

Aviation Degreaser II

Single Purpose Degreaser for Aircraft and Aircraft Parts

Product# 1647-16S

Product Description

Aviation Degreaser II is a single purpose aviation degreaser, with strong grease removal of hydraulic fluid, fuel oils, lubricating oils and greases, and other organic residues. It is fast evaporating, quick penetrating, and ideal for cleaning aviation parts.

Features / Benefits

- Strong cleaner for removing hydraulic and lubricating fluids
- Nonflammable, fast-drying and leaves no residue
- Does not contain n-propyl bromide
- Dielectric breakdown of 11.9 kV per ASTM D877
- Compliant with Boeing Spec D6-17487 Rev. T and American Airlines CPN 4238063
- Compliant with NESHAP 63.741-753

Specifications

Boeing D6 17487, Rev T, conforms to all test requirements:

- Sandwich corrosion test
- Paint softening test
- Hydrogen embrittlement test
- Stress crazing test

Meets (modified) MIL-PRF29608 (AS) 2008 – with the exception of flux removal (not tested).

Performance Test Data

Effective on the following soils typical in the aero industry:
Tests based on modified version of MIL-PRF 29608 (AS) (2008)

- Castrol Aero 40
- Aeroshell Grease #5
- Aeroshell Grease #33
- Dow Corning 111 Silicone Grease
- Krytox 240AC Aerospace Grease (MIL-PRF 27617 Type III)
- GE F-50 Silicone Oil
- Silicone Damping Fluid (meets VV-D-1078)
- BP Turbo Oil #2197
- Mobil Grease #28
- Skydrol LD4 Fluid
- Royco 782 Hydraulic Fluid (meets MIL-H-83282)
- Lubrizol AloX 165L (meets MIL-C-81309)
- Lockguard 9075 (meets MIL-C-81309)



Typical Product Data and Physical Properties

Physical State:	Liquid
Odor:	Faint ethereal odor
Color:	Clear
Refractive Index:	1.33 @ 20°C
Percent Volatile:	100
Density:	1.29 g/ml @ 20°C
Flammability	
Flashpoint (Method):	none (TAG CC)
GHS Flammability: Nonflammable Aerosol (passes Ignition Distance and Enclosed Space test requirements)	
TS-048: (modification of NFPA 704 Annex C)	Will not sustain combustion to dry point
NFPA Storage Level 1	
Environmental:	
VOC – Comp VP:	44.99 mm Hg @ 20°C
VOC – EPA & SCAQMD:	12.6%
VOC – CARB:	Single Purpose Degreaser, No Cap
ODP:	0
GWP:	1300 (max)
Shelf life:	5 years

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Material Compatibility

ABS:	Excellent
HDPE:	Excellent
LDPE:	Good
Lexan:	Excellent (unstressed) Fair (stressed)
Nylon 6:	Excellent
Nylon 6/6:	Excellent
Phenolic CE:	Excellent
PMMA/Plexiglas:	Excellent (unstressed) Fair (stressed)
Polypropylene:	Excellent
Polystyrene:	Excellent
POM:	Excellent
PVC:	Excellent
Teflon:	Excellent

Usage Instructions

Make sure opening of spray head is pointing toward surface to be cleaned. Hold can 6-8 inches away from aviation part to be cleaned. Direct spray to saturate soiled surface. A brush may be utilized to help in the removal of heavy soils. Start at top of area to be cleaned using a sweeping motion, and spray the area slowly, working towards the bottom. To clean in hard to reach areas, insert extension tube in spray head to direct spray. Do not use on energized equipment. For cleaning of aviation parts, saturate a lint-free wipe. Wipe surface with cloth. Rotate the cleaning side of the wipe periodically and resaturate.

Packaging and Availability

Aviation Degreaser II is available in the following packaging:
1647-16S 16 oz. Aerosol Can

Environmental Policy

Techspray® is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.

Resources

Techspray® products are supported by global sales, technical and customer services resources.

For additional technical information on this product or other Techspray® products in the United States, call the technical sales department at 800-858-4043, email tsales@techspray.com or visit our web site at: www.techspray.com.

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