



CRC Industries NZ, Auckland NZ

**CRC Food Grade Heavy Chain & Meat Rail Lube**

**I. Product Description**

CRC Food Grade Heavy Chain & Meat Rail Lube is a unique synthetic penetrating gel specifically formulated to provide a clean, odourless lubricant for high-pressure and high-temperature applications. It contains friction modifiers, anti-wear additives and tacking agents, does not drip off or fling off at high speed and resists hot and cold wash-off for long-lasting protection. It is ideally suited for highly loaded reciprocal moving parts and for general use in heavy industries, workshops, automotive and around the home workshop.

Applied as a clear oil with excellent capillary action CRC Food Grade Heavy Chain & Meat Rail Lube penetrates quickly into tight areas before solvents evaporate leaving a waterproof load bearing gel that stays in place and withstands high pressure and shock load conditions. The speedy shift in viscosity provides both, excellent penetration action and premium staying power.

MPI Approved C15. Temperature range from -35°C to +300°C. NZ AsureQuality assessment.

**II. Application and Directions**

1. Shake can well before using.
2. Spray a light even coating.
3. Use extension tube for hard-to-reach places.
4. Use minimum amount necessary, remove excess with a clean cloth.

**III. Features & Benefits**

- **Penetrating gel** – Applied as an oil, it penetrates on application, evaporates very quickly within 5 to 10 seconds and sets as a gel-like grease
- **Odourless & clear** – For clean application and handling
- **Does not attract dust**
- **Fresh & salt water proof** – Resists hot and cold wash off
- **High pressure & heat resistant** – Remains active under high pressure loads, resists impacts of vibrations and shock load conditions
- **Adhesive qualities** – High resistance to fling-off at high speeds and temperatures, does not drip off overhead applications
- **Reduces noise and vibration**
- **Resistant against non-concentrated acids and alkalis**
- **Does not contain chlorinated solvents**
- **Free from silicones, resins & acids** – Will not damage rubber, o-rings, painted surfaces
- **Wide temperature range** – From -35°C to +300°C
- **MPI Approved C15**
- **NZ AsureQuality assessment for food/beverage/dairy factory incidental contact**
- **Includes Permastraw™ Dual-Action Spray System** - One piece actuator with two-way spray that ensures that straw stays in place.

**IV. Typical Properties and Characteristics**

**Physical Properties:**

<b>Flash Point</b>	< 0°C
<b>Odour</b>	Low odour
<b>Appearance</b>	Clear gel-like grease
<b>Solubility</b>	Insoluble in water
<b>Propellant</b>	Hydrocarbon



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**Performance Characteristics:**

<b>Type of film</b>	High-tack viscous oil
<b>Set-up time</b>	5-10 seconds
<b>Temperature Range</b>	-35°C to +300°C

**V. Package Description**

<b>Part Number</b>	<b>Size</b>
1752351	Food Grade Heavy Chain & Meat Rail Lube

**VI. Special Precautions**

**General:**

Extremely flammable aerosol. Keep away from heat, sparks, open flames, hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Avoid breathing dust, fume, gas, vapours, spray. Use only outdoors or in a well-ventilated area. Wear protective gloves, protective clothing, eye protection, face protection. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO 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. 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.

**First Aid:**

Swallowed – Avoid giving milk or oils. Avoid giving alcohol. Not considered a normal route of entry.

Skin – Flush skin and hair with running water (and soap if available). Remove any adhering solids with industrial skin cleansing cream. Do not use solvents. Seek medical attention in the event of irritation.

Eyes – Immediately hold eyelids apart and flush eye continuously for at least 15 minutes with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Transport to hospital or doctor without delay.

Inhalation – Remove to fresh air. Lay patient down. Keep warm and rested.

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 12/2020

**PRODUCT WARRANTY:** CRC offers a conditional warranty of 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 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.