

WeRP 6

WATER EMULSION RUST PREVENTIVE ENVIRONMENTALLY FRIENDLY
ALKALINE SPRAY CLEANER

▷ PRODUCT DESCRIPTION

WeRP 6 provides the high performance of conventional solvent/oil based rust preventatives without the flash/flare, safety, or housekeeping liabilities associated with them. WeRP 6 is a 10% solids, low VOC, non-toxic synthetic surfactant blend that deposits an ultra-thin uniform film when cured. The product is non-flammable and can easily be cleaned with detergent and hot water. The product is as thin as a solvent, yet it contains no solvent or mineral oils and is readily biodegradable. When fully cured, the thin film exhibits excellent high humidity protection. WeRP 6 is formulated with a multi-metal package to inhibit corrosion on yellow metals and to prevent magnetite corrosion due to stacking parts. Optimal coverage is as received in a dip tank, flow coating, or when brushed or sprayed using an airless or pneumatic spray gun. WeRP 6 is formulated with an optimal blend of preservatives to extend shelf life. WeRP 6 is an excellent choice for the last stage of a washer, as it will help disperse dirt while coating the parts with a near-imperceptible film. In many instances the product is paintable as in the benchmarking study done below.

▷ FEATURED BENEFITS

- Extremely low foaming characteristics ideal for high pressure washers
- Contains a preservative for maximum sump life yet is biodegradable
- Imperceptible thin film corrosion preventative offers superior rust protection and weldable surface
- Lean concentrations assure low consumption and cost effectiveness
- High detergency/surfactant package providing added cleaning power beyond alkalinity
- Contains no phosphates, nitrites, or silicones

APPLICATION



Paint Adhesion Test Method: R35 coupons dipped in respective rust preventatives, cured 24 hours. Top panels were sprayed with MIO shop primer and allowed to cure 24 hours. Bottom panels were not primed. Competitive Fluids on four right 4 panels. WeRP 6 on two left panels.





TYPICAL PROPERTIES

Fluid Type	Alkaline spray cleaner
Appearance	Creamy colored emulsion
Odor	Mild amine
Film Type	Non-sticky, near imperceptible
DFT dipped, 77°F (25°C)	<0.5 mil
Specific Gravity, 60°F (15.6°C)	0.990
Weight, lb/gal., 60°F (15.6°C)	8.23
Flash Point (COC)	Non-flammable
Viscosity (#2 Zahn cup), 77°F (25°C)	15 seconds
% Solids	11
Dry Time, 77°F, 25% RH	<40 minutes
pH	10.0
VOC (EPA Method 24)	< 0.38 lbs/gallon
Coverage	400 sq. ft./gal.
Freeze/Thaw (3 cycles)	Pass
Foaming Tendency	None

PROTECTIVE PROPERTIES

Water Fog	ASTM D 1735-08	>168 Hours
Humidity Cabinet	ASTM D 1748	>600 Hours
Iron Chip Test 1%	ASTM D 4627	Pass
Outdoor Storage	ASTM B 117	Not Recommended
Indoor Storage		Uncovered – 6 months Covered or Packaged – 1 year

Data on R-35 20-65 RMS 1010 steel panels.

PRODUCT CODE

5223B00000

HEALTH AND SAFETY

For health and safety guidance, please refer to the Chemtool SDS (Safety Data Sheets).