



I. Product Description

Aviation Surface Cleaner is a concentrated, water-based alkaline cleaner designed for cleaning all exterior surfaces of aircraft, including exhaust tracks and wheel wells.

II. Applications

Recommended and formulated as a water soluble concentrate to perform on all types of surface contaminants from atmospheric build-up to heavy engine exhaust. Due to the concentrate, it can be used full strength for cleaning heavy carbon build-up or diluted as needed for medium to routine cleaning. Simply adjust the dilution rate to meet your cleaning needs.

III. Features & Benefits

- **Versatile.** Can be used in high pressure, foam generating or robotic washing equipment.
- **Excellent Hard Water Tolerance.**
- **Controlled Foam Product.** Rinses off easily from all surfaces with no streaking.
- **High Viscosity.** Surface Cleaner clings to vertical surfaces.
- **Contains No Petroleum Solvents, Acids, or Phosphates.** Safe on acrylic plastics, ferrous metals, aluminum, magnesium, titanium and cadmium plated steel.

IV. Physical Properties

Flash Point	>200° F
Odor	Mild
Appearance	Clear blue liquid
Vapor Density	>1 (air = 1)
VOC Content (Fed)	63 g/L
Sara Title III, Sect 313 Chemicals	No
Prop 65	No

Boiling Point	205°F
Freezing Point	26° F
Solubility	complete in H ₂ O
% Volatile	>93%
Specific Gravity	1.016
pH	11.65

V. Specifications and Approval

- Boeing D6-17487
- McDonnell Douglas CSD #1
- AMS 1526B
- Mil-C-87936, Type I

VI. Performance Characteristics

ASTM F-484 (Plastics)	Conforms
Sandwich Corrosion	Conforms
Hydrogen Embrittlement	Conforms

VII. Directions

- Wet area to be cleaned and apply **Aviation Surface Cleaner** by spraying, wiping or brushing.
- Use a soft bristled brush to assist in loosening dirt and contaminants.
- Once area has been brushed, simply rinse with a hose.
- **Aviation Surface Cleaner** can also be used through most pressure spraying equipment.
- **Aviation Surface Cleaner** is designed to wash away dirt and grime, leaving surfaces free of residue.
- Always rinse all areas of the aircraft after using Surface Cleaner.
- Dilute as needed (see chart below).

<u>Recommended Dilution</u>	<u>Application</u>
1:1 or conc.	Heavy Engine Exhaust, Carbon Build-Up, Wheel Wells, Brake Assemble Exterior, Leading Edges, Landing Gears
10:1	Medium Contaminants on: Fuselage, Trailing Edges, Wing Areas, Tail Assemblies
25:1	Light Contaminants on: Fuselage, Wings and Flaps, Cowlings, Rudders, Empennages
	*Always rinse immediately with water. If necessary reapply for hard to clean areas.

VIII. Disposal

Disposal requirements vary by state and local jurisdiction. All used and unused product should be disposed of in conformance with local, state and federal regulations.

IX. Special Use Warnings

General

Use only in well ventilated area. Ventilation may be improved by opening a window or door or providing mechanical assistance. Avoid continuous breathing of vapor and spray mist. Avoid contact with skin and eyes. If ventilation is not adequate, respiratory protection should be worn. For more information regarding short term and long term exposure, review this product's Material Safety Data Sheet.

DISCLAIMER: This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. All products should be tested for suitability on a particular application prior to actual use. CRC Industries, Inc. makes no representations or warranties of any kind concerning this data.

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