

D-5671NS / ZC-671 Bulk

Description

D-5671NS Contact Cleaner is a completely non-ozone depleting formulation (no CFCs or HCFCs). This multi-functional azeotrope is ideal for use on electronic components and energized circuits. D-5671NS is very effective in solubilizing a wide range of soils and surface contaminants, is non-flammable and plastic safe. D-5671NS exhibits extremely low solubility of moisture which lends it to applications such as displacement drying and cleaning of water sensitive components. It's high density coupled with low viscosity and surface tension results in even surface coating and penetration into complex geometries. D-5671NS is the prime choice as a replacement for HCFC-141b in avionic applications, and has been rated as an excellent cleaning agent for parts and equipment in oxygen-enriched service. It has a cleaning efficiency factor of 1.00 per ASTM G-121 and ASTM G-122.

Application

D-5671NS can be sprayed directly into problem areas to loosen, lift and flush away light to medium deposits of undesirable oils, greases and oxide build-up. The propellant system and active ingredients are nonflammable and highly efficient, guaranteeing complete evacuation of the contents with steady and reliable pressure (even when inverted). For applications involving sensitive plastic or rubber components we recommend D-5665NS.

Physical Properties

- Boiling Point:** 41°C
- Flash Point:** None
- Specific Gravity:** 1.37
- Ozone Depletion:** 0
- Surface Tension (dynes/cm):** 16.6
- Viscosity (cps):** 0.45
- VOC:** 50% by weight
- Vapor Pressure:** 383 mm of Hg
- Appearance:** Clear, colorless
- Low Heat of Vaporization (cal/g):** 48

MilSpec

Other

Features

- Non-Ozone Depleting
- Fast Evaporation
- Non-Flammable
- Very Low Surface Residue
- Plastic Friendly
- Low GWP
- Low Surface Tension
- Solubilizes select range of soils
- Low Odor
- Low Toxicity Levels

Specifications

D-5671NS conforms to the following specifications:
Sandwich Corrosion Test (ASTM F1110)
Paint Softening Test (ASTM F502)
Hydrogen Embrittlement (ASTM F519-77)
Hydrogen Embrittlement (ASTM F519-1c)
Residue Test (ASTM F485)
Immersion Corrosion Test (ASTM F483)
Cadmium Removal Test (ASTM F483)
Low Embrittling Cd Plate (ASTM F111)
Flash Point (ASTM D56)

Packaging

Aerosol, quarts, gallons, 5 gallons, drums
Special packaging upon request

Commercial Specifications