# SAFETY DATA SHEET

## Section 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** **Micro Lube Fibre Optic Jetting Cable Lubricant**

**Product Code:** 500ml 7365, 10L 7369

**Uses:** Fibre optic cable pulling lubricant liquid.

**Company:** Chemz Limited

**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) National Poison Centre

## Section 2 – HAZARDS IDENTIFICATION

**Classification of the product**

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

**GHS Classifications:** Not classified

**HSNO Classifications:** Not classified

**Signal Words**: Not applicable

**Hazard Statements:** Not applicable

## Section 3 – COMPOSITION INFORMATION ON INGREDIENTS

| Hazardous Ingredients | CAS No. | Proportion, % m/m |
|---|---|---|
| Ingredients determined to not be hazardous | Not applicable | 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 (0800 764 766 24 hr) 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:** Not expected to occur by this route. If experiencing respiratory symptoms: Get medical advice.

**Skin contact:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice.

**Ingestion:** IF SWALLOWED: Immediately call a POISON CENTRE or doctor. Do NOT induce vomiting. Obtain immediate medical attention.

## Section 5 – FIRE-FIGHTING MEASURES

**General fire hazards:** Product is 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:** Small fires: use dry chemical, carbon dioxide, water spray or foam. Large fires: Use water jet, water spray, fog, or foam. Extinguishing waters are not likely to affect the aquatic environment.

**Protective equipment:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**Firefighting instructions:** No special instructions.

**Hazchem Code:** Not applicable.

## Section 6 – ACCIDENTAL RELEASE MEASURES

**Minor spills:** Spills are slippery. Clean up all spills immediately. Wipe up with absorbent material. Avoid contact with skin and eyes. Wear protective clothing: gloves and safety glasses.

**Major spills:** Spills are slippery. If safe to do so, prevent spillage from entering drains or water courses. Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled containers for disposal. Undamaged containers should be gathered and stored safely. Wash area with water. Extinguishing waters are not likely to affect the aquatic environment.

## Section 7 – HANDLING AND STORAGE

**Handling Precautions:** Read product label before use. Keep out of reach of children.

Avoid personal contact with liquid. Wash hands with soap and water after handling and before eating, drinking and smoking. Use good occupational work practice.

**Storage:** Store in a cool, dry place. Store away from incompatible materials

## Section 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

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

| Material | TWA, mg/m³ | STEL, mg/m³ |
|---|---|---|
| Not applicable | Not applicable | Not applicable |

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

**Engineering Controls:** No controls generally required when handling small quantities.

**Protective Equipment:** **Eye and face protection:** Safety glasses or goggles.

**Skin Protection:** No special equipment needed for minor exposure to small quantities. For moderate exposures wear general protective light weight latex gloves and Safety glasses or goggles.

**Other Protection:** Protective clothing such as overalls, apron and boots are recommended for heavy use.

**Respiratory Protection:** Not required.

## Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

**Appearance**: White translucent slightly viscous liquid.

**Odour**: Slight odour.

**Odour Threshold**: Not available.

**pH:** Not available.

**Freezing Point, °C:** 0

**Melting Point, °C:** Not available.

**Initial Boiling Point, °C:** 100

**Boiling Point Range, °C:** About 100

**Flash Point, °C:** Not available.

**Flammability:** Not flammable or combustible.

**Explosion Limit, % v/v:** **LEL** N/A **UEL** N/A

| | |
|---|---|
| **Vapour Pressure, kPa:** | Not available. |
| **Vapour Density (Air = 1):** | Not available. |
| **Relative Density:** | About 1.0 |
| **Solubility:** | Miscible in water. |
| **Partition Coefficient:** | Not available (n-octanol/water) |
| **Autoignition Temp, °C:** | Not available. |
| **Decomposition Temp, °C:** | Not available. |
| **Kinematic Viscosity, $mm^2/s$:** | Not available. |
| **Particle Characteristics:** | Not available. |

## Section 10 – STABILITY AND REACTIVITY

| | |
|---|---|
| **Reactivity:** | Not reactive. |
| **Chemical Stability:** | Product is considered stable under normal conditions of use. Hazardous polymerisation will not occur. |
| **Possible Hazardous Reactions:** | Avoid reaction with oxidising agents. |
| **Conditions to Avoid:** | Not available. |
| **Incompatible Materials:** | Oxidisers |
| **Hazardous Decomposition Products:** | Packaging combustion products include carbon monoxide, carbon dioxide and other pyrolysis products typical of burning organic material. |

## Section 11 – TOXICOLOGICAL INFORMATION

| | |
|---|---|
| **Basis for Assessment:** | Information given is based on product testing, and/or similar products, and/or components. |
| **Acute Oral Toxicity:** | $LD_{50}$ estimated to be > 5,000 mg/kg (based on component mixture). Not considered to be toxic. |
| **Acute Dermal Toxicity:** | $LD_{50}$ estimated to be > 5,000 mg/kg (based on component mixture). Not considered to be toxic. |
| **Acute Inhalation Toxicity:** | $LC_{50}$ estimated to be > 20 mg/L, Rat 4 hour (based on component mixture). Not considered to be toxic. |
| **Aspiration Hazard:** | Not considered to be an aspiration hazard. |
| **Toxicity of Components:** | Not available: Applies to data either not available or does not fill the criteria for classification. |
| **Skin Irritation:** | Not considered to be irritating. Avoid contact with skin. |
| **Eye Irritation:** | Not considered to be irritating. Avoid direct contact with eyes. |
| **Inhalation:** | Not available. |
| **Respiratory Irritation:** | Not expected to be irritating. |
| **Sensitisation:** | Not expected to be a contact or respiratory sensitiser. |
| **Mutagenicity:** | Not expected to be mutagenic. |
| **Carcinogenicity:** | Not expected to be carcinogenic. |
| **Reproductive toxicity:** | Not expected to be toxic. |
| **STOT, single exposure:** | Not expected to be toxic. |
| **STOT, repeated exposure:** | Not expected to be toxic. |
| **STOT (Narcotic):** | Not expected to be narcotic**.** |
| **Repeated Dose Toxicity:** | Chronic dermal exposure may result in irritant contact dermatitis in sensitive individuals. |
| **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. |

# SAFETY DATA SHEET

## Section 12 – ECOTOXICITY INFORMATION

**Ecotoxicity:** For Hydrocarbons: log Kow 1, BCF ~ 1

| Material | Test | Value | Source |
|---|---|---|---|
| Liquid Product | Not available | Not available | Not available |

**Persistence/degradability:** No data available for all ingredients (Air, Water, Soil).

**Bioaccumulation Potential:** No data available for all ingredients.

**Mobility in Soil:** No data available for all ingredients.

**Other Adverse Effects:** Not expected to be harmful to aquatic life.

## Section 13 – DISPOSAL CONSIDERATIONS

**Material Disposal:** 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 in an authorised facility is suggested.

**Container Disposal:** Recycle empty container if possible or dispose in landfill. Product containers are also considered wastes of the same class of the contents and should be disposed of in accordance with applicable regulations.

**Container Recycling:** Recyclable plastic – Recycle if possible. Packages which hazardous content have been appropriately treated to remove residual contents removed may be recycled.

**Workplace:** Send empty containers to a plastics recycler or commercial waste stream.

## 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:** Not applicable.

**Subsidiary Risk:** Not applicable.

**Marine Pollutant:** No.

**EMS Number** Not applicable.

**Special Provisions:** No data available.

**Limited Quantity:** Not applicable.

**DG Segregation:** Not applicable.

## Section 15 – REGULATORY INFORMATION

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

**EPA Approval Number:** Not applicable.

**Inventory Listing** NZIOC **(**New Zealand Inventory of Chemicals); All components of this product are listed.

**SDS regulations** This Safety Data Sheet was prepared in accordance with the EPA Hazardous Substances (Safety Data Sheets) Notice July 2017 (Consolidated 30 September 2022).

**Hazardous Subs Location:** Not applicable.

**Certified Handler:** Not applicable.

**EPA Hsno Controls:** Not applicable. Refer to www.epa.govt.nz for information on Controls.

# SAFETY DATA SHEET

## Section 16 – OTHER INFORMATION

**Additional information**

Personal Protective Equipment Guidelines: The recommendation for protective equipment contained 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 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 |
| GHS | Globally Harmonized System |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| $LC_{50}$ | Lethal Concentration, 50% / Median Lethal Concentration |
| $LD_{50}$ | Lethal Dose, 50% / Median Lethal Dose |
| LEL | Lower Explosion Limit |
| $mg/m^3$ | 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 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.