



# Technical Data Sheet

CRC NF Contact Cleaner

Product Code: 2017

## I. Product Description

**CRC NF Contact Cleaner** is a revolutionary, technically proven, stable, no flash point, non-flammable, inert high purity cleaning solvent. **CRC NF Contact Cleaner** is non-conductive, non-corrosive, non-staining, rapid-complete evaporation and contains no lubricants.

## II. Applications

**CRC NF Contact Cleaner** is recommended for cleaning:

Relays, Switches, Circuit Breakers, Alarm and Signal Systems, Printed Circuit Boards, Connectors, Generators, Contacts, Laboratory and Test Equipment, Motor and motor controls, Sensors, Flux removal, Terminals, Plugs and Jacks.

## III. Features & Benefits

- No Flash Point.
- Non-flammable.
- Fast Evaporation. Minimizes downtime associated with “clean-in-place” cleaning methods.
- Residue Free. Prevents harmful build up and eliminates rinsing or wiping.
- 360° Valve. Ensures that all usable product is expelled from the can evenly when the can is held and sprayed in the upside-down position.
- Does not contain CFC 113 or Methyl Chloroform.

## IV. Physical Properties without Propellant

<b>Flash Point</b>	None	<b>Boiling Point</b>	30°C. Initial
<b>Odour</b>	Mild Ethereal	<b>Solubility</b>	Slight in water
<b>Appearance</b>	Colourless liquid	<b>% Volatile</b>	100
<b>Vapour Density</b>	4	<b>Specific Gravity</b>	1.21 @ 20°C
<b>Dielectric Strength</b>	40,000 Volts per ASTM D-877	<b>Propellant</b>	CO <sub>2</sub>
<b>Fire Point</b>	None		

## V. Performance Characteristics

<b>ASTM D-1133 (Kauri-Butanol Value)</b>	51
<b>ASTM D-877 (Dielectric Strength)</b>	42,000 Volts
<b>Surface Tension</b>	18.5 Dynes/cm
<b>Evaporation Rate</b>	Very Fast
<b>Residue</b>	None



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## VI. Directions

- Always read the entire label before using product.
- Deactivate equipment before use.
- Ventilate after use and before reactivating.
- Protect eyes, skin and do not inhale. Refer to SDS.
- Test on small area before using. May be harmful to some plastics, e.g. acrylic, ABS, Pebax 2533, Polystyrene, etc.
- Spray liberally and allow to run off.
- Use extension tube for hard-to-reach areas.
- When used on plugs and lubricated rotating, sliding or stepping contacts it is recommended to apply CRC 2.26 to replace the lubricant.

## VII. Disposal

Disposal requirements vary by state and local regulations. All used and unused product should be disposed of in conformance with local, state and commonwealth laws and regulations.

## VIII. Special Use Warnings

### Aerosol Cans

Do not puncture, incinerate or store above 50°C. 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 vapour and spray mist. Avoid contact with the 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 Safety Data Sheet.

<b>PRODUCT WARRANTY:</b>	CRC offers a conditional warranty on this product for the period of 5 years from the date of manufacture
<b>DISCLAIMER:</b>	All information on this data sheet is based on testing by CRC Industries (Australia) Pty Ltd. All products should be tested for suitability on a particular application prior to actual use. CRC Industries (Australia) Pty Ltd makes no representations or warranties of any kind concerning this data.