with fresh water and allow it to dry before application.

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Manufacturing & Sales: Fujairah, UAE | Athens, Greece

Marine and industrial chemicals supplier worldwide.

CERTIFICATIONS & MARINE SUPPLY NETWORKS

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Application

The product is supplied ready for use and requires no dilution. Apply a single thin coat by brush, roller, or spray over the prepared surface.

Drying and Reaction Time

Allow approximately 3 hours for the conversion reaction to take place. In confined spaces or under adverse conditions, additional reaction time may be required. Protective coatings should not be applied until the conversion process is complete.

Overcoating

The treated surface should preferably be painted or coated within 48 hours of application using a suitable protective coating system.

Equipment Cleaning

Wash brushes, rollers, spray equipment, and tools with clean water immediately after use.

TYPICAL PROPERTIES:

Property	Typical Value
Appearance	Milky Liquid
Color After Reaction	Blue-Black Protective Film
Base	Water-Based
Flash Point	Non-Flammable
Hazard Classification	Non-Hazardous
Coverage Rate	Approx. 20 m²/L
Application Method	Brush, Roller, Spray
Recommended Coating Interval	Minimum 3 Hours
Overcoating Window	Preferably Within 48 Hours
Cleaning of Equipment	Fresh Water
Corrosion Protection Mechanism	Chemical Rust Conversion &

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COMPATIBILITY:

RUST CONVERTER is compatible with most commonly used industrial and marine coating systems, including:

Alkyd coatings. Modified alkyd systems. Epoxy coatings. Polyurethane coatings.

Vinyl coatings. Chlorinated rubber coatings. Water-based paint systems

The product may be used as a pre-treatment on rusted steel and sandblasted steel surfaces prior to the application of protective coating systems.

LIMITATION'S:

- Do not apply to surfaces exceeding 40°C.
- Hot steel surfaces should be allowed to cool prior to treatment.
- The product is not a paint and must be overcoated with an appropriate protective coating system.

STORAGE & HANDLING:

Store in a cool, dry, well-ventilated area, keeping containers tightly closed when not in use. Avoid prolonged exposure to direct sunlight and excessive heat, and follow proper industrial hygiene and handling practices. For detailed safety information, refer to the Safety Data Sheet (SDS).

SHELF LIFE:

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

STANDARD PACKAGING:

- 5 L Plastic Containers
- 25 L Plastic Containers

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