

# SAFETY DATA SHEET

## FOOD GRADE CHAIN LUBE

Infosafe No.: MTBWE  
ISSUED Date : 30/07/2020  
ISSUED by: CRC INDUSTRIES (AUST) PTY  
LIMITED

### Section 1 - Identification

**Product Identifier**

FOOD GRADE CHAIN LUBE

**Product Code**

FG03055

**Company Name**

CRC INDUSTRIES (AUST) PTY LIMITED

**Address**9 Gladstone Road Castle Hill  
NSW 2154 AUSTRALIA**Telephone/Fax Number**

Tel: (02) 9849 6700

Fax: (02) 9680 4914

**Emergency Phone Number**

13 11 26 (PIC)

**E-mail Address**

info.au@crcind.com

**Recommended use of the chemical and restrictions on use**

AEROSOL DISPENSED · CHAIN LUBRICANT · LUBRICANT - AEROSOL

**Other Names**

Name	Product Code
CRC FOOD GRADE CHAIN LUBE	FG03055

**Additional Information**

Website: www.crcindustries.com.au

### Section 2 - Hazard(s) Identification

**GHS classification of the substance/mixture**

Aerosols: Category 2

Hazardous to the Aquatic Environment - Acute Hazard: Category 3

**Signal Word (s)**

WARNING

**Hazard Statement (s)**

H223 Flammable aerosol.

H229 Pressurized container: may burst if heated.

H402 Harmful to aquatic life.

**Pictogram (s)**

Flame

**Precautionary Statement – Prevention**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P273 Avoid release to the environment.

**Precautionary Statement – Storage**

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

**Precautionary Statement – Disposal**

P501 Dispose of contents/container to / in accordance with relevant regulations.

**Other Information**

Classification of the substance or mixture:

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

GHS classification:

Physical Hazards

Aerosols - Flammable: Category 2

Aerosols - Pressurised: Category 2

Health Hazards

Not classified as a Health Hazard

Environmental Hazards

Aquatic Toxicity (Acute): Category 3

Other hazards:

No information provided.

### Section 3 - Composition and Information on Ingredients

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**Ingredients**

Name	CAS	Proportion
White Mineral Oil (Petroleum)	8042-47-5	80-90 %
PETROLEUM GASES, LIQUEFIED, SWEETENED (<0.1% 1,3-BUTADIENE)	68476-86-8	10-20 %
Non hazardous ingredients	Not available	Remainder

**Other Information**

WHITE MINERAL OIL (PETROLEUM)

EC Number: 232-455-8

PETROLEUM GASES, LIQUEFIED, SWEETENED (<0.1%1,3-BUTADIENE)

EC Number: 270-705-8

NON HAZARDOUS INGREDIENTS

EC Number: Not Available

### Section 4 - First Aid Measures

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**Inhalation**

If inhaled, remove from contaminated area. To protect rescuer, use a Type A (Organic vapour) respirator or an Air-line respirator (in poorly ventilated areas). Apply artificial respiration if not breathing.

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### Ingestion

For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting. Ingestion is considered unlikely due to product form.

### Skin

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

### Eye

If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

### First Aid Facilities

Eye wash facilities and safety shower should be available.

### Indication of immediate medical attention and special treatment needed if necessary

Treat symptomatically.

### Most important symptoms/effects, acute, delayed and aggravated medical conditions

See Section 11 - Toxicological Information for more detailed information on health effects and symptoms.

## Section 5 - Firefighting Measures

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### Suitable Extinguishing Media

Dry agent, carbon dioxide or foam. Prevent contamination of drains and waterways.

### Specific Methods

Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

### Specific hazards arising from the chemical

Flammable aerosol. May evolve toxic gases(carbon oxides, hydrocarbons) when heated to decomposition. Aerosol may explode at temperatures exceeding 50°C. Eliminate all ignition sources, including cigarettes, open flames, spark producing switches/tools, heaters, pilot lights, mobile phones, etc when handling. Aerosol cans may explode above 50°C.

### Hazchem Code

2YE

### Decomposition Temperature

Not Available

### Other Information

Hazchem code:

2YE

2 Fine Water Spray.

Y Risk of violent reaction or explosion. Wear full fire kit and breathing apparatus. Contain spill and run-off.

E Evacuation of people in and around the immediate vicinity of the incident should be considered.

## Section 6 - Accidental Release Measures

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### Methods and materials for containment and cleaning up

Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal.

### Personal Precautions

Wear Personal Protective Equipment (PPE) as detailed in section 8 - Exposure controls/personal protection of the SDS. Clear area of all unprotected personnel. Ventilate area where possible and eliminate ignition sources.

### Environmental Precautions

Prevent product from entering drains and waterways.

### Other Information

Reference to other sections:

See Sections 8 - Exposure controls/personal protection and 13 - Disposal considerations for exposure controls and disposal

## Section 7 - Handling and Storage

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### Precautions for Safe Handling

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

### Conditions for safe storage, including any incompatibilities

Store in a cool (< 50°C), dry, well ventilated area, removed from incompatible substances, heat or ignition sources and foodstuffs. Ensure aerosol containers/ cans are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for damaged/ leaking containers. Large storage areas should have appropriate fire protection systems.

### Other Information

Specific end use(s):

No information provided.

## Section 8 - Exposure Controls and Personal Protection

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### Occupational exposure limit values

Ingredient: Liquefied petroleum gas (LPG)

Reference: SWA (AUS)

TWA ppm: 1000

TWA mg/m<sup>3</sup>: 1800

STEL ppm: 1000

STEL mg/m<sup>3</sup>: 1800

Ingredient: Mineral Oil Mist

Reference: SWA (AUS)

TWA mg/m<sup>3</sup>: 5

### Biological Monitoring

No biological limit values have been entered for this product.

### Engineering Controls

Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical explosion proof extraction ventilation is recommended. Flammable vapours may accumulate in poorly ventilated areas. Vapours are heavier than air and may travel some distance to an ignition source and flash back. Maintain vapour levels below the recommended exposure standard.

### Respiratory Protection

At high vapour levels, wear a Type A-Class P1 (Organic gases/vapours and Particulate) respirator.

### Eye and Face Protection

Wear splash-proof goggles.

### Hand Protection

Wear nitrile or neoprene gloves.

### Body Protection

When using large quantities or where heavy contamination is likely, wear coveralls.

## Section 9 - Physical and Chemical Properties

Properties	Description	Properties	Description
Form	Aerosol - Liquid	Appearance	Colourless oily liquid (aerosol dispensed)
Odour	Odourless	Melting Point	Not Available
Boiling Point	333.3°C	Decomposition Temperature	Not Available
Solubility in Water	Insoluble	Specific Gravity	0.82
pH	Not Available	Vapour Pressure	725.9 hPa (estimated)
Relative Vapour Density (Air=1)	Not Available	Evaporation Rate	Not Available
Odour Threshold	Not Available	Viscosity	Not Available
Volatile Component	98.4 %	Partition Coefficient: n-octanol/water (log value)	Not Available
Flash Point	>200°C (liquid component)	Flammability	Flammable aerosol
Auto-Ignition Temperature	260°C	Explosion Limit - Upper	Not Available
Explosion Limit - Lower	Not Available	Explosion Properties	Not Available
Oxidising Properties	Not Available		

## Section 10 - Stability and Reactivity

### Reactivity

Carefully review all information provided in sections 10.2 - Chemical stability to 10.6 - Hazardous decomposition products.

### Chemical Stability

Stable under recommended conditions of storage.

### Possibility of hazardous reactions

Hazardous polymerization is not expected to occur.

### Conditions to Avoid

Avoid heat, sparks, open flames and other ignition sources.

### Incompatible Materials

Incompatible with oxidising agents (e.g. hypochlorites), acids (e.g. nitric acid), alkalis (e.g. sodium hydroxide), heat and ignition sources.

### Hazardous Decomposition Products

May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.

## Section 11 - Toxicological Information

### Toxicology Information

#### Acute toxicity

Acute exposure may result in nausea, vomiting, abdominal pain, diarrhoea, dizziness and drowsiness. This product may have the potential to cause adverse health effects if intentionally misused (e.g. deliberately inhaling contents).

Information available for the ingredients:

WHITE MINERAL OIL (PETROLEUM)

Oral LD50: > 5000 mg/kg (rat)

Dermal LD50: > 2000 mg/kg (rabbit)

Inhalation LC50: 5 mg/L/4hrs (rat)

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### **Skin Corrosion/Irritation**

Contact may result in drying and defatting of the skin, rash and dermatitis.

### **Serious Eye Damage/Irritation**

Contact may result in irritation, lacrimation and redness.

### **Skin Sensitisation**

Not classified as causing skin or respiratory sensitisation.

### **Carcinogenicity**

Not classified as a carcinogen.

### **Reproductive Toxicity**

Not classified as a reproductive toxin.

### **STOT - Single Exposure**

Over exposure may result in irritation of the nose and throat, coughing and headache. High level exposure may result in nausea, dizziness and drowsiness.

### **STOT - Repeated Exposure**

Not classified as causing organ damage from repeated exposure.

### **Aspiration Hazard**

Ingestion is considered unlikely due to product form. However, if liquid component is ingested, aspiration into the lungs may cause chemical pneumonitis and pulmonary oedema.

### **Mutagenicity**

Not classified as a mutagen.

## Section 12 - Ecological Information

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### **Ecotoxicity**

Harmful to aquatic organisms.

### **Persistence and degradability**

No data is available on the degradability of this product.

### **Mobility**

Mobility in soil:

No data available.

### **Bioaccumulative Potential**

No data available.

### **Other Adverse Effects**

No information provided.

## Section 13 - Disposal Considerations

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### **Waste Disposal**

For small amounts, absorb contents with sand or similar and dispose of to an approved landfill site. Do not puncture or incinerate aerosol cans. Contact the manufacturer/supplier for additional information (if required).

### **Local Legislation**

Dispose of in accordance with relevant local legislation.

## Section 14 - Transport Information

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### **Transport Information**

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

LAND TRANSPORT (ADG)

UN Number: 1950

Proper Shipping Name: AEROSOLS

Transport hazard class: 2.1

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Packing Group: None Allocated

SEA TRANSPORT (IMDG/IMO)

UN Number: 1950

Proper Shipping Name: AEROSOLS

Transport hazard class: 2.1

Packing Group: None Allocated

AIR TRANSPORT (IATA / ICAO)

UN Number: 1950

Proper Shipping Name: AEROSOLS

Transport hazard class: 2.1

Packing Group: None Allocated

**UN Number**

1950

**Proper Shipping Name**

AEROSOLS

**Transport Hazard Class**

2.1

**Hazchem Code**

2YE

**IERG Number**

49

**Special Precautions for User**

GTEPG: 2D1

EMS: F-D, S-U

**IATA UN Number**

1950

**IATA Proper Shipping Name**

Aerosols

**IATA Transport Hazard Class**

2.1

**IMDG UN Number**

1950

**IMDG Proper Shipping Name**

AEROSOLS

**IMDG Transport Hazard Class**

2.1

**Environmental Hazards**

Not a Marine Pollutant

## Section 15 - Regulatory Information

### Regulatory Information

Poison schedule: A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Classifications: Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals.

**Poisons Schedule**

N/A

**Global Inventory Status**

Country/Region Inventory	Status Description	Country/Region Inventory	Status Description

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Country/Region Inventory	Status Description	Country/Region Inventory	Status Description
Australia (AICS/AIIC)	AUSTRALIA: AIIC (Australian Inventory of Industrial Chemicals) All components are listed on AIIC, or are exempt.		

### Section 16 - Any Other Relevant Information

#### User Codes

User Title Label	User Codes
Wis Numbers	02690564
Wis Numbers	05942459

#### Signature of Preparer/Data Service

Prepared by: Risk Management Technologies  
5 Ventnor Ave, West Perth  
Western Australia 6005  
Phone: +61 8 9322 1711  
Fax: +61 8 9322 1794  
Email: info@rmt.com.au  
Web: www.rmtglobal.com

#### Other Information

AEROSOL CANS may explode at temperatures approaching 50°C.

RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

#### PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

#### HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a ChemAlert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

#### Abbreviations:

ACGIH: American Conference of Governmental Industrial Hygienists  
CAS#: Chemical Abstract Service number - used to uniquely identify chemical compounds  
CNS: Central Nervous System  
EC No.: EC No - European Community Number  
EMS: Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)  
GHS: Globally Harmonized System  
GTEPG: Group Text Emergency Procedure Guide  
IARC: International Agency for Research on Cancer  
LC50: Lethal Concentration, 50% / Median Lethal Concentration  
LD50: Lethal Dose, 50% / Median Lethal Dose  
mg/m<sup>3</sup>: Milligrams per Cubic Metre  
OEL: Occupational Exposure Limit  
pH: relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).

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ppm: Parts Per Million  
STEL: Short-Term Exposure Limit  
STOT-RE: Specific target organ toxicity (repeated exposure)  
STOT-SE: Specific target organ toxicity (single exposure)  
SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons  
SWA: Safe Work Australia  
TLV: Threshold Limit Value  
TWA: Time Weighted Average

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## END OF SDS

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