



PRODUCT INFORMATION

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EMERGENCY - MARTRON 704-289-1934
CHEMTREC 800-424-9300

REF. # MFC-002515

MARTRON RP-46NE

Rust Preventive Oil

Water Displacing: Fingerprint Suppressor & Neutralizer

1 DESCRIPTION

Martron RP-46NE is a combination rust preventive oil, cleaner, fingerprint neutralizer and suppressor. It is also water displacing rust preventive oil.

2 APPLICATION

Martron RP-46NE should be used as received. It may be used as a cleaner-rust preventive because it displaces water and removes perspiration residues. It also can be used to neutralize acidic contaminants which remain on work following pickling, plating or room temperature black oxide operations. **Martron RP-46NE** has a unique ability to be able to neutralize these acidic films and has found wide application in hard chrome plating cycles as a rust inhibitor following the hard chrome plating applications.

Martron RP-46NE may be applied by dip, spray or brush up to a temperature of 95°F. Films of **Martron RP-46NE** may be removed with solvents or alkaline cleaners. If application is by immersion, contact time should be a minimum of 30 seconds for best results. Should the parts being processed be wet, contact time should be long enough to properly displace the water. This is evidenced by small bubbles of water underneath the rust preventive film that indicate continued presence of water. Whether the application is dip, spray or brush, the rust preventive must sheet from the surface without these bubbles to insure proper corrosion protection.

3 EQUIPMENT

Tanks containing **Martron RP-46NE** should have a bottom drain to remove displaced water.

Characteristics

Physical form	Dark brown liquid
Odor	Oil
Effects on metal	Enhances corrosion protection on steel, cast iron, cuprous alloys, zinc, tin and aluminum
Foaming tendency	Moderate
Maximum solubility with water	Displaces
Normal working concentration	Use as received
Normal operating temperature	Ambient
Viscosity at 100° F	35 seconds
Film thickness (dip)	029 mils.
Flash point	140°F (PMCC)
Pour point	0°F
Humidity cabinet at 120° F	14 days
Type film	Thin oily
Coverage	1500 sq. ft./gal.

Weight per gallon	6.80 lbs./gal.
Water displacing test	Pass
Hydrobromic acid test (neutralization test)	Pass
Copper corrosion test (4 hour 212°F) ASTM 1-A	Pass
Mil Spec PRF 3150	Pass
Specific gravity	081-.83
Volatile components	Mineral spirits

4 SAFETY NOTES

Martron RP-46NE should not be used until a Safety Data Sheet (SDS) has been reviewed by supervisory as well as operating personnel.

5 DISPOSAL

Consult Federal, State and Local Authorities.

6 STORAGE

Store in clean, dry area. Keep away from flames. Keep containers closed when not in use and discard when empty.