I. Product Description

CRC 5-56 Electrical is a plastic safe lubricant, penetrant, cleaner and corrosion inhibitor that helps prevent electrical malfunction caused by water penetration, humidity, condensation or corrosion and restores electrical properties after water damage. Silicone free.

As part of a preventative maintenance programme, CRC 5-56 Electrical prevents 80% of all electrical failures by protecting equipment from moisture and corrosion. A thin residual film with light lubricating properties seals out moisture and provides long-lasting protection for electrical equipment even in difficult environmental conditions.

In flood and water damaged equipment, CRC 5-56 Electrical displaces moisture and restores resistance values, stops short circuits, current leakage and arcing. Its unique viscosity allows for deep penetration into the surface for complete moisture elimination.

Specially formulated with high levels of cleaning power, CRC 5-56 Electrical can be used as a degreaser with a light non-metallic abrasive pad like Scotch-Brite and is ideal for effective removal of fingerprint contamination.

CRC 5-56 Electrical does not contain silicones, CFCs and chlorinated solvents.

II. Features & Benefits

- **Multi-purpose product for electrical equipment** – Precision lubricant, corrosion control, penetrant, cleaner
- **Protective lubricating film seals out moisture, resists difficult environmental conditions** – Eliminates breakdowns caused by water penetration, humidity, salt air, condensation or corrosion
- **Repairs water damaged equipment** – Restores electrical properties
- **Improves electrical properties** – Stops short circuits, current leakage and arcing
- **Cleaning power** – Ideal for effective removal of fingerprint contamination
- **High dielectric strength** – Ideal for higher voltage applications
- **Preventative maintenance** – Extends operational life and reduces downtime due to unscheduled maintenance and repair
- **Plastic-safe** – Allows one product to be used in all applications
- **Silicone-free**
- **360° Valve** – Product can be sprayed from any position even upside down
- **300g Includes Permastraw™ Dual-Action Spray System** - One piece actuator with two-way spray that ensures that straw stays in place.
- **Temperature Range -20°C to +150°C**
- **MPI Approved C14**

III. Application and Directions

1. For electrical equipment which has been submerged in water, spray liberally on every surface. Allow 2-24 hours to displace the water.
2. To protect metals, spray light even film.
3. To loosen ‘frozen’ parts, apply liberally and allow to run off.
4. For hard-to-reach areas, use extension tube.
5. Repeat application if necessary.

IV. Typical Properties and Characteristics

Physical Properties:

Flash Point	100°C
Odour	pleasant, low odour
Appearance	clear liquid
Specific Gravity	0.8167 ± 0.02
Viscosity (20°C)	4cSt
Propellant	Carbon Dioxide

Performance Characteristics:

Temperature Range	-20°C to +150°C
Heat Resistance Film Degradation	from 150°C
Dielectric strength	42,000 Volts per ASTM D877
Lubrication (Falex)	Up to 1500 lbs
Average film thickness	1-2µm
Corrosion Inhibitor	Indoor only, up to 9 months

V. Package Description

Part Number	Size
1751841	420ml Aerosol + Permastraw™ Dual-Action Spray System

VI. Special Precautions

General: Flammable liquid. Keep away from heat, sparks, open flames, hot surfaces. No smoking. Avoid breathing dust, fume, gas, mist, vapours, spray. Use only outdoors or in a well-ventilated area. Wear protective gloves/clothing, eye protection, face protection. Store in a well-ventilated place. Keep container tightly closed. Dispose of empty containers safely. Refer to Material Safety Data Sheet for more details.
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.

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PRODUCT WARRANTY: CRC offers a conditional warranty of this product for the period of 5 years from the date of manufacture

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