

ORISON

SC-AIRCRAFT & METAL CLEANER



Heavy Duty Aircraft Wash By Gemtek Products

CERTIFICATIONS:

Biobased

- Mil Prf 87937D, Type IV
- Mil Prf 85570C, Type II
- Boeing D6-17487R
- Airbus AIM09-00-002
- AirbuDouglas CSD#1
- TSA Biobased Cleaner
- NYC Transit S-70-01-96D
- Chicago Transit #1467820
- California SCAQMD

Why have Dyess AFB, Shepard AFB, WV ANG, Cannon AFB, Altus AFB, FW NAS, and contractors such as General Dynamics, DynCorp., Lear Siegler, and Sikorsky all used SC-Aircraft & Metal Cleaner?

Environmental - No reporting; Non-Toxic, Low/No VOC's, No HAP's, Readily biodegradable; Quick Release

Effectiveness - Best side-by-side performance test (per Dyess AFB)

Safety - Non-Toxic; Non-Hazardous; HMIS Ratings = Health:0, Fire:0, Reactivity:0

Logistics - No transportation restrictions

Ease of Purchasing - Readily available through www.orisonmarketing.com, GSA Advantage & DoD EMALL

Ease of Use - spray on & wipe off

Economics - available in Concentrate, Ready-To-Use Heavy Duty (1:4) and Regular Duty (1:9); Cost avoidance with Orison's tote return program

GENERAL EXTERIOR	RADOM & EQUIPMENT COMPARTMENT	ENVIRONMENTAL CONTROL DUCTING	TURBINE EXTERIOR & BAY AND DOORS
INTERIOR PANELS	COCKPIT INTERIOR	FLOOR & DECK	ELASTOMERIC SEALS
WHEELS & BRAKES	LANDING GEAR	RELIEF TUBES	ROTOR BLADES
HOIST DRUMS	RESCUE SLINGS	FABRICS/UPHOLSTERY	BILGE AREAS

LOW EMULSIFYING, QUICK RELEASE FORMULA DOES NOT INHIBIT OIL/WATER SEPARATORS

PROTECTS YOUR PERSONNEL AND EQUIPMENT



SC-Aircraft is an advanced non-ionic surfactant system especially formulated for use on non-ferrous and soft metal surfaces such as aluminum and magnesium. SC-Aircraft causes long chain hydrocarbon soils such as JA or JP fuels, lubricants, hydraulic fluids and other soils to release from the surface so that they can be rinsed away with water. SC-Aircraft will NOT react with other chemicals to create hazardous conditions, may be used without any special PPE or handling precautions and may be stored indefinitely.

SC-Aircraft is water-miscible, has dielectric and anti-oxidant properties and may be used in foaming units, soak tanks, manufacturing process cleaning, pressure washers, steam cleaners, throughput, ultrasonic, and centrifugal machines.

No Salt Based Chemicals, Glycol Ethers, Terpenes, or Petroleum Solvents!

AVAILABILITY

Concentrate
Ready-To-Use Heavy Duty
Ready-To-Use Light Duty

PACKAGING

1 Gallon
5 Gallon
55 Gallon
275 Gallon
300 Gallon
Bulk Truck

HMIS	
HEALTH	0
FLAMMABILITY	0
INSTABILITY	0
SPECIFIC	0



07/19/18

ALSO AVAILABLE IN 2 READY-TO-USE DILUTIONS. PLEASE CALL FOR PRICING.

TESTING

MIL PRF 87937D

Aquatic Toxicity - EPA/600/4-90/027

Biodegradability - Shake Flask

Chemical Characteristics

Flash Point - ASTM D 56

Emulsion Characteristics - per 87937

Cleaning Efficiency - per 87937

Residue Rinsibility - per 87937

Heat Stability - per 87937

Cold Stability - per 87937

Hydrogen Embrittlement - ASTM 519

Type 1C Cd plated

IVD Aluminum coated 4340 steel

Total Immersion Corrosion - ASTM 483

Mg (AZ 31B-H24) AMS 4377 surface treatment per SAE AMS-M-3171, Type III

Aluminum, SAE AMS-QQ-A-250/4, T3 surface treatment per Mil-A-8625, Type I, Class I

Aluminum, SAE AMS-QQ-A-250/4, Bare T3 Alloy

Aluminum, SAE AMS-QQ-A-250/4, Bare T6 Alloy

Titanium, SAE AMS-T-9046, 6Al-4V Class III, Comp. C

Steel, AMS 5046, Grade 1020

Steel, 410 SS, Silver Plated per SAE AMS 2410

Low Embrittlement Cd Plate Corrosion - per 87937

Effects On Unpainted Surfaces - per 87937

Sandwich Corrosion - per 87937

2024-T3 Bare Anodized

2024-T3 Alclad

7075-T6 Bare Anodized

7075-T6 Alclad

Wet Adhesion Tape Test

Primer - Mil Prf 85582, Type I, Class 1B Waterborne Epoxy; Topcoat - Mil Prf 85285 Type I High Solids Polyurethane, Color 34092

Primer - Mil Prf 23377, Type I, Class C High Solids Epoxy; Topcoat - Mil Prf 85285 Type I High Solids Polyurethane, Color 34092

Primer - TT-P-2760, Type I, Class C High Slids Elastomeric Polyurethane; Topcoat - Mil Prf 85285 Type I High Solids Polyurethane, Color 34092

Effect on Painted Surfaces - per 87937; Epoxy, Polyurethane, Enamel

Stress Cracking Acrylic Plastics

Mil Prf 5425 (Type A)

Mil Prf 25690 (Type C)

Stress Cracking of Polycarbonate Plastic - Mil P 83310 (Polycarbonate)

Long-term Storgability - 12 months per 87937

Hot Dip Galvanizing Corrosion

Effect on Polysulfide Sealants

Mil S 81733, Type 1

Mil S 8802, Type 1

Rubber Compatibility

AMS 3204

AMS 3209

Effect on Polyimide Insulated Wire

Douglas CSD #1

Effect on Painted Surfaces - ASTM F 502

Residue Test - ASTM F 485

Sandwich Corrosion Test

2024-T3 Bare/Alodined per MIL C 5541

2024-T3 Bare/Anodized per MIL A 8625

2024-T3 Clad//Alodined per MIL C 5541

2024-T3 Clad/Anodized per MIL A 8625

7075-T6 Clad//Alodined per MIL C 5541

7075-T6 Clad/Alodined per MIL A 8625I

Stress Cracking Test On Acrylic Plastics - ASTM F484, Type C

Immersion Corrosion Test - ASTM F 483

Cadmium Removal Test - ASM F 1111

Hydrogen Embrittlement - ASTM F 519, Type 1C

Cleaner for Aircraft Exterior Surfaces, Pressure Spraying Type - AMS 1526

Effect of Cleaning Agents on Aircraft Engine Materials - ARP 1755B

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Boeing D6-17487R

Sandwich Corrosion Test - ASTM F1110

Clad 7075-T6 Aluminum

Bare 7075-T6 Aluminum)

Acrylic Cracking - ASTM 484, Type C

Paint Softening Test - ASTM F502

BMS 10-79 Type II primer w/ BMS 10-60 Type II enamel

BMS 10-79 Type III primer w/ BMS 10-100 Coating

Hydrogen Embrittlement - ASTM F 519-77, Type 1C Cd Plated

PLUS...

- **Airbus AIMS09-00-002**
- **Mil Prf 85570C, Type II**
- **NYC Transit S-70-01-96D**
- **Chicago Transit #1467820**
- **California SCAQMD**

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