



CRC Industries NZ, Auckland NZ

## I. Product Description

CRC Drylube is a high-performance dry film lubricant that is applied wet and quickly dries to a non-staining micro-thin film of submicron PTFE particles. It is formulated for extreme heavy loads, sliding mechanisms and open gears in applications where the use of wet lubricants is not desirable. It penetrates and bonds to metal and most other surfaces and can be used on equipment in operation for uninterrupted workflow.

CRC Drylube prevents sticking reducing friction, heat and wear with a very low coefficient of friction over a wide temperature range. It prevents galling or seizing and will not melt, freeze, run, pool or contaminate in-process materials.

NZFSA Approved C11. Temperature range from -20°C to +250°C.

## II. Application and Directions

1. Shake can well before using.
2. Apply from a distance of 15-30cm.
3. Spray light, even film.
4. Repeat application if necessary.

## III. Features & Benefits

- **Extreme pressure lube** – Premium performance lubricant for heavy loads, metal-on-metal sliding on flat surfaces, open gear systems.
- **Dries fast** – Does not interrupt workflow. Designed for applications in clean industries where the use of wet lubricants is not desirable.
- **Resists dust and dirt** – For lubrication in dusty environments where contaminants might interfere with conventional wet lubricants.
- **Does not wash or drip off** – Excellent adhesion to metal, wood, rubber, plastic, glass and most other surfaces.
- **Excellent chemical resistance** – Effective in difficult conditions.
- **Temperature Range** – Effective from -20°C to +250°C.
- **White film** – Easy visual check of application.
- **Does not contain oils, silicone, bonding agents**
- **Non-toxic, low odour, tasteless**
- **NZFSA Approved C11**

## IV. Typical Properties and Characteristics

Physical Properties:

Flash Point	-5°C
Boiling Point	8°C (initial)
Odour	Isopropyl Alcohol
Appearance	Opaque White Film
Solubility	Miscible with water
% Volatile	96%
Vapour Density	96%
Specific Gravity(bulk)	0.88
Propellant	Hydrocarbon



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**Performance Characteristics:**

Type of film	Dry white PTFE film
Temperature Range	-20°C to +250°C

**V. Package Description**

Part Number	Size
3049	500ml Aerosol

**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/mist/vapours/spray. Wash ... thoroughly after handling. 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 – 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 the eyelids apart and flush the 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 03/2012

**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.