CRC GREENLIGHT™ FOOD SAFETY PROGRAM
ASSISTS AUDIT COMPLIANCE

# TECHNICAL DATA SHEET

## *CRC Food Grade Syntha-Tech™ Lubricant*

**CRC Food Grade Syntha-Tech™ Lubricant** with PTFE is a special, 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 Food Grade Syntha-Tech™ Lubricant's long lasting film minimizes surface contact thereby extending lubricating intervals.

**Item Code: FG03054** **Pack Size: 311g Aerosol**

## Features and Benefits

- **Long Lasting Blend of Synthetic Lubricants** with anti-wear and extreme pressure additives
- **Extreme Temperature Range:** Effective from -40°C to +230°C
- **Zero VOC formula**
- **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
- **NSF H1 Registered for incidental food contact**

## Physical Properties and Performance Characteristics

| | |
|---|---|
| Flash Point | 70°C (Liquid component) |
| Boiling Point | 55°C Initial |
| Odour | Mild solvent |
| Appearance | Colourless oily liquid |
| Solubility | Insoluble |
| VOC Content (Fed) | 0 g/L |
| Propellant | Carbon dioxide |

| | |
|---|---|
| Temperature Range | -40°C to +230°C |
| ASTM D-3233 (Falex Load Test) | 1,000 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 |

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## Directions

1. Do not apply while equipement is energized.
2. Shake can well before using.
3. Spray an even coat of CRC Food Grade Syntha-Tech™ and allow product to coat all moving parts.
4. For superior performance, reapply after first coat has penetrated all parts.
5. Repeat process as necessary to maintain proper lubrication.
6. Product is safe for use on most plastics. Test on small area before applying.

## Special Precautions

**General:**
Keep away from naked flames, electrical appliances/lights, lighted cigarettes, etc. Do not spray on open flame or other ignition source. Use with adequate ventilation. Store in a cool, well-ventilated area. Do not eat, drink or smoke when using this product. Dispose of contents/container in accordance with relevant regulations. All unused product should be disposed of in conformance with local and hazard regulations, do not contaminate water supply.

**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.

Refer to **Safety Data Sheet** for more details.

## Product Warranty or Shelf Life

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

## Contact Information

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**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.

***Technical Data Sheet*** *Version 08/2024*