



ARMAKLEEN™ M-RP **Aqueous Rust Preventative** **Product Information**

General Description

ARMAKLEEN™ M-RP is a water-based rust inhibitor that enhances corrosion protection to metal surfaces during the cleaning process and provides temporary indoor rust protection on parts after cleaning when left on surfaces. The amount of rust protection is dependent on many variables including the environmental condition of the storage facility. The unique oxidized polymer formula of ARMAKLEEN™ M-RP works effectively and often outperforms other water based rust preventatives without the use of nitrites or amines.

This versatile product can be manually added to all ARMAKLEEN™ aqueous cleaners to improve corrosion protection or used as a stand alone rust preventative in multiple stage cleaning systems. As an additive, simply add M-RP at 1 pint per 30 gallons of cleaning solution as needed to improve corrosion protection. As a stand alone rust preventative, ARMAKLEEN™ M-RP should be used at 1-3% by volume.

<i>FEATURES</i>	<i>BENEFITS</i>
No ozone depleting potential	Environmentally friendly
No VOC	No VOC permits required
Non-Hazardous	No SARA 313 & WHIMS reporting requirements
Non-Toxic	No special safety, handling or storage
No glycol ethers	Enhanced worker safety
Non-Flammable	Safe in all cleaning equipment
Low BOD/COD	Easy disposal
Low foaming	Suitable for use in high-pressure spray equipment
No Nitrate or Amines	Safer for workers than cleaners containing Nitrites or Amines.

SK Part Numbers

ARMAKLEEN™ M-RP (5 gallon pail) SK P/N: 6342

Operating Parameters - As a rust inhibiting additive

Add 1-gallon per 30 gallons of cleaning solution. No other changes to the cleaning bath are required.

Operating Parameters - As a stand alone rust preventative

Concentration: 1-3% by volume

Operating Temperature: Ambient to 150°F

pH at 2-5% by volume: 10.6 – 11.2

Equipment Recommendation:

Spray Washers – Cabinet Washers, In-Line Spray Systems, etc.
Immersion Tanks – Agitated and Ultrasonic System

Substrate Compatibility

Steel, stainless steel, cast iron, aluminum, copper, brass and other alloys

Compliance Information

MSDS Information: SK P/N 82844 Cleaning Solution (English version)
SK P/N 82784 Concentrate (English version)
SK P/N 82873 (French version)

Titration Information

SK P/N 4623 Total Alkalinity Titration Kit (order through branch SAP).

Precautions

Foaming may occur at operating temperatures below 100°F in spray application. Spotting may result at elevated usage concentrations. Water rinsing after RP application will remove the protective coating.

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