



Trusted Aerosol Performance

## SAFETY DATA SHEET

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

**Product Name:** Blue Lube  
**Product Code:** 7377 & 7379 & 7370  
**Uses:** Cable pulling lubricant, water based.  
**Restrictions on Use:** None identified  
**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 classified as a hazardous substance according to the Hazardous Substance (Minimum Degrees of Hazard) Regulations NZ.

Not classified as a dangerous goods for transport purposes.

**HSNO Classifications:** Not classified  
**GHS Classifications:** Not classified  
**Signal Words:** Not applicable  
**Hazard Statements:** Not applicable  
**Safety Phrases:** Lubricant is electrically conductive when applied. Dry from conductors before energising circuit.

### Section 3 – COMPOSITION INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS No.	Proportion, % m/m
Ingredients determined to not be hazardous	-	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: Flush with plenty of water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs: Get medical advice.  
**Inhalation:** Not expected to occur by this route. If experiencing respiratory symptoms: Get medical advice.  
**Ingestion:** Product is non-toxic. Rinse mouth with water. Give water to drink. Do NOT induce vomiting. Seek medical assistance if feeling unwell.  
**Skin contact:** IF ON SKIN: Wash with plenty of soap and water. Direct contact may cause irritation in sensitive individuals. If skin irritation occurs: Get medical advice.



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### Section 5 – FIRE-FIGHTING MEASURES

- Specific hazards:** Not combustible. Packaging may burn if involved in a fire.
- Further advice:** On burning, packaging may emit toxic fumes including those of carbon monoxide and carbon dioxide. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion.
- Extinguishing media:** For small fires, use dry chemical, carbon dioxide, water spray or foam.  
For large fires, use water spray. Extinguishing waters are not likely to affect the aquatic environment.
- Hazchem Code:** Not applicable.

### Section 6 – ACCIDENTAL RELEASE MEASURES

- Minor spills:** Lubricant is extremely slippery. Clean up all spills immediately. It should be washed from floors.
- Major spills:** Collect and seal in properly labeled containers for disposal. Wash area down with excess water. Washings are not likely to affect the environment.

### Section 7 – HANDLING AND STORAGE

- Handling Precautions:** Read product label before use. Keep out of reach of children.  
Wash hands with soap and water after handling.
- Storage:** Store in a well ventilated, cool, dry place and out of direct sunlight.

### 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>
-	-	-

- Additional Information:** Lubricant is electrically conductive when applied. Dry from conductors before energising circuit. Lubricant is extremely slippery if spilled.
- Engineering Controls:** No controls required.
- Protective Equipment:** None required in normal use. Gloves may be worn. Wash hands before eating, drinking and smoking.

### Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

- Physical state:** Clear, blue viscous water based gel.
- pH:** 7.0 - 9.0
- Viscosity, cP:** > 30,000
- Solubility:** Soluble in water.
- Boiling Point, °C:** 100
- Specific Gravity:** About 1.0
- Vapour Density:** Not applicable
- Vapour Pressure, kPa:** Not applicable
- Melting Point, °C:** Not applicable
- Flash Point, °C:** Not applicable
- Explosion Limit, % v/v:** Not applicable
- Autoignition Temp, °C:** Not applicable



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### Section 10 – STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions of use. Not reactive. Avoid oxidisers.

### Section 11 – TOXICOLOGICAL INFORMATION

**Data and interpretation:** Not considered to be toxic. No adverse health effects expected.

**Basis for Assessment:** Information given is based on product testing, and/or similar products, and/or components.

**Acute Oral Toxicity:** Not toxic: LD<sub>50</sub> of mixture calculated to be > 5000 mg/kg, Rat.

**Acute Dermal Toxicity:** Not toxic: LD<sub>50</sub> of mixture calculated to be > 5000 mg/kg, Rabbit.

**Acute Inhalation Toxicity:** Not toxic: LC<sub>50</sub> of mixture calculated to be > 20 mg/L, Rat.

**Skin Irritation:** Not expected to be irritating. Direct contact may cause irritation in sensitive individuals.

**Eye Irritation:** Not expected to be irritating.

**Respiratory Irritation:** Not expected to be irritating.

**Sensitisation:** Not expected to be a sensitiser.

**Mutagenicity:** Not expected to be mutagenic.

**Carcinogenicity:** Not expected to be carcinogenic.

**Reproductive toxicity:** Not expected to be a human reproductive or developmental toxicant.

**Reproductive toxicity effects via lactation:** Product not expected to have toxic human reproductive or developmental effects on or via lactation.

**Specific Target Organ Toxicity:** Harmful to human target organs or systems (Repeated or prolonged exposure)

**Repeated Dose Toxicity:** Not expected to be toxic.

**Additional Information:** 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

**Ecotoxicity:** Product is not expected to be harmful to aquatic organisms or the environment.

**Persistence/degradability:** Expected to be biodegradable.

**Bioaccumulation:** Will not bioaccumulate.

### Section 13 – DISPOSAL CONSIDERATIONS

**Material Disposal:** Product wastes are not ecotoxic. May be flushed into the sewer with plenty of water to dilute.

**Container Disposal:** Recycle empty container if possible or dispose of in landfill in accordance with applicable regulations.

### Section 14 – TRANSPORT INFORMATION

**Transport:** Not classified as a Dangerous Good for transport purposes. Not regulated under IMDG or IATA.

**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



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**Marine Pollutant:** No  
**EMS Number** Not applicable  
**DG Segregation:** This product is not classified as a Dangerous Goods.

### Section 15 – REGULATORY INFORMATION

**Inventory Listing:** All components of this product are listed on the New Zealand Inventory of Chemicals (NZIoC). This substance is to be managed using the conditions specified in an applicable Group Standard.

**Classification:** This product is not classified as hazardous according to the criteria of EPA NZ.

**EPA Approval Number:** Not applicable.

**EPA Hsno Controls:** Not applicable. Refer to [www.epa.govt.nz](http://www.epa.govt.nz) for information on Controls.

### Section 16 – OTHER INFORMATION

**NFPA Ratings** Health 0 Fire 0 Reactivity 0

**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**

CAS	Chemical Abstract Service number
EMS	Emergency Response Procedures for Ships Carrying Dangerous Goods
EPA	Environmental Protection Agency (New Zealand)
GHS	Globally Harmonized System
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
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 our best knowledge of the health and safety hazard information. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. Since we cannot control the conditions under which the product may be used, each user must review this SDS in the context of how the user intends to use the product.

End of sds.