

TECHNICAL DATA SHEET

Product No. 2017



ACN 000 725 833

CRC Industries (Aust) Pty. Limited

PO Box 199, Castle Hill, NSW 1765.

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 buildup 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

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

V. Specification and Approvals

- MAF Approved (C12) Meat
- USDA Authorised for use in Federally inspected Meat and Poultry Plants.
- Certificate of inspection for use in NSW Coal Mines.

VI. Performance Characteristics

ASTM D-1130 (Kauri-Butanol Value)	51
ASTM D-877 (Dielectric Strength)	42,000 Volts / ASTM D 877
Surface tension	18.5 Dynes/cm
Evaporation Rate	Very Fast
Residue	None

VII. Directions

- ❑ Always read the entire label before using product.
- ❑ Deactivate equipment before use. Non-flammable formulation
- ❑ Ventilate after use and before reactivating.
- ❑ Protect eyes, skin and do not inhale. Refer to MSDS.
- ❑ **Do not** use on energized equipment.
- ❑ Test on small area before using. May be harmful to some plastics. E.g. ABS, Pebax 2533, Polystyrene etc.
- ❑ Spray liberally and allow to run off.
- ❑ Use extension tube for hard-to-reach areas.
- ❑ Do not use on plastics such as Acrylic, ABS and Polycarbonate.
- ❑ For personal safety, **DO NOT** use on equipment that is energized.
- ❑ When used on plugs and lubricated rotating, sliding or stepping contacts it is recommended to apply CRC 2.26 or CRC Contact Gold to replace the lubricant.

VIII. 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.

IX. Special Use Warnings

Aerosol Cans

Do not puncture, incinerate or store above 50⁰C. 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 Material Safety Data Sheet.

PRODUCT WARRANTY: CRC offers a conditional warranty on this product for the period of 2 years from the date of manufacture.

DISCLAIMER: All information on this data sheet is based on testing by CRC Industries (Aust.) Pty. Ltd. All products should be tested for suitability on a particular application prior to actual use. CRC Industries (Aust.) Pty. Ltd. makes no representations or warranties of any kind concerning this data.