

PRODUCT DESCRIPTION

Non-toxic soluble salt remover

INTENDED USES

For application to a wide variety of substrates in conjunction with hand and power tool cleaned steel, pressure washed steel at pressures of 3500 to 5000 psi. Vapor blast, conventional abrasive blast cleaned and Ultra High Pressure Water "UHP" blast cleaned steel. Chlor*Rid™ SP1 Rinse can be used anywhere a protective coating will be applied to a metal substrate and extended coating service life is desirable. Coatings applied over Chlor*Rid™ SP1 Rinse cleaned surfaces significantly outperform coatings which are applied over substrates prepared only by means of conventional surface preparation standards. Chlor*Rid™ SP1 Rinse is "coating-neutral," does not leave any residue, and is not a film-former. It can be used with any coating system and is an excellent remover of soluble salt and other non-visible contaminants in industrial, offshore structures, pulp and paper plants, bridges, and environments in both atmospheric exposure and immersion service systems.



Physical Data

Liquid material supplied in a 5-gallon pails

Color

Clear, very light amber liquid

Viscosity

None, water-like

Dilution Ratio

1:100 to 1:200

Equipment Dilution Ratios

Vapor blast, after UHP and conventional abrasive blast:
1:100 UHP water blasting "when injected": 1:200

Mix Ratio

1.28 ounces to 1 gallon of water used in equipment at 1% dilution

Mixing

1 gallon of Chlor*Rid™ SP8 Rinse to 100 gallons of preferably deionized water (1% solution) or fresh, clean potable water with less than 15 ppm of chlorides. Water quality could negatively impact end results and could shorten the time that the product is capable of preventing flash rust.

Method of Application

Injection by incorporating into blast stream of vapor blast, and Ultra High Pressure Water Blasting and after hand / power tool cleaning and after conventional abrasive blasting and UHP blasting.

Drying Time

Surfaces treated with Chlor*Rid™ SP1 Rinse will dry to touch within 20-30 minutes depending on the relative humidity, wind, and air movement, air temperature, and substrate temperature. Chlor*Rid™ SP1 Rinse washed surfaces may be coated as soon as the substrate is dry. In cool, humid conditions drying time may be accelerated by increasing air flow over the substrate. Be careful not to contaminate the surface. Deposition of atmospheric contaminants may settle on the Chlor*Rid™ SP1 Rinse prepared surface if left exposed and uncoated.

Targeting Corrosion at its Core™



Pot Life

Chlor*Rid™ SP1 Rinse working pot life is 30 days, depending on water quality. Mix only as much Chlor*Rid™ SP1 Rinse as needed for the project. The ready-to-use Chlor*Rid™ SP1 Rinse should be used within 30 days of mixing.

Clean Up

Thoroughly flush all equipment with potable water according to normal maintenance procedures. Dispose of clean up waste in accordance with all local ordinances.

Appearance After Application

After drying, carbon steel surfaces prepared with Chlor*Rid™ SP1 Rinse may exhibit a variety of appearances, from a bright, mirror-like finish to a dull gray appearance. Such variation is normal and depends on the composition of the steel, method of surface preparation, anchor profile (if any), and other factors. Effectiveness of the Chlor*Rid™ SP1 Rinse process may be confirmed by testing the surface for residual salts using industry approved methods.
