



# CFC Free Electro Contact Cleaner



## FEATURES

- Safe on Plastics
- Fast Evaporating; Leaves No Residue
- Low Odor
- Penetrating action removes oil, grease, dirt, flux, and other contaminants
- Cleans and degreases delicate precision mechanisms

## APPLICATIONS

- Connectors
- Contacts
- Fluid Systems
- Magnetic Tape Heads
- Office Equipment
- Printed Circuits
- Relays & Controls
- Semiconductor Assemblies

## SPECIFICATIONS AND APPROVALS

- AMS 1525B
- ASTM F-519, Type 1C
- Caterpillar
- Ford Motor Co.
- General Motors Co.
- Honda Corp.
- Inland Steel
- Kimberly-Clark
- Kodak
- Lockheed Martin DSDN H01.2101
- MIL-PRF-29608 Type II, Class C
- NSF International, K2 (Aerosol)
- NSF International, K2 (Non-Aerosol)
- Tyco Electronics

## PROPERTIES

<b>Appearance / Physical State</b>	Liquid.
<b>Color</b>	Clear. Colorless.
<b>Odor</b>	Solvent.
<b>Melting / Freezing Point</b>	Not available.
<b>Boiling Point / Range</b>	140.9°F (60.5°C)
<b>Flash Point</b>	Aerosol: < 1.4°F (< -17.0°C) TCC; Bulk: < -0.4 °F (< -18.0 °C) TCC
<b>Evaporation Rate</b>	<1
<b>Flammability</b>	lower: 0.6%; upper: 7%
<b>Vapor Pressure</b>	352.53 mm Hg @ 38°C
<b>Vapor density</b>	-3 (air = 1)
<b>Density</b>	Not available.
<b>Water Solubility</b>	<10% w/w
<b>Partition Coefficient</b>	>1
<b>Auto-Ignition Temperature</b>	582.8°F (306°C)
<b>Viscosity</b>	< 3 cSt @ 25°C
<b>Percent volatile</b>	100%
<b>Specific Gravity</b>	0.64 - 0.67 @ 20°C
<b>VOC Content</b>	Aerosol: 96.2%; Bulk: 100%
<b>Surface Tension</b>	17.3 dynes/cm @ 77°F (25°C)
<b>Propellant</b>	Carbon Dioxide
<b>KB Value</b>	31
<b>Temperature Range</b>	N/A

## DIRECTIONS

Hold can 6-8 inches (15-20 cm) away and spray directly on surface to clean it. DO NOT USE ON ENERGIZED ELECTRICAL EQUIPMENT IN OPERATION AND ALLOW SURFACE TO DRY BEFORE RESTART.

## HANDLING

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Do not re-use empty containers. Do not breathe gas. Avoid contact with skin. Avoid contact with eyes. Avoid prolonged exposure. Avoid contact with clothing. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling.

## STORAGE

Level 3 Aerosol. Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS). Protect from freezing.

## DISPOSAL

Waste must be disposed of in accordance with any and all applicable environmental control rules and/ or regulations.

## AVAILABLE PRODUCTS

US	Part No.		Net Contents	Container Type	Units/Case	Approximate Case Weight
	Canada	Europe				
		M03105	20 L	pail	1	33 lbs
		M03115	5 L	pail	4	28 lbs
03116	C03116	M03116	11 wt oz / 312 g / 465 mL	aerosol	12	11 lbs
03101	C03101		1 gal / 3.78 L	pail	4	28 lbs
03105	C03105		5 gal / 18.93 L	pail	1	33 lbs
03155	C03155		55 gal / 208 L	drum	1	308 lbs



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