



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). NZFSA 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 °C 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)
- **NZFSA 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. Do not use on energized systems.
2. Hold can 200mm to 300mm away from surface to be sprayed.
3. Spray a light, even film on area to be lubricated.
4. Wipe off excess with cloth.
5. Repeat application when necessary

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



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Technical Data Sheet – 3086

CRC Food Grade Penetrating Oil

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

Part Number	Size
3086	312g 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.

TECHNICAL DATA SHEET Version 05/2011

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.