

SURFACE RUST REMOVER

DESCRIPTION AND USE

RustClear™ is a non-corrosive cleaner that removes rust stains and surface rust on metal and painted surfaces. This is a painting preparation product for vehicles, equipment, storage tanks and other painted metal surfaces.

ADVANTAGES

- * Quickly removes rust stains
- * Removes oxidation and slows the re-oxidation process
- * A simple spray on / rinse off application increase productivity

LIMITATIONS

Not to be used on polished metal.

TECHNICAL DATA

Appearance & Odor: Yellow to amber liquid, mild acrid odor

Physical State: Liquid

pH: <2.0

Vapor Pressure (mmHg): N/A

Vapor Density (air=1): N/A

Boiling Point: 212° F @ 760 mm Hg

Specific Gravity (water =1): 1.09

Evaporation Rate: N/A

Solubility in Water: Complete

PREPARATION

Protect adjacent and surrounding surfaces not intended to be cleaned when necessary.

SURFACE & AIR TEMPERATURES

Excessively high or low temperatures will produce poor results and possible harm. Best cleaning results are obtained when air and surface temperatures are 40° Fahrenheit or above. Do not clean when temperatures are below freezing or will be overnight. If freezing conditions exist, allow adequate time for surface to thaw. If air temperatures exceed 90° Fahrenheit, flash cool the surface with water before applying product. Do not allow products to dry on the surface. Always rinse thoroughly while the products are still wet.

PRE-TESTING

Always test prior to beginning full-scale cleaning operations. Testing should confirm cleaning effectiveness on each type of surface and stain designated to be removed. Testing also determines the desired dwell time and any potential for adverse reactions with adjacent materials. Allow test panels to dry thoroughly before evaluating final appearance and results.

DILUTION

- 4:1 dilution

APPLICATION INSTRUCTIONS

Once the product has been diluted, use a low pressure spray on area to be cleaned. On severe rust, a wet on wet application may be needed prior to rinsing. Allow adequate dwell time for rust to solubilize, for ease when rinsing. Brushing may be helpful in areas of severe rust. Always follow with a pressure washer rinse.

SAFETY INFORMATION

Precautionary Measures: Always wear goggles and rubber gloves when handling this product. Wear appropriate protective clothing to prevent and avoid splash on bare skin and eyes. The product contains Hydrochloric Acid. If material comes in contact with clothing, wash before reuse. Avoid breathing the concentrated vapors. Always use with adequate ventilation. Keep container closed when not in use. Dispose of empty containers according to federal, state, and local requirements. Do not use for any other applications other than specified. Do not remove label. Read Material Safety Data Sheet for additional safety and health hazard information prior to use.

SPILL OR LEAK PROCEDURES

Check with the state, local, or federal regulations for waste disposal methods in the area. Wear proper protective equipment while doing cleanup. For large spills, dike and contain for intended use. For small spills, use a chemical absorbent product and place in approved container for disposal.

CONTAINER HANDLING/STORAGE

Store the product in a cool dry place away from alkali / base. Do not allow this product to freeze. Vent bung cap before opening. Keep container tightly closed when not in use. Wash thoroughly after handling. Empty containers retain residue and vapors and must be handled as if full. Completely rinse drum prior to disposal.



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INSTRUCTIONS IN CASE OF CONTACT OR EXPOSURE

Eyes: Flood with water for fifteen minutes. If irritation persists, call physician.

Skin: Wash off immediately with soap and water. Use a good emollient. If irritation persists, call physician.

Inhalation: Remove to fresh air.

Ingestion: Drink copious amounts of water. Do not induce vomiting. Seek medical attention.

Inhalation: Remove to fresh air. If irritation develops, call physician.

NOTICE

This product has been classified in accordance with the hazard criteria of the CFR.

DISCLAIMER

The information herein is given in good faith, but no warranty, either expressed or implied, is made. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein we cannot be sure or guarantee these are the only hazards, which exist.

CUSTOMER SERVICE

Factory personnel are available for assistance at 800-313-8505 and will send you additional information on products as necessary.

