



ARMAKLEEN™ M-301 Heavy Duty Aqueous Cleaner Product Information

General Description

ARMAKLEEN™ M-301 is an aggressive liquid cleaner designed specifically for cleaning difficult to remove contaminants from steel. It may also be used on brass and copper provided the materials are rinsed immediately after cleaning. The unique chemical composition of ARMAKLEEN™ M-301 makes it ideal for use in spray, immersion, and agitated immersion applications. This non-emulsifying formula can be used effectively with oil skimming or coalescing systems to allow tramp oil removal and extend solution life.

When left on metal surfaces, ARMAKLEEN™ M-301 provides temporary indoor rust protection during storage and between operations. The amount of rust protection is dependent on environmental conditions of the facility.



NSF Registered: ARMAKLEEN™ M-301 is acceptable for use as a general cleaner (A1) on all surfaces in and around food processing areas, where its use is not intended for direct food contact. Use of ARMAKLEEN™ M-301 in food processing or handling facilities requires that all food products and packaging materials be removed or protected prior to product use. A potable (drinkable) water rinse of cleaned surfaces is required after use of this product. When used at proper concentrations, ARMAKLEEN™ M-301 shall not exhibit a noticeable odor nor leave a visible residue.

<i>FEATURES</i>	<i>BENEFITS</i>
Cleaner/Rust Preventative	Cleans and protects metal from rusting
Low foaming	Will not foam in spray applications
Versatile	Can be used in spray and immersion units
Oil splitting	Allows for easy removal of tramp oil for extended cleaner life
No phosphates	Better for the environment
No VOC	Meets EPA Emissions Test 24
Non-flammable	Safe in all cleaning equipment

SK P/N: 6438 (55 gallon drum)

SK P/N: 6338 (5 gallon pail)

Operating Parameters

Operating Temperature: 100°F - 190 °F

Operating Concentration: 5% - 20%/volume

pH Concentrate: 14

pH at 10%/volume: 13.2

Equipment Recommendations

Spray, immersion, agitated immersion and ultrasonic units

Soil Compatibility

Heavy grease, oil, Metalworking coolants, drawing, stamping compounds & rust preventatives

Substrate Compatibility

Stainless Steel, steel, cast iron, copper, brass and other ferrous alloys

MSDS Information

SK P/N: 82849 (English version)

SK P/N: 82895 (French Canadian version)

Machine Solution Label

SK P/N: 81769

Titration Information

SK P/N 4596 Free Alkalinity Titration Kit (order through SK SAP)

Additives

ARMAKLEEN™ M-Defoamer HD SK P/N 6310 (Pints – 8 per case)

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

Precautions

Do not use this product on aluminum or other non-ferrous metals. Foaming may occur in high pressure spray washers at operating temperatures below 100 °F

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IMPORTANT: The information presented in this product labeling and literature, while not guaranteed, is true and accurate to the best of our knowledge. No warranty, express or implied, is made regarding performance, stability or otherwise. Such information is not intended to be all-inclusive, and the manner and conditions of particular uses may involve other or additional preparatory, performance or safety considerations. While our technical personnel will be happy to respond to questions, safe and effective handling and use remains the responsibility of the user.