



## Precision-V Aviation Maintenance Cleaner Product# 2870

### Product Description

Precision-V Aviation Maintenance Cleaner is a plastic safe, nonflammable cleaner formulated for cleaning painted aviation components and assemblies, and minimizing repair downtime. This precision cleaner is fast drying and has good solvency for oil, handling soils, dirt, and light residues. It is neither reactive nor corrosive to metals commonly found in the aviation and avionics assemblies.

Precision-V Aviation Maintenance Cleaner has low global warming potential (GWP), zero VOC (per EPA), and non-ozone depleting. It is an ideal replacement for cleaners containing Freon, HFC-141b and AK225.

### Specifications

- NASA/TP-2015-218207
- SAE ARP1176

### Features / Benefits

- Removes dirt, oil, carbon, and oxide residues from airframe, power plant & flight control systems
- Ideal for aircraft surfaces exposed to hydraulic fluids and contaminants
- Nonflammable
- Frost-free
- Safe on most commercial resins, plastics, urethanes & synthetic gaskets
- Rapid evaporation minimizes down time
- Zero residue
- Extension tube included for pin-point accuracy
- Does not contain any brominated solvents nor chlorocarbons
- Low toxicity – does not contain nPB, TCE or perc
- VOC-free (per EPA) & Low GWP
- Meets EU F-gas requirements
- Non-ozone depleting
- Dielectric withstand voltage of 41K



### Typical Product Data and Physical Properties

Physical State	Liquid
Odor	Characteristic
Color	Clear
Percent Volatile	100
Flash Point (Method)	none (TAG CC)
KB Value	25
Surface Tension	17 dynes/cm
Density	1.27 g/ml @ 25°C
Vapor pressure (mmHg)	1.4 psig @ 70°F
VOC Content*	CARB 71% by wt.
	SCAQMD 0 g/L
	EPA 0%
GWP	<3
RoHS	Yes
Shelf life	5 years

\* Volatile Organic Compound (VOC) information is calculated on a weight basis using the VOC definition of California Air Resources Board (CARB) Consumer Product Regulations, South Coast Air Quality Management District (SCAQMD) Rule 102 and the Federal definition published in 40 CFR 51.100(s).

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### Material Compatibility

Material Name	Plastics Compatibility
ABS	Fair
Buna-N	Fair
EPDM	Good
HDPE	Good
Kynar	Good
LDPE	Good
Neoprene	Good
Noryl	Good
Nylon 6/6	Excellent
Polycarbonate	Good
Polyethylene	Good
Polypropylene	Good
Polystyrene	Not recommended
Polyurethane	Not recommended
POM	Good
PVC-P	Excellent
PVC-R	Excellent
Silicone	Good
Teflon	Excellent
Viton	Not recommended

### Usage Instructions

Make sure opening of spray head is pointing toward surface to be cleaned. Hold can 6-8 inches away. Direct spray to saturate soiled surface. A TechBrush™ (2000 Series) 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. Allow components to dry completely before applying current. Allow liquid to dry before supplying power. For flat surface cleaning, saturate a lint-free maintenance wipe and wipe surface with cloth. Rotate the cleaning side of the wipe periodically and re-saturate.

### Packaging and Availability

**2870-19S** 19 oz (539 g) aerosol

### 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](mailto:tsales@techspray.com) or visit our web site at: [www.techspray.com](http://www.techspray.com).

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