## *I. Product Description*

**Aviation Precision Contact Cleaner** is an aggressive HCFC based precision cleaner designed to remove contaminants from Avionics electrical and electronic equipment. **Aviation Precision Contact Cleaner** provides a cost effective alternative to CFC 113 based cleaners when sensitive plastics are not a concern. **Aviation Precision Contact Cleaner** contains HCFC's and may only be sold to professionally licensed customers and must be used in accordance with appropriate federal regulations.

## *II. Applications*

Recommended for the effective removal of light oils, dirt, dust, hydraulic oil, fingerprints, flux and other light contaminants from contacts, metal switches, motors, relays, generators, edge connectors, buss bars, circuit breakers, scales and sensors. Not recommended for use on Noryl® or polycarbonate type plastics.

## *III. Features & Benefits*

- **No Flash or Fire Point**. Significantly reduces the risk of fire caused by incidental contact with live electrical equipment, increasing user safety.
- **Fast Evaporation**. Minimizes downtime associated with "clean-in-place" cleaning methods**.**
- **Leaves No Residue.** Prevents harmful build-up on contacts.
- **No Class I Ozone Depleting Chemicals**. Offers superior performance while complying with the EPA regulations on the use of CFCs.
- **M.S.D.[L.]™ Material Safety Data Label.** Provides instant access to current safety information should an accident or OSHA inspection occur. Helps comply with **OSHA Hazard Communications Standard 29 CFR 1910.1200.**

## *IV. Physical Properties without propellant*

| | | | |
|---|---|---|---|
| **Flash Point.** | None | **Boiling Point.** | 89.6°F |
| **Odor** | Faint ethereal | **Freezing Point** | Not determined |
| **Appearance.** | Clear | **% Volatile** | 100 |
| **Vapor Density.** | 4.1 (air = 1) | **Solubility** | Negligible in $H_2O$ |
| **VOC Content (Fed.)** | Exempt | **Specific Gravity** | 1.24 @ 70°F |
| **Vapor Pressure** | 10 psia @ 70°F | **pH** | Not applicable |
| **Sara Title III, Sect 313 Chemicals** | Yes | **Propellant** | $CO_2$ |
| **Prop 65** | No | | |

## *V. Specifications and Approvals*

- Not applicable.

## *VI. Performance Characteristics*

| | |
|---|---|
| **ASTM D-877 (Dielectric Strength)** | 21,000 volts |
| **ASTM D-1130 (KB Value)** | 51 |

## *VII. Directions*

- Spray liberally on surface to be cleaned and allow to run off.
- Use of an abrasive on heavy carbon deposits or corrosion to accelerate cleaning.
- May be harmful to some plastics.
- Do not use on polycarbonate plastics, such as Lexan®.
- Due to risk of electric shock, do not use on energized equipment.
- Follow routine maintenance schedule for prolonged equipment life and increased performance.

## *VIII.Package Description*

| Part Number | Container Size |
|---|---|
| 10330 | 16 oz Aerosol |

## *IX. 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.

## *X. Special Use Warnings*

**Aerosol Cans**
Do not puncture, incinerate or store above 120° F. Exposure to high temperatures may cause can to burst. Do not place in direct sunlight or near any heat source. Aerosol cans will conduct electricity. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

**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.