



# Food Grade Compliance Documentation

**PRODUCT:** CRC Food Grade Penetrating Oil  
**CODE/S:** 3086  
**SIZE/S:** 312g

## 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](mailto: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 Food Grade Penetrating Oil (FG03086)**

INGREDIENTS	CAS NO	%	TWA
C14-20 aliphatics (<=2% aromatics)	64742-47-8.	>60	5 mg/m3
carbon dioxide	124-38-9	<10	9000 mg/m3
white mineral oil (petroleum)	8042-47-5	30-60	5 mg/m3

GHS	DG
	 <p>UN No: 1950            Hazchem Code: <b>Not Applicable</b>            DG Class: <b>2.1</b>            Subsidiary Risk: <b>Not Applicable</b>            Packing Group: <b>Not Applicable</b></p>

**HEALTH HAZARD INFORMATION**


Determined by Chemwatch using GHS/HSNO criteria	3.1C, 6.1E (oral), 6.3B, 9.1B
Signal word:	<b>Warning</b>
Hazard statement(s):	<b>H226</b> Flammable liquid and vapour. <b>H411</b> Toxic to aquatic life with long lasting effects. <b>H316</b> Causes mild skin irritation. <b>H303</b> May be harmful if swallowed.

**PRECAUTIONS FOR USE**


Gloves:	When handling larger quantities:
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. Use only in well ventilated areas. Take precautionary measures against static discharges. Dispose of this material and its container at hazardous or special waste collection point. Keep out of reach of children. Keep container in a well ventilated place. Keep away from heat. Keep away from sources of ignition. No smoking.
Fire/Explosion Hazard:	HIGHLY FLAMMABLE. Vapours/gas heavier than air. Toxic smoke/fumes in a fire. Risk of explosion if heated under confinement. Use only in well ventilated areas. Take precautionary measures against static discharges. Dispose of this material and its container at hazardous or special waste collection point. In case of fire and/or explosion, DO NOT BREATHE FUMES.

**PROPERTIES**


Liquid. Gas. Does not mix with water. Floats on water. Extremely flammable.

**EMERGENCY**

**FIRST AID**

Swallowed:	Do NOT give milk or oil. Do NOT give alcohol.
Skin:	Wash with soap & water. Apply cleansing cream.
Advice To Doctor:	Evaluate for respiratory distress. Consider lavage with cuffed tube. NO adrenalin.
Fire Fighting:	Keep containers cool. Foam.
Spills and Disposal:	Eliminate ignition sources. Absorb with dry agent. Stop leak if safe to do so. Use only in well ventilated areas. Take precautionary measures against static discharges. 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', is positioned above the printed name.

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

Issued: September 1, 2020



***The Professional's Choice***



29/04/2019 H2256

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,

**3086 Food Grade Penetrating Oil (was Food Grade Penetrating Oil)**

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

**"Passed AsureQuality assessment for food/beverage/dairy factory incidental contact" H2256 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 (no change since last report).

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

Supplier: *[Signature]*

Date: *09/05/19*

**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 and prior assessments (Renewed AsureQuality assessment Previously, ca 2013, other registration NSF was accepted for incidental contact and MPI C15 incidental contact. This was updated for MPI & NSF #130545, 130546.
- Food-safety (per incidental contact & nature of ingredients listed).
- QA (ISO 9000 series was not required here).
- QC (Chemical safety per as above & micro also per manufacturing condition and anhydrous formula).
- Instructions
  - (Label, bulletin & SDS sighted in 2013 "consistent with the assessment & unchanged into 2019". CRC SDS web did not return on search so please update us on this – e.g. re Flammability cautions)
  - SDS update unchanged NB hazard flammable.
- Unwanted effects (Per SDS, HSNO hazards not copied here & AICS wants. Production side effects are not expected per food listings).
- Efficacy (is outside scope of sanitary assessment).



23 October 2018

CRC Industries New Zealand  
PO Box 204267  
Highbrook  
Manukau 2161

**Trade Name:** Food Grade Penetrating Oil  
**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.

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 31 October 2023 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](mailto:approvals@mpi.govt.nz).

Yours sincerely,



Maree Zinzley  
Manager Approvals Operations  
Branch Planning Systems and Support

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**Ministry for Primary Industries**  
Manatū Ahu Matua



Date: 23 October 2018

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

Received from: **CRC Industries New Zealand**

Maintenance compound approval fee for: **Food Grade Penetrating Oil**

Sum of: **\$89.13**

MPI General Ledger Code: 1640 2201

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CRC Industries NZ, Auckland NZ

## I. Product Description

*CRC Food Grade Penetrating Oil* is an industrial strength, low viscosity penetrant designed to quickly loosen and free seized, bound or frozen fasteners on all food processing equipment. The low surface tension formula creeps into cracks, seams, threads and joints with great efficiency and loosens rusted and corroded nuts, bolts, couplings, fittings, hinges and frozen components. Eases the disassembly of plant machinery, tools and equipment for routine maintenance and emergency repairs and leaves a thin non-drying colourless film with outstanding lubrication and corrosion inhibiting properties. Safe on most painted surfaces, coatings, plastics and rubbers.

Temperature range from -20°C to +150°C (continuous), +170°C (intermittent). MPI Approved C15. NZ AsureQuality assessment for food/beverage including dairy factories with incidental contact. NSF H1 Registered for incidental food contact.

## II. Features & Benefits

- **Eases disassembly of mechanical equipment** – Low surface tension formula creeps into cracks, seams, threads and joints with great efficiency
- **Improves Performance and Operating Efficiency** – Loosens rusted and corroded nuts, bolts, couplings, fittings, hinges and frozen components
- **Corrosion inhibiting** – Lubricating residue prevents further corrosion
- **Non silicone** – Will not harm paint, plastic or wood surfaces. Easier clean-up and removal of excess oil. Allows treated surfaces to be repainted
- **High Flash Point** – Provides increased user safety
- **360 degree valve** – Aerosol can be sprayed from any position even upside down
- **Non-toxic, colourless, odourless, tasteless**
- **Temperature Range** – Effective from -20°C to +150°C (continuous), +170°C (intermittent)
- **MPI Approved C15**
- **NZ AsureQuality assessment for food/beverage including dairy factories with incidental contact**
- **NSF H1 Registered for incidental food contact**

## III. Application and Directions

1. Hold can 8" to 12" away from surface to be sprayed.
2. Spray a light, even film on area to be lubricated.
3. Wipe off excess with cloth.
4. Repeat application when necessary
5. Do not use on energized equipment.

## IV. Typical Properties and Characteristics

### Physical Properties:

Flash Point	>+90°C (TCC)
Boiling Point	+215°C Initial
Odour	None
Appearance	Colourless liquid
Vapor Density	> air
Solubility	Neg. in water
% Volatile	65%
Specific Gravity	0.815
Viscosity	38-41 cST @ 40°C
Propellant	Carbon Dioxide





CRC Industries NZ, Auckland NZ

**Performance Characteristics:**

Type of film	Thin, oily film
Dry Time	Non-drying wet oil
Temperature Range	-20°C to +150°C (continuous), +170°C (intermittent)

**V. Package Description**

<b>Part Number</b>	<b>Size</b>
3086	312 gm Aerosol

**VI. Special Precautions**

**General:**

Use with adequate ventilation. Store in a cool, well-ventilated 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.

**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 – Remove contaminated clothing and wash skin thoroughly with soap and water. Remove any adhering solids with industrial skin cleansing cream. Do not use solvents. Seek medical attention in the event of irritation. Wash contaminated clothing before reuse.

Eyes – Immediately hold the eyelids apart and flush the eye continuously for at least 15 minutes with fresh running water.

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

Refer to Material Safety Data Sheet for more details.

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 03/2015

**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, Inc.

Global Headquarters: 800 Enterprise Road, Suite 101 | Horsham, PA 19044 | 215.674.4300

Manufacturing and R&D Center: 885 Louis Drive | Warminster, PA 18974 | 215.674.4300

### ALLERGEN CERTIFICATE

**Date:** 5-Mar-20

**Product Name:** Food Grade Penetrating Oil

**Product Code:** No. 03086 (Item# 1003355)

CRC has evaluated the above product against a list of internationally recognized and regulated allergens. The following information is provided to assist our customers in complying with allergen safety programs.

Allergen	Present in Product	Present on Same Production Line	Present in Facility
Dairy / Milk	<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	<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
Peanut	<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	<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 (almonds, brazil nuts, cashews, hazelnuts, macadamia nuts, pecans, pine nuts, pistachio nuts and walnuts)	<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
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
Gluten (wheat, barley, oats, rye)	<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 (fish, crustacean and molluscan shellfish)	<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
Sulfites	<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
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
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
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 (natural rubber)	<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

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 Dept at 800-521-3168.

CRC INDUSTRIES, INC.

*Michelle Rudnick*

Michelle Rudnick  
Director of Regulatory Affairs