

**ARMAKLEEN™ M-Aero**  
**Aqueous Metal Cleaner**  
*(For Spray & Agitated Immersion Applications)*  
**Product Information**

**General Description**

ARMAKLEEN™ M-Aero is an aqueous cleaner designed primarily to meet Aerospace cleaning specifications but should also be used when corrosion to the metal surface is a major concern as in the case with Aerospace alloys like aluminum, magnesium, and titanium. This product is also effective and safe on steel, stainless steel, copper and brass. ARMAKLEEN™ M-Aero is a versatile cleaner used primarily in spray washers but is also effective in immersion, agitated immersion and ultrasonic units. It is also the product of choice for use in hand held pressure washers and steam generators. ARMAKLEEN™ M-Aero cleans a wide variety of contaminants like machining oils, stamping lubricants, rust preventatives and other commercial and industrial soils.

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

***M-Aero conforms to the following specifications...***

- Boeing BAC 5763 Emulsion cleaning and aqueous degreasing, Type II, Class 1 & 2, Grade B
- Boeing BAC 5749 Alkaline cleaning, Boeing PS 12024 cleaning, aqueous degreasing
- Boeing D6-17487 Exterior and general cleaners and liquid waxes
- Boeing PS-12024 Cleaning, aqueous degreasing
- AMS 1526B Cleaner for aircraft exterior surfaces water-miscible, pressure spraying type
- Douglas Aircraft CSD#1 General purpose cleaner
- Pratt & Whitney PMC 1440 Aqueous metal cleaner
- Rolls Royce CSS200 Control procedures for the purchase and supply of consumable materials used during manufacture
- GM FID#334052
- Ford Tox #151174
- Chrysler NPM#12-270-2834

<b><i>FEATURES</i></b>	<b><i>BENEFITS</i></b>
Low Foaming	Will not foam in spray applications as low as 120°F
Multi-Metal Safe	Can simultaneously clean steel, aluminum, brass and copper
Versatile	Effectively cleans in spray immersion and ultrasonic units
Cleaner/Rust Preventative	Cleans metals and provides short term rust protection
Non flammable	Improves employee safety and eliminates fire hazards
No VOCs	Meets Air Quality standards for VOC emissions

## **SK Part Numbers**

ARMAKLEEN™ M-Aero (55 gallon drum) SK P/N: 6430

ARMAKLEEN™ M-Aero (5 gallon pail) SK P/N: 6330

## **Operating Parameters - Parts Cleaning and Hand Held Pressure Washers**

**Operating Temperature:** 120 - 160°F

**Operating Concentration:** 10-20% by volume

**pH Concentrate:** 11.6

**pH at 10% by volume:** 11.0 -11.3

## **Operating Parameters - Steam Cleaning**

**Operating Temperature:** steam

**Operating Concentration:** 3 -10% by volume

## **Equipment Recommendation:**

Spray washers, mass finishing, agitated immersion tanks, ultrasonics and steam generators

## **Soil Compatibility**

Grease, oil, lubricants, machining fluids, rust preventatives, metal working compounds, and other commercial and industrial soils

## **Substrate Compatibility**

Steel, stainless steel, aluminum, copper, brass, magnesium, titanium and other alloys

## **Compliance Information**

**MSDS Information:** SK P/N 82796 Concentrate (English version)

SK P/N 82794 (French version)

## **Titration Information**

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

## **Additives**

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

ARMAKLEEN™ M-RP (for added rust protection) SK P/N 6342 (5-gallon pail)

## **Precautions**

Foaming may occur in air or aggressively agitated systems at operating temperatures below 120°F. Prior to Black Light Non-Destructive Testing (NDT), cleaned parts must be rinsed with hot water before drying.

**Updated January 2008**

*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, effective handling and use remains the responsibility of the user.*