



I. Product Description

Contact Cleaner 2000® is an aggressive advanced COzol® technology alternative precision cleaner designed to remove contaminants from electrical and electronic equipment. It provides an effective alternative to HCFC 141b-based cleaners when sensitive plastics are not a concern. **Contact Cleaner 2000®** evaporates quickly, leaves no residue, is non-flammable and contains no Class I or Class II ozone depleting chemicals.

II. Applications

Recommended for the effective cleaning of light oils, dirt, dust, fingerprints, flux or polar soils 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 such as Lexan®. Test on plastic substrates before using.

III. Features & Benefits

- **New Advanced COzol® Technology**
- **No Class I or Class II Ozone Depleting Chemicals.** Offers superior performance while complying with the EPA regulations on the use of CFCs and HCFC's. **Does not contain HCFC – 141b.**
- **Leaves No Residue.** Minimizes downtime associated with “clean-in-place” cleaning methods.
- **High Purity Formula.** Chemically stable and non-conductive.
- **No Flash Point.** Significantly reduces the risk of fire caused by incidental contact with live electrical equipment, increasing user safety.
- **Fast Evaporation.** No rinsing or wiping required.

IV. Physical Properties

Flash Point	None		Boiling Point	~104°F	
Odor	Faint Ether		Freezing Point	ND	
Appearance	Clear liquid		Solubility	Slight in water	
Vapor Density	>1 (air=1)		% VOC	Aerosol 57.5%	Bulk 60.5%
VOC Content (Fed)	Aerosol 730 g/L	Bulk 768.4 g/L	Specific Gravity	1.27	
Sara Title III, Sect. 313 Chemicals	No		Vapor Pressure	>200 mmHg @ 77°F	
Prop 65	No				

V. Specifications and Approvals

- NSF K2 Registered for use in meat and poultry plants.

VI. Performance Characteristics

ASTM D-1130 (KB Value)	45
ASTM D-877 (Dielectric Strength)	30,800 volts
ASTM D-56 (Flash Point)	None (TCC)

VII. Directions

- Spray liberally on surface to be cleaned and allow to run off.
- Use an abrasive on heavy carbon deposits or corrosion to accelerate cleaning.
- May be harmful to some plastics, such as Lexan® or Noryl®.
- 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
02140	16 oz Aerosol
02142	5 Gallon Pail
02143	55 Gallon Drum
03150	16 oz Aerosol
03152	5 Gallon Pail
03153	55 Gallon Drum

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.

DISCLAIMER: This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. All products should be tested for suitability on a particular application prior to actual use. CRC Industries, Inc. makes no representations or warranties of any kind concerning this data.

CRC Industries, Inc.
Technical Service: (800)521-3168

Industrial Products Division
Customer Service: (800)272-4620

Warminster, PA 18974
CRC On-Line: (215)442-6260



I. Product Description

Contact Cleaner 2000® is an aggressive advanced COzol® technology alternative precision cleaner designed to remove contaminants from electrical and electronic equipment. It provides an effective alternative to HCFC 141b-based cleaners when sensitive plastics are not a concern. **Contact Cleaner 2000®** evaporates quickly, leaves no residue, is non-flammable and contains no Class I or Class II ozone depleting chemicals.

II. Applications

Recommended for the effective cleaning of light oils, dirt, dust, fingerprints, flux or polar soils 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 such as Lexan®. Test on plastic substrates before using.

III. Features & Benefits

- **New Advanced COzol® Technology**
- **No Class I or Class II Ozone Depleting Chemicals.** Offers superior performance while complying with the EPA regulations on the use of CFCs and HCFC's. **Does not contain HCFC – 141b.**
- **Leaves No Residue.** Minimizes downtime associated with “clean-in-place” cleaning methods.
- **High Purity Formula.** Chemically stable and non-conductive.
- **No Flash Point.** Significantly reduces the risk of fire caused by incidental contact with live electrical equipment, increasing user safety.
- **Fast Evaporation.** No rinsing or wiping required.

IV. Physical Properties

Flash Point	None		Boiling Point	~104°F	
Odor	Faint Ether		Freezing Point	ND	
Appearance	Clear liquid		Solubility	Slight in water	
Vapor Density	>1 (air=1)		% VOC	Aerosol 57.5%	Bulk 60.5%
VOC Content (Fed)	Aerosol 730 g/L	Bulk 768.4 g/L	Specific Gravity	1.27	
Sara Title III, Sect. 313 Chemicals	No		Vapor Pressure	>200 mmHg @ 77°F	
Prop 65	No				

V. Specifications and Approvals

- NSF K2 Registered for use in meat and poultry plants.

VI. Performance Characteristics

ASTM D-1130 (KB Value)	45
ASTM D-877 (Dielectric Strength)	30,800 volts
ASTM D-56 (Flash Point)	None (TCC)

VII. Directions

- Spray liberally on surface to be cleaned and allow to run off.
- Use an abrasive on heavy carbon deposits or corrosion to accelerate cleaning.
- May be harmful to some plastics, such as Lexan® or Noryl®.
- 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
02140	16 oz Aerosol
02142	5 Gallon Pail
02143	55 Gallon Drum
03150	16 oz Aerosol
03152	5 Gallon Pail
03153	55 Gallon Drum

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.

DISCLAIMER: This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. All products should be tested for suitability on a particular application prior to actual use. CRC Industries, Inc. makes no representations or warranties of any kind concerning this data.

CRC Industries, Inc.
Technical Service: (800)521-3168

Industrial Products Division
Customer Service: (800)272-4620

Warminster, PA 18974
CRC On-Line: (215)442-6260