



Trusted Aerosol Performance

## SAFETY DATA SHEET

### Section 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** Chain Lube  
**Product Code:** 7748 (5L), 7749 (20L)  
**Uses:** Adhesive Lubricant for Chains and Wire Ropes  
**Company:** Chemz Ltd  
**Address:** 80 Rangitane Place  
Whakatu, Hastings  
**Telephone:** +64 6 877 9690  
**Email:** info@chemz.co.nz  
**Emergency Number, 24 hr:** 0800 764 766 (0800 POISON) NZ National Poison Centre

### Section 2 – HAZARDS IDENTIFICATION

#### Classification of the product

Not considered as a hazardous substance according to the Hazardous Substance (Minimum Degrees of Hazard) Regulations NZ.  
Not classified as a dangerous goods for transport purposes (land, sea and air).

#### HSNO Classifications:

Not classified as hazardous

#### GHS Classifications:

Not classified as hazardous

#### Signal Words

None required

#### Hazard Statements

Avoid contact with eyes.

### Section 3 – COMPOSITION INFORMATION ON INGREDIENTS

#### Substance/mixture: Mixture

Highly refined base oil (IP 346 DMSO extract < 3%). Proprietary performance additives.

Hazardous Ingredients	CAS No.	Proportion, % m/m
Ingredients determined to not be hazardous	-	to 100%

### Section 4 – FIRST AID MEASURES

If medical advice is needed, have product container or label at hand.

If exposed or if you feel unwell: Call a POISON CENTRE or doctor.

**Eye contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

**Inhalation:** First aid is not generally required. If experiencing respiratory symptoms: Call a POISON CENTRE or doctor.

**Ingestion:** IF SWALLOWED: Immediately call a POISON CENTRE or doctor. Do NOT induce vomiting. Where there is risk of vomiting, lean person forward or place on left side to avoid aspiration of product into lungs. Obtain immediate medical attention.

**Skin contact:** IF ON SKIN: Wash with plenty of soap and water. Direct contact may cause an allergenic reaction in sensitive individuals. If skin irritation occurs: Get medical advice.



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**Notes to physician:** Treat symptomatically and supportively. No specific antidote.

### Section 5 – FIRE-FIGHTING MEASURES

**Specific hazards:** The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both) fire gases. There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

**Further advice:** On burning may emit toxic fumes including those of carbon monoxide and carbon dioxide. Fire decomposition products from this product are likely to be irritating if inhaled. Fire fighters to wear self-contained breathing apparatus and full turnout gear if risk of exposure to products of combustion. Use water spray to keep fire-exposed containers cool.

**Extinguishing media:** Suitable extinguishing media are carbon dioxide, dry chemical, and foam. Do not use water jet. Do not discharge extinguishing media into the aquatic environment.

**Hazchem Code:** Not applicable.

### Section 6 – ACCIDENTAL RELEASE MEASURES

**Minor spills:** Minor spills do not normally need any special cleanup measures. Spills are extremely slippery. Clean up all spills immediately. Damaged containers should be placed in a container outdoors.

**Major spills:** Spills are extremely slippery. Evacuate the spill area. Call the Fire Brigade. Prevent spillage from entering drains or water courses. If material enters drains, advise emergency services. Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled containers for disposal. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal prior to disposal.

### Section 7 – HANDLING AND STORAGE

**Handling Precautions:** Read product label before use. Keep out of reach of children. Use in a well-ventilated area. Wash hands with soap and water after handling. Use appropriate personal protective equipment.

**Storage:** Store in a cool, dry place. Keep container tightly closed. Avoid prolonged exposure to elevated temperatures.

### Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limits:** No value assigned for product. Exposure standards for constituents (NZ WES):

Material	TWA, mg/m <sup>3</sup>	STEL, mg/m <sup>3</sup>
Mineral Oil (mist)	5	10

**Additional Information:** Wash hands before eating, drinking and smoking.

**Engineering Controls:** No special equipment is usually needed when occasionally handling small quantities. Use with adequate ventilation. Larger quantities: General exhaust is adequate under normal operating conditions.

**Protective Equipment:** In an industrial environment, the following instructions are for bulk handling or where regular exposure occurs without proper containment systems. Eye protection is not normally necessary when this product is being used. However, if in doubt, wear suitable protective glasses or goggles.

The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves when skin contact is likely.

Usually, no respirator is necessary when using this product. In case of inadequate ventilation wear respiratory protection. If TWA is exceeded, wear an approved respirator with a type A filter.

Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.



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### Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Light to brown coloured liquid.
<b>Odour:</b>	Characteristic
<b>pH:</b>	Not applicable.
<b>Vapour Density:</b>	Not available.
<b>Vapour Pressure, kPa:</b>	0 (20°C)
<b>Volatility:</b>	Nil at 100°C
<b>Boiling Point, °C:</b>	Not available.
<b>Melting Point, °C:</b>	Not available.
<b>Specific Gravity:</b>	0.89 at 15°C
<b>Viscosity, mm<sup>2</sup>/s @40°C:</b>	150
<b>Flash Point, °C:</b>	Closed cup: >200°C (>392°F) [Pensky-Martens ASTM D 93]
<b>Explosion Limit, % v/v:</b>	Not available.
<b>Autoignition Temp, °C:</b>	Not available.
<b>Solubility:</b>	Not soluble in water.

### Section 10 – STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions of use. Not reactive. Avoid oxidisers. Avoid elevated temperatures.
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### Section 11 – TOXICOLOGICAL INFORMATION

<b>Basis for Assessment:</b>	Information given is based on product testing, and/or similar products, and/or components.
<b>Acute Oral Toxicity:</b>	Significant oral exposure is considered to be unlikely. Not expected to be toxic. May cause transient discomfort to mucous membranes.
<b>Acute Dermal Toxicity:</b>	Available data indicates that this product is not harmful and should present no hazards in normal use.
<b>Acute Inhalation Toxicity:</b>	Not expected to be toxic.
<b>Skin Irritation:</b>	Defatting to the skin. Characteristic oil blisters may develop following prolonged and repeated exposure to stained clothing.
<b>Eye Irritation:</b>	Contact with eyes may cause short term discomfort which should disappear once product is removed.
<b>Respiratory Irritation:</b>	Significant exposure is considered to be unlikely. Not expected to be irritant.
<b>Sensitisation:</b>	Not expected to be a sensitiser. Contains ingredients which may cause an allergenic reaction in sensitive individuals.
<b>Repeated Dose Toxicity:</b>	Prolonged contact with product may result in irritant contact dermatitis.
<b>Additional Information:</b>	None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

### Section 12 – ECOTOXICITY INFORMATION

<b>Ecotoxicity:</b>	Experimental data on the finished product is not available.
<b>Mobility:</b>	Floats on water. May impair oxygen transfer. Has no soil mobility.
<b>Persistence/degradability:</b>	No experimental information. The mineral oil component is intrinsically biodegradable.
<b>Bioaccumulation:</b>	No data.



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### Section 13 – DISPOSAL CONSIDERATIONS

**Material Disposal:** This product may be recycled if unused. Dispose of in accordance with applicable regulations. Do not dispose into the environment, in drains or in water courses. Waste product should not be allowed to contaminate soil or water.

Large quantities should be handled by a suitable disposal facility. Incineration or landfill in an authorised facility is suggested.

**Container Disposal:** Recycle cleaned empty container in an approved recycling stream. Product containers are considered wastes of the same class as the contents and should be disposed of in accordance with applicable regulations.

### Section 14 – TRANSPORT INFORMATION

**Transport:** Not classified as a Dangerous Good for transport purposes.

**Proper Shipping Name:** Not applicable.

**UN Number:** Not applicable.

**Dangerous Goods Class:** Not applicable.

**Transport Labels Required:** None

**Subsidiary Risk:** Not applicable.

**Packing Group:** Not applicable.

**Marine Pollutant:** Yes

**EMS Number:** Not applicable.

**Limited Quantity:** Not applicable.

**DG Segregation:** Not applicable.

### Section 15 – REGULATORY INFORMATION

**EPA Approval Number:** Not applicable.

**SDS regulations** This Safety Data Sheet was prepared in accordance with the EPA Hazardous Substances (Safety Data Sheets) Notice July 2017.

**EPA HSNO Controls:** Not applicable.

### Section 16 – OTHER INFORMATION

**Additional information** 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 report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

Abbreviations	AICS	Australian Inventory of Chemical Substances
	ADG	Australian Code for the Transport of Dangerous Goods by Road and Rail
	CAS	Chemical Abstract Service number
	EMS	Emergency Response Procedures for Ships Carrying Dangerous Goods
	EPA	Environmental Protection Agency (New Zealand)
	GHS	Globally Harmonized System



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IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC <sub>50</sub>	Lethal Concentration, 50% / Median Lethal Concentration
LD <sub>50</sub>	Lethal Dose, 50% / Median Lethal Dose
LEL	Lower Explosion Limit
mg/m <sup>3</sup>	Milligrams per Cubic Metre
NICNAS	National Industrial Chemicals Notification and Assessment Scheme (Australia)
NZIoC	New Zealand Inventory of Chemicals
N.O.S.	Not otherwise specified
OEL	Occupational Exposure Limit
PEL	Permissible Exposure Limit
STEL	Short-Term Exposure Limit
STOT-RE	Specific target organ toxicity (repeated exposure)
STOT-SE	Specific target organ toxicity (single exposure)
TLV	Threshold Limit Value
TWA	Time Weighted Average
UEL	Upper Explosion Limit

This SDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Chemz Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. If clarification or further information is needed, the user should contact their Chemz representative or Chemz Limited at the contact details on page 1. Chemz Limited's responsibility for the material as sold is subject to the terms and conditions of sale.

End of SDS.