



Chlor*Rid® Soluble Salt Remover

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1. PRODUCT NAME

Chlor*Rid® Soluble Salt Remover (Patented).

2. MANUFACTURER

**Chlor*Rid, Represented by:
SAFE Encasement Systems**

4491 OAK CHASE LANE

Eagan, MN 55123

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3. PRODUCT DESCRIPTION

Chlor*Rid Soluble Salt Remover is a water based additive for use in pressure washing of metal surfaces before over-coating. Chlor*Rid greatly facilitates the removal of surface salts such as chlorides, fluorides, and sulfates from metal surfaces. These salts have two things in common: 1) Due to their polarity, they have a strong attraction to metal surfaces, and will remain even after repeated high-pressure washings. 2) If present in concentrations greater than 2 to 5 micrograms/cm² these salts will lead to premature failure of the coating system due to their strong catalytic effect of increasing corrosion rates.

The level of soluble salts can be as high as 100 micrograms/cm², due to obvious reasons such as road salts, process salts in the immediate vicinity, but also due to less obvious reasons such as the salt levels incorporated in fluxes, solders, weld residues, etc.

Chlor*Rid used in a high pressure washer at 1 to 2% concentration will reduce the surface salt contamination level to 2 to 5 micrograms/cm² in 1 to 2 passes.

BENEFITS:

- ✓ 1-2 pass efficacy.
 - ✓ Allows you to meet SSPC Specs for removal of soluble salts before overcoating.
 - ✓ Excellent Flexibility Over Wide Temperature Range.
 - ✓ Non Flammable.
 - ✓ No Solvents.
 - ✓ Safe and Easy to Use.
 - ✓ Environmentally Friendly.
- Warmer water yields best results.
 - In areas of high corrosion and pitting, slow the wash speed to allow for maximum penetration of the Chlor*Rid wash.
 - To determine surface salt concentration, use the Appropriate Chlor*Test kit, both before and after the Chlor*Rid wash takes place.

4. TECHNICAL DATA

- Color: Blue-Green
- Typical Coverage: 300-1000 sq. ft./gallon, at 1 to 2% in wash water
- No VOC's
- pH: 3.3
- Packaging: 1/5/55 US gallon sizes Single Component
- Shelf Life: 3 years
- Application Temperature: 33 to 250 degrees F, keep from freezing, if frozen, thaw before use.
- Clean up with water.

5. USE

- Add to the water of the pressure washer, 1 to 2%
- Can be added to the reservoir supply, or use a siphon tube or metering pump.
- Apply at 1 gal Chlor*Rid per 300-1000 sq. ft. of surface.
- Potable water or other approved source acceptable.
- Flush washer and lines prior to application.
- Hold pressure nozzle close to surface (4-8 inches), insure all surfaces are washed with direct high pressure.

6. AVAILABILITY & COST

SAFE Encasement Systems can be reached at (651) 454-4107 for ordering Chlor*Rid and the appropriate Chlor*Test kits.

7. WARRANTY

This product is warranted to be identical in chemical and physical properties from batch to batch within the specification limits of raw materials used in their manufacture.

8. MAINTENANCE

In order to determine the need for a Chlor*Rid treatment and the salt level after a treatment, use the Chlor*Test for determining the surface salt concentration.

9. TECHNICAL SERVICES

Contact SAFE Encasement Systems at (651) 454-4107.

10. SAFETY PRECAUTIONS

Keep out of reach of children. Do not mix with other chemicals (other than approved wash water). See the MSDS.

