



Food Grade Compliance Documentation

PRODUCT: CRC Food Grade Silicone Grease

CODE/S: 3037, 3039

SIZE/S: 75mL, 500mL

THIS DOCUMENT CONTAINS:

- MSDS
- TSE/BSE statement
- NZ AsureQuality approval
- MPI approval
- TDS
- Allergen certificate



IN CASE OF EMERGENCY CALL: 09 278 7913

CRC INDUSTRIES NEW ZEALAND

Ph: 09 272 2700

Fax: 09 274 9696

Email: customerservices@crc.co.nz


Address: 10 Highbrook Drive, East Tamaki, Auckland

26/11/2020

NZ POISONS CENTRE 0800 764 766 | NZ EMERGENCY SERVICES: 111 - THIS IS A SUMMARY ONLY - FULL REPORT AVAILABLE

CRC(NZ) 3037 Food Grade Silicone Grease



INGREDIENTS	CAS NO	%	TWA
polydimethylsiloxane	63148-62-9	85-95	-

GHS	DG
	UN No: Not Applicable Hazchem Code: Not Applicable DG Class: Not Applicable Subsidiary Risk: Not Applicable Packing Group: Not Applicable

HEALTH HAZARD INFORMATION	
Determined by Chemwatch using GHS/HSNO criteriaGazetted by EPA New Zealand	9.4B
Signal word:	
Hazard statement(s):	H442 Toxic to terrestrial invertebrates

PRECAUTIONS FOR USE	
	

Appropriate engineering controls:	General Exhaust Ventilation adequate.
Glasses:	Safety Glasses. Consider chemical goggles.
Gloves:	PVC chemical resistant type.
Respirator:	Type A-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)
Storage and Transportation:	Store in cool, dry, protected area. Dispose of this material and its container at hazardous or special waste collection point. Keep out of reach of children.
Fire/Explosion Hazard:	Toxic smoke/fumes in a fire. Dispose of this material and its container at hazardous or special waste collection point.
Environment:	Toxic to bees. The initial, and still integral, toxicity test is the adult honey bee acute contact study. This lab study determines the amount of pesticide that kills 50% of a test group of bees, or LD50. (LD=Lethal Dose).Use appropriate container to avoid environmental contamination. Avoid release to the environment. Refer to special instructions/Safety data sheets.

PROPERTIES	
	Does not mix with water.Combustible.
EMERGENCY	
	
FIRST AID	
Swallowed:	Rinse mouth with water.
Eye:	Wash with running water.
Skin:	Remove contaminated clothing. Wash with soap & water.
Inhaled:	Fresh air. Rest, keep warm.
Advice To Doctor:	Treat symptomatically.
Fire Fighting:	Foam.
Spills and Disposal:	Eliminate ignition sources. Dispose of this material and its container at hazardous or special waste collection point. This material and its container must be disposed of in a safe way. To clean the floor and all objects contaminated by this material, use water and detergent.

SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS	
	
x	— Must not be stored together
0	— May be stored together with specific preventions
+	— May be stored together



TSE/BSE Statement

All *Food Grade* products supplied by CRC Industries New Zealand are made from synthetic or manufactured materials and do not contain any raw materials produced or derived from substances of animal origin. The manufacturing processes do not use any ingredient of animal origin nor do the products come in contact with animal products during storage and transportation.

We declare that our products are Dioxin Free.

All products produced by CRC Industries NZ are free from:

- Transmissible Spongiform Encephalopathy (TSE) and
- Bovine Spongiform Encephalopathy (BSE)

A handwritten signature in black ink, appearing to read 'M. Walbran'.

Murray Walbran
Managing Director
CRC Industries New Zealand
Auckland, New Zealand

Issued: September 1, 2020



The Professional's Choice

29/04/2019 H2526

CRC Industries (Aust.) Pty Ltd, 9 Gladstone Rd, Castle Hill,
NSW 2154 Australia, P. (02) 98496700 Fax (02) 96894914
info@crcind.com.au
CRC Industries (NZ) Ltd, 10 Highbrook Drive East Tamaki
Auckland. P 09 272 2700, F 09 2749696. Contact John
Sokolich email sokolichj@crc.co.nz

Global Proficiency Ltd for AsureQuality Ltd,
Unit 2/25 Mareno Rd, (P O Box 1335)
Tullamarine Vic 3043, Australia +61 3 9089
1151
Global Proficiency Ltd for AsureQuality Ltd,
Ruakura Research Centre, 10 Bisley Road,
Enderley, Hamilton 3241, P O Box 20474
Hamilton

To whom it may concern,

3037-3039 Food Grade Silicone Grease (was Food Grade Silicone Grease)

- Product description: lubricant
- Used for: food areas incidental contact

"Passed AsureQuality assessment for food/beverage/dairy factory incidental contact" H2526 with conditions.

This assessment was prepared by Global Proficiency Ltd using HACCP principles to determine equivalence with food standards listed below. See <http://assessedproducts.asurequality.com>. This supports food Risk Management Programmes & other endorsements that may apply to this product include MPI regulated farm dairy approval, MPI dairy factory endorsement, MPI regulated non-dairy animal product approvals, EPA HSNO-OSH-environment approval (& previously AQIS).

Conditions:

- Used per instructions, legislation & GMP for food areas for incidental food contact (release agent/ lubricant/ protective film as appropriate) minimum quantity/ transfer, washed or wiped. Dairy transfer low e.g. <1% of 21CFR178.3570 values of hydrocarbon <10 mg/kg, silicone here <1 mg/kg.
- The assessment is subject to notification of change and expires on 29/04/2024.
- The full report is attached for supplier review and verification. The assessment is activated by countersigning & inclusion of assessment precautions / assessment statement / MPI dairy statement (assessed per no change))

Prepared by Global Proficiency for AsureQuality Ltd... *R. G. Hutchinson*

Supplier: *[Signature]*

Date: *01/05/19*

Scope and purpose of the assessment:

- Asurequality assessment is a non-regulated, voluntary, and evidential certification by the supplier demonstrating equivalence with food safety standards, and also that product instructions address hazards for staff & equipment. The assessment is independently confirmed, without prejudice or guarantee, using information submitted by the supplier or from other sources. Confidentiality of the product formulation is maintained using coded material identifiers in the report, and appendices containing confidential information are provided only to the supplier.
- Scope: NZ checks (FSANZ, US FDA 21 CFR/ NSF, Food Chemicals Codex, EPA NZ, EU, French culinary listings or related data for equivalent safety). NZ background (Animal Products Act, Risk Management Programmes. Detergent & Sanitiser Manufacturer's Code of Practice, Detergent & Sanitiser Standards and Analytical Methods. Quality Manual - Assessment Procedures

Summary of assessment with risks highlighted:

- Information & prior assessments (2019 remains as AsureQuality incidental 5 years, MPI C15 5 years & NSF unsighted (or 157473?).
- Food safety (Is per 21CFR etc. food listings). Food safety (ingredients 21CFR 178.3570 listed).
- QA/ QC (Unrequired for incidental contact).
- Instructions –
 - Label previously (CRC Industrial food grade, Silicone Grease, o-rings, seals & valves, rubber & plastic, AsureQuality approved food, beverage, dairy. NZFSA approved C15 all animal product except dairy. Cautions: keep out of reach of children, keep out of eyes. If eye irritation persists - contact a doctor. CRC Silicone Grease seals, lubricates, waterproofs & insulates with a thin non-curing silicone grease. Excellent for lubricating & sealing rubber & plastic parts including o-rings. Protects and insulates valves, electrical contacts, battery terminals & fasteners from moisture. Label continued: Temperature resistant, will not harden, freeze or melt. Safe on most rubber & plastics, Chemical, oil & water resistant. Temperature range -40 to 200C. Directions: apply liberally as required. Not suitable for use with hydraulic brake cylinder pads. Do not use for LPG, CNG, compressed Oxygen, Chlorine or air systems. CRC company contacts.
- Side effects (HSNO per EPA NZ, NICNAS AICS, and MSDS. Production effects not expected food listings and existing use).
- Lubrication efficacy does not impact food safety.



30 March 2020

CRC Industries New Zealand
PO Box 204267
Highbrook
Manukau 2161

Trade Name: Food Grade Silicone Grease
Description: Lubricant
Code: C 15

Approvals:

This compound is approved for use in premises processing all animal product except dairy, operating under the Animal products Act regime.

This approval is under the following regulations and notices, subject to the conditions stated in this approval:

1. Regulation 11(4)(b) of the Animal Products Regulations 2000 and Regulation 18(4)(b) of the Animal Products (Regulated Control Scheme – Limited Processing Fishing Vessels) Regulations 2001
2. Clause 4(1) of Animal Products (Specifications for Limited Processing Fishing Vessels) Notice 2005, Part 1 Clause 1.2 of the Animal Products Notice: Specifications for Products Intended for Human Consumption issued 2016, and Part 1, Clause 1.2 of the Animal Products Notice: Specifications for Products intended for Animal Consumption, issued 2017.

Conditions:

1. This is permitted to be used during processing of food to lubricate moving parts of equipment whereby the lubricated surface is either an integral part of the food contact surface, or is contiguous with the food contact surface and contamination could result from bearing seal leakage.
2. The equipment is to be maintained, including the application of lubricants, according to the specifications of the equipment manufacturer.
3. Only sufficient lubricant is to be used to achieve the desired effect.
4. When used in the manner permitted, all lubricated surfaces are to be maintained according to requirements for sanitation of food contact surfaces.
5. When used in any other manner that may result in incidental contamination of a food surface, the surface is to be cleaned by washing to ensure no free substance remains that could be transferred to food being processed.

This approval may be withdrawn at any time due to unapproved directions for use, or unsatisfactory performance, or any change in product formulation. The Branch Planning, Systems & Support Directorate must be notified if the holder of this approval wishes to transfer their products to another entity.

The product must be used in accordance with the manufacturer's instructions and specifications. The label may include a statement to the effect that the product is approved for use in premises registered under the Animal Products Act regime. Any statements made, however, must include the approval code and must be limited to the following unless otherwise specified:

MPI Approved C 15 (All animal product except dairy)

Note: Former NZFSA statements must be removed from your labels.

Regulation and Assurance Branch

PO Box 2526, Wellington 6140, New Zealand
Telephone: 0800 00 83 33, Facsimile: +64-4-894 0300
www.mpi.govt.nz

This approval must not be used as a Ministry for Primary Industries (MPI) endorsement of any claim made for the product by the manufacturer.

This approval will remain valid until 30 March 2025 unless the approval is revoked by notice in writing at an earlier stage.

Any queries regarding this approval should be directed to MPI Approvals by either telephone on 04 894 2550 or by e-mail at approvals@mpi.govt.nz.

Yours sincerely,



Maree Zinzley
Manager Approvals Operations
Performance Oversight & Approvals

Ministry for Primary Industries
Manatū Ahu Matua



Date: 30 March 2020

Official Receipt G.S.T. 64-558-838

Received from: **CRC Industries New Zealand**

Maintenance compound approval fee for: **Food Grade Silicone Grease**

Sum of: **\$77.63**



CRC Industries NZ
Auckland NZ

I. Product Description

CRC Food Grade Silicone Grease is a thin non-curing silicone grease designed for sealing, lubricating and waterproofing o-rings and other rubber and plastic parts used in food processing equipment. It insulates valves, electrical contacts, spark plugs, battery terminals and fasteners from moisture and protects against corrosion. It is resistant to oil, water and chemicals and will not harden, freeze, dry or melt.

Wide Temperature Range from -40°C to +200°C. MPI Approved C15. NZ AsureQuality assessment for food/beverage including dairy factories with incidental contact.

II. Features & Benefits

- **Seals, lubricates, protects, insulates and waterproofs**
- **Temperature resistant** – Maintains performance level year round. Will not harden, freeze, dry or melt due to temperature fluctuations.
- **Safe on most rubber and plastics** – Will not degrade seals, gaskets or plastic insulators
- **Chemical, oil and water resistant**
- **Non-toxic, odourless, tasteless**
- **Wide Temperature Range** – Effective from -40°C to +200°C
- **MPI Approved C15**
- **NZ AsureQuality assessment for food/beverage including dairy factories with incidental contact**

III. Application and Directions

Preparation:

1. Shut off power supply, be sure all power is drained from system and allow hot surfaces to cool before using this product.
2. Clean surfaces, connectors, and/or contacts with CRC Food Grade CO Contact Cleaner.

Application:

Apply liberally as required.

Note: Not suitable for use with hydraulic brake cylinder pads. Do not use for LPG, LNG, compressed oxygen, chlorine or air systems.

IV. Typical Properties and Characteristics

Flash Point	> +300°C
Odour	Nil
Appearance	Opaque white paste
Solubility	Neg. in water
Dielectric Strength	500 Volts/mil = 20kV/mm
Specific Gravity	1.06
Temperature Range	-40°C to +200°C



CRC Industries NZ
Auckland NZ

Technical Data Sheet – 3037

CRC Food Grade Silicone Grease

V. *Package Description*

Part Number	Size
3037	75ml Tube
3039	500ml Pot

VI. *Special Precautions*

General:

Store in cool, dry, protected area. Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply.

First Aid:

Swallowed – Rinse mouth with water.

Skin – Wash with water and soap.

Eyes – Wash with running water.

Inhaled – Remove to fresh air. Keep warm and rested.

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 11/2018

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.



CRC Industries NZ
Auckland NZ

ALLERGEN CERTIFICATE

Date: September 19th, 2019

Product Number: 3037, 3039

Product Name: CRC Food Grade Silicone Grease

The Australia New Zealand Food Safety Code requires the identification of allergens present in food products. The presence of allergens in food grade processing aids including lubricants must be declared.

CRC Industries provides the following allergen information for the product(s) listed above.

Allergen	Present in Product	Present on Same Production Line	Present in Facility
Milk Products	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No
Soy Products	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No
Peanut Products	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No
Egg Products	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No
Tree Nut Products	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
Sesame Seed	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No
Mustard Seed	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No
Bee Pollen / Propolis	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No
Seafood and Shellfish	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No
Sulphites	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No
Buckwheat	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No
Celery	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No
Cereal or Gluten Products	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No
Lupin	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No
Royal Jelly	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No
Mango	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No
Peach	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No
Pork	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No
Tomato	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No
Latex	<input type="checkbox"/> Yes / <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No

This information is accurate to the best of CRC Industries' knowledge or obtained from sources believed by CRC to be accurate.

For more information, please contact our Technical Service Department at 09 2722700.