

# TECHNICAL DATA SHEET

Product No. FG03054



ACN 000 725 833

## CRC Industries (Aust) Pty. Limited

PO Box 199, Castle Hill, NSW 1765.

### ***I. Product Description***

**CRC Syntha-Tech™ Lubricant w/ PTFE** is a non-flammable, zero VOC, unique blend of synthetic lubricants that utilizes PTFE, anti-wear and extreme pressure additives to provide unparalleled lubricating performance. This food grade synthetic lubricant is NSF Registered for use in meat and poultry facilities. Additionally, **CRC Syntha-Tech's™** long lasting film minimizes surface contact thereby extending lubricating intervals.

### ***II. Applications***

Recommended for use on bearings, gears, linkages, motors, chains, cables, rollers, guide bars, pulleys, cams, valves, ball joints, hinges, slides, cutting tools, taps, dies, pistons, handling equipment, conveyors, hoists, lifts, doors, fans and food processing equipment.

### ***III. Features & Benefits***

- **Long Lasting Blend of Synthetic Lubricants** with anti-wear and extreme pressure additives.
- **Extreme Temperature Range.** Temperature range of -40 - 450 °F
- **NSF H1 Registered** for incidental contact
- **Contains Zero VOC's**
- **PTFE Additive.** Minimizes surface contact and friction to reduce wear, extend equipment life and maintain peak operating conditions.
- **Lower Viscosity Film.** Penetrates deeply into cracks, crevices and joints to lubricate and protect all exposed metal.
- **S.D.[L.]™ Safety Data Label.** Provides instant access to current safety information should an accident occur.

### ***IV. Physical Properties without propellant***

Flash Point	122°C
Boiling Point	55°C (initial)
Odour	Mild Solvent
Solubility	Insoluble in Water
Appearance	Whitish Liquid
VOC Content (Fed)	0 g/L
Temperature Range	-40 to 230°C
Propellant	C0 <sup>2</sup>

### ***V. Specifications and Approvals***

- NSF H1 Registered for use in meat and poultry plants.

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## ***VI. Performance Characteristics***

ASTM D-3233 (Falex Load Test)	1000 lbs.
ASTM D-4172 (Four Ball Wear Scar)	0.39 mm
ASTM D- 4172 (Coefficient of Friction)	0.07
ASTM D-877 (Dielectric Strength)	27,000 volts

## ***VII. Directions***

- **Do not use on energized equipment.**
- Read entire label before use.
- Shake well before using.
- Spray an even coat of **CRC Syntho-Tech™** and allow product to coat all moving parts.
- For superior performance, reapply after first coat has penetrated all parts.
- Repeat process as necessary to maintain proper lubrication.
- Product is safe for use on most plastics. Test on small area before applying.

## ***VIII. Package Description***

<b>Part Number</b>	<b>Container Size</b>
FG03054	312grms

## ***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.

## ***IX. Special Use Warnings***

### **Aerosol Cans**

Do not puncture, incinerate or store above 49°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 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.

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

<p><b><u>DISCLAIMER:</u></b> 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.</p>
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