

### ZC-665



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### *Product description:* **CONTACT CLEANER**

#### **FEATURES:**

- ▶ A multi-functional azeotrope with a non-ozone depleting formulation (no CFC's or HCFC's)

#### **KEY BENEFITS:**

- ▶ Safe for use on plastics
- ▶ Very low surface residue
- ▶ Low toxicity levels
- ▶ Very effective in solubilizing a select range of soils and surface contaminants
- ▶ Non-flammable (Ingredients)
- ▶ VOC exempt (Ingredients)
- ▶ Low GWP
- ▶ Low odor
- ▶ Fast evaporation
- ▶ Highly efficient (Ingredients)
- ▶ Exhibits an extremely low solubility of moisture
- ▶ High density of **ZC-665** coupled with its low viscosity and low surface tension, results in it coating surfaces evenly and penetrating into complex geometries
- ▶ Can be applied directly into problem areas to loosen, lift, and flush away light deposits of undesirable oils, greases, and oxide build-up



Rev: 29119C  
12-02-2025



For more information contact us :  
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**Note:** **ZC-665** will be discontinued at some point in 2025 as it contains 3M HFE material which 3M has decided to stop manufacturing by 2025. Customers should consider stockpiling **ZC-665** while it stills available. **Sur-Prep® 123** has already been qualified as a replacement for oxygen system cleaning and general-purpose cleaning and can be purchased in bulk and aerosol formats.

#### **SPECS:**

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>• Boeing BAC 5402</li><li>• Boeing BAC 5750</li></ul> | <ul style="list-style-type: none"><li>• MIL-STD-1330D</li></ul> |
|---|---|

#### **APPLICATIONS:**

- ✓ Ideal for use on electronic components and energized circuits
- ✓ Use in applications, such as the displacement drying and cleaning of water sensitive components
- ✓ Available in aerosol as **D-5665NS**
- ✓ For heavier duty degreasing applications, use **Sur-Prep® 5672**
- ✓ Store **ZC-665** at 40° - 100°F (4.4° - 37.8°C) in the original unopened containers



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#### **PHYSICAL PROPERTIES**

- ▶ **Appearance:** Clear / Colorless
- ▶ **Boiling Point (°C):** 60
- ▶ **Composite Vapor Pressure @ 23°C (73°F):** 0 mm of Hg
- ▶ **Dielectric Strength Constant @ 25°C (77°F) (Oil In Gap):** 28 KV<sup>9</sup>
- ▶ **Flash Point (°C):** None
- ▶ **Liquid Density (grams/mL):** 1.50
- ▶ **Low Heat of Vaporization (cal/grams):** 0.28
- ▶ **O-Zone Depletion:** 0.00
- ▶ **Shelf Life:** 3 Years From Date Of Shipment If Properly Stored
- ▶ **Surface Tension (Dynes/cm):** 13.60
- ▶ **Viscosity (cps):** 0.61
- ▶ **VOC:** None
- ▶ **Viscosity (cps):** 0.61
- ▶ **VOC:** None



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#### **AVAILABLE PACK SIZES:**

##### **ZC-665**

- ▶ 5 Gallon (18.9 Liter) Pail-002158
- ▶ 55 Gallon (208 Liter) Drum-007571
- ▶ Special Packaging Upon Request

##### **D-5665NS**

- ▶ 16 fl oz (473 mL) Aerosol-002074

##### **Sur-Prep® 123**

- ▶ Case of 12 Aerosols-102815
- ▶ 10 Pound (4536 gram) Cylinder-102933
- ▶ 50 Pound (22680 gram) Cylinder-102934
- ▶ Special Packaging Upon Request

##### **Sur-Prep® 5672**

- ▶ 16 fl oz (473 mL) Aerosol (008284)
- ▶ Case of 4 each Gallon (4 each of 4.8 Liter) Cans (008781)
- ▶ 5 Gallon (18.9 Liter) Pails (008782)
- ▶ 55 Gallon (208 Liter) Drums (008783)
- ▶ Special packaging upon request