



I. Product Description

CRC XT-2000™ Precision Cleaner is a non-flammable, low odor, rapidly evaporating azeotropic blend designed specifically for use in electronics and electrical applications. XT-2000™ Precision Cleaner is effective in removing fluxes, oils, greases, and similar soils from contacts, printed circuit boards, connectors, motors and relays. XT-2000™ Precision Cleaner contains advanced COzol® technology exclusive to CRC Industries.

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. Test on plastic substrates before using.

III. Features & Benefits

- **HCFC-141b Alternative.** Offers superior performance while complying with the EPA regulations on the use of CFC's and HCFC's.
- **No Flash Point.** Significantly reduces the risk of fire caused by incidental contact with live electrical equipment, increasing user safety.
- **Safe for use on most plastics.** Test first on small area.
- **Evaporates rapidly and leaves no residue.** Minimizes downtime associated with "clean-in-place" cleaning methods.
- **Material Safety Data Label.** Provides instant access to current safety information should an accident or OSHA inspection occur. Helps comply with OSHA Hazard Communications Standard 29 CFR 1910.1200.

IV. Physical Properties without propellant

Flash Point	None	Boiling Point	40 °C
Odor	Mild	Solubility	Very slight in water
Appearance	Colorless Liquid	% VOC	<u>Aerosol</u> 23.5% <u>Bulk</u> 39.0%
Vapor Density	>1 (air=1)	Specific Gravity	1.38
VOC Content (Fed)	<u>Aerosol</u> 324.3 g/L <u>Bulk</u> 538.2 g/L	Vapor Pressure	>200 mmHg @ 77 °F
Sara Title III, Sect. 313 Chemicals	No	Propellant	HFC 134a
Prop 65	No		
Surface Tension	18.5 dynes		

V. Specifications and Approvals

- NSF K2 Registered for use in meat and poultry plants
- Passes tests for Boeing D6-17487, Revision P, Solvent Cleaners; General Cleaning.

VI. Performance Characteristics

ASTM D-56 (Flash Point)	None
ASTM D-877 (Dielectric Strength)	30,200 volts
ASTM D-1130 (KB Value)	24
Bellcore Test (Plastic Compatibility)	Passes – Noryl, ABS Fails - Lexan

VII. Directions

1. This product is safe on most plastics but should be tested on a small area before use.
2. Hold can 6-8 inches away from surface to be cleaned.
3. Spray surface from top to bottom allowing liquid to flush away flux and other contaminants.
4. To clean hard to reach areas, use with extension tube.

VIII. Package Description

Part Number	Container Size
03155	16 oz Aerosol
03157	5 Gallon Pail
02145	16 oz Aerosol
02147	5 Gallon Pail

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

Avoid contact with powdered metals such as aluminum, magnesium, calcium, zinc and strong alkali.

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.

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