

### 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: 29121E  
06-24-2026

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**Note:** ZC-665 has been discontinued as it contains **3M HFE material** which **3M** has decided to stop manufacturing. Customers should consider stockpiling **ZC-665** while it is still available. **Sur-Prep® 123** and **Sur-Prep® 5680** have already been qualified as **non-flammable replacements** for **oxygen system cleaning** and **general-purpose cleaning** and can be purchased in **bulk** and **aerosol formats**. If it is not necessary to use a **non-flammable cleaner** for **general-purpose cleaning** and the **cleaning of oxygen systems**, then the alternative product to use is **Sur-Prep® 5677**. **Sur-Prep® 5677** is available for purchase in **bulk** and **aerosol formats**.

### SPECS:

- Boeing BAC 5402
- Boeing BAC 5750
- MIL-STD-1330D

### 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**
- ✓ Refer to the **ZC-665** application manual for detailed application instructions. This manual can be obtained by reaching out to your **Zip-Chem®** rep for a copy of this document.
- ✓ Store **ZC-665** at **40°F - 100°F (4.4°C - 37.8°C)** in the original unopened containers. Keep containers closed when not in use and protect **ZC-665** from direct sunlight.

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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**

- ▶ Case of 12 of 16 fl oz (473 mL) Aerosols-002074

**Sur-Prep® 5672**

- ▶ Case of 12 of 16 fl oz Aerosols (008284)
- ▶ Case of 5 each Gallon (4 each of 5.8 Liter) Cans (008781)
- ▶ 5 Gallon (18.9 Liter) Pails (008782)
- ▶ 55 Gallon (208 Liter) Drums (008783)
- ▶ Special packaging upon request

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**AVAILABLE PACK SIZES (CONTINUED FROM PAGE 4):**

**Sur-Prep® 123**

- ▶ Case of 12 of 16 fl oz Aerosols-102815
- ▶ 10 Pound (4536 gram) Cylinder-102933
- ▶ 50 Pound (22680 gram) Cylinder-102934
- ▶ Special Packaging Upon Request

**Sur-Prep® 5677**

- ▶ Case of 12 of 16 fl oz (473 mL) Aerosols-100474
- ▶ Case of 4 each Gallon (4 each of 3.8 Liter) Cans-100478
- ▶ 5 Gallon (18.9 Liter) Pail-100481
- ▶ 55 Gallon (208 Liter) Drum-100482
- ▶ Special Packaging Upon Request

**Sur-Prep® 5680**

- ▶ Case of 12 of 16 fl oz (473 mL) Aerosols-106592
- ▶ Case of 4 each Gallon (4 each of 3.8 Liter) Cans-106593
- ▶ 5 Gallon (18.9 Liter) Pail-106594
- ▶ 55 Gallon (208 Liter) Drum-106595
- ▶ Special packaging upon request