

# SAFETY DATA SHEET

## SECTION 1 – IDENTIFICATION: PRODUCT IDENTIFIER/CHEMICAL IDENTITY

**1.1 PRODUCT IDENTIFIER:** Lubri Jet Drop

**1.2 PRODUCT CODE:** Not applicable

**1.3 RELEVANT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST:**  
**RELEVANT IDENTIFIED USES:** Lubricant for dental suction equipment.  
**RESTRICTIONS ON USE:** None known.

**1.4 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:**  
**1.4 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:**  
**SUPPLIER NAME:** Cattani Australia and New Zealand (ABN: 50 004 715 351),  
**ADDRESS:** 280 Dundas Street, Thornbury, Victoria, 3071  
8A Forge Rd, Silverdale, New Zealand.  
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**TELEPHONE NUMBER:** +613 9484 1120 B.H (NZ: 0800 68 22 88)  
**1.5 EMERGENCY TEL. NUMBER:** +61 403 244 457 (NZ: 0800 68 22 88) 24 hours  
(Poisons Information Centre (Aust 131 126; NZ 0800 764 766))

## SECTION 2 – HAZARD(S) IDENTIFICATION

**2.1 CLASSIFICATION OF THE HAZARDOUS CHEMICAL:**  
**NOHSC 1008:** This product is a mixture and is not classified as Hazardous according to the criteria of the National Occupational Health and Safety Commission (SafeWork Australia).  
**GHS CLASSIFICATION HAZARD**  
**CLASS & CATEGORY:** The product is a mixture and is not hazardous under the Model Work Health and Safety Regulations.

**2.2 LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS:**  
**SIGNAL WORD:** Not applicable.  
**HAZARD STATEMENTS:** Not applicable.  
**PRECAUTIONARY STATEMENTS:** Not applicable.

**2.3 OTHER HAZARDS:** The mixture has a low order of toxicity associated with it. The product may be mildly irritating to the respiratory system and eyes. People with pre-existing skin conditions, such as eczema or dermatitis, should take precautions as with any other lubricating product. As for all chemical products, persons should not expose open wounds, cuts, abrasions or irritated skin to this material.

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NUMBER	Concentration % W/W	Risk Phrases*	GHS Classification
Mixture of components determined not to be Hazardous	Mixture	To 100%	Not Applic	Not Applic

Not Applic = Not Applicable \* Please see Section 15 of this SDS for full text of the Risk Phrases.

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## SECTION 4 – FIRST AID MEASURES

### 4.1 DESCRIPTION OF NECESSARY FIRST AID MEASURES:

**INGESTION:** Rinse mouth out with water. As the product is a lubricant, if swallowed, do NOT induce vomiting except under medical supervision. If irritation develops or persists or vomiting has occurred after ingestion, seek medical assistance taking the Safety Data Sheet with you.

**EYE:** If in eyes, hold eyelids apart and flush the eye immediately with large amounts of running water. Check for contact lenses. If there are contact lenses, these should be removed under supervision. After flushing, if irritation develops or persists, seek medical assistance.

**SKIN CONTACT:** If skin or hair contact has occurred remove any contaminated clothing and footwear, wash skin or hair thoroughly with soap and water. If irritation develops or persists, consult a Doctor.

**INHALATION:** If affected, remove the patient from further exposure into fresh air, if safe to do so. If providing assistance, avoid exposure to yourself - only enter contaminated environments with adequate respiratory equipment. Once removed, lay patient down in a well-ventilated area and reassure them whilst waiting for medical assistance. If not breathing, provide artificial respiration and seek immediate medical assistance. If unconscious, place in a recovery position and seek immediate medical assistance.

### PROTECTION FOR FIRST AIDERS:

No person shall place themselves in a situation that is potentially hazardous to themselves. Always ensure that you are wearing gloves when dealing with first aid procedures involving chemicals and/or blood.

**FIRST AID FACILITIES:** Eye wash fountain and safety showers are recommended in the area where the product is used. As a minimum, a source of running, potable water must be available.

### 4.2 MOST IMPORTANT SYMPTOMS & EFFECTS, BOTH ACUTE & DELAYED, CAUSED BY EXPOSURE:

**ACUTE:** Ingestion or inhalation of vapours may lead to irritation of the mouth and respiratory tract. Eye contact may lead to localised burning, redness and tearing. Skin contact may lead to redness or itching in sensitive individuals.

**CHRONIC:** Skin contact may aggravate/exacerbate existing skin conditions, such as dermatitis.

### 4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NECESSARY:

**ADVICE TO DOCTOR:** Treat symptomatically.

## SECTION 5 – FIRE FIGHTING MEASURES

### 5.1 EXTINGUISHING MEDIA:

**SUITABLE MEDIA:** Use extinguishing media appropriate for surrounding fire. Use carbon dioxide, alcohol resistant foam, dry chemical or water fog. Spray down fumes resulting from fire.

**UNSUITABLE MEDIA:** Avoid using full water jet directed at residual material that may be burning. Water may cause splattering on hot oil. Product will float on water.

### 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

**COMBUSTION HAZARDS:** Oxides of carbon and silicon may be formed if the residual silicone oil decomposes during a fire.

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## SECTION 5 – FIRE FIGHTING MEASURES Continued

### 5.3 ADVICE FOR FIREFIGHTERS:

- FIRE:** This product is not flammable under conditions of use. Is a lubricant liquid that has a nominated Typical Flash Point >300°C. Keep storage tanks, pipelines, fire exposed surfaces, etc. cool with water spray.
- HAZCHEM CODE:** Not applicable.
- EXPLOSION:** No information to indicate that the product is an explosion hazard. Extinguish all sources of flame or spark. Closed containers may explode when exposed to extreme heat.
- PROTECTIVE EQUIPMENT:** In the event of a fire, wear full protective clothing and self-contained breathing equipment with full-face piece operated in the pressure demand or other positive pressure mode.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

- PERSONAL PROTECTION:** For small spills, wear PVC, Neoprene or Nitrile gloves, glasses/goggles, enclosed shoes and full-length clothing. During routine operation a respirator is not required. For large spills, or in confined spaces, a full chemically resistant body-suit is recommended and the atmosphere evaluated for oxygen deficiency. If in doubt wear self-contained breathing apparatus.
- CONTROL MEASURES:** Ventilate area and extinguish and/or remove all sources of ignition. Stop the leak if safe to do so. Caution: The spilled product will be slippery. Avoid contact with the spilled material.
- EMERGENCY PROCEDURES:** In the event of a spill or accidental release, notify the relevant authorities in accordance with all applicable regulations.

### 6.2 ENVIRONMENTAL PRECAUTIONS:

- SPILL ADVICE:** Do not allow product to enter drains, surface water, sewers or watercourses - inform local authorities if this occurs.

### 6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

- CONTAINMENT:** Contain the spill and absorb with a proprietary absorbent material, sand or earth. For large spills prepare a bund/barrier/dyke ahead of the spill to confine the spill and allow later recovery. If there is the possibility of spills to enter drains, surface water, sewers or watercourses ensure bunding, or that drains are covered, to minimise the potential for this to occur.
- CLEANING PROCEDURES:** Having contained the spill, as mentioned above, collect all material quickly and place used absorbent in suitable containers. Follow local regulations for the disposal of waste. For large spills that have been banded, the material can be pumped into vessels and returned for reprocessing or destruction. Personnel must wear gloves, goggles or glasses, enclosed shoes and full-length clothing during cleaning procedures. Wash contaminated area and objects with detergent and water after spill has been cleared. Rinse the cleaned area with water. Do not allow wash water or rinsings to enter drains, surface water, sewers or water courses.

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## SECTION 7 – HANDLING AND STORAGE, INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED

### 7.1 PRECAUTIONS FOR SAFE HANDLING:

**SAFE HANDLING:** Avoid contact with the product by using appropriate protective equipment such as gloves, glasses or goggles and full-length clothing. Prevent small spills and leakage to avoid slip hazards. Eating, drinking, and smoking should be prohibited in the area where this material is handled, stored and processed. Workers should follow good personal hygiene practices, such as washing hands before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Keep containers tightly closed when not in use. Prevent product from entering waterways, drains or sewers.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

**SAFE STORAGE:** Store in a dry, well ventilated area away from direct sunlight, ignition sources, oxidising agents, foodstuffs, animal feed and clothing. Keep containers closed when not in use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Store only in original containers.

**INCOMPATIBILITIES:** Oxidizing substances including strong acids.

## SECTION 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION

### 8.1 EXPOSURE CONTROL MEASURES:

**EXPOSURE LIMIT VALUES:** Exposure standards for the product have not been established. There are no known exposure standards for the individual components.

### 8.2 BIOLOGICAL MONITORING:

No data available.

### 8.3 CONTROL BANDING:

No data available.

### 8.4 ENGINEERING CONTROLS:

**ENGINEERING CONTROLS:** Special ventilation is not normally required.

### 8.5 INDIVIDUAL PROTECTION MEASURES:

**EYE & FACE PROTECTION:** Wear safety glasses/goggles to avoid eye contact when handling. Use eye protection in accordance with AS 1336 and AS 1337.

**SKIN (HAND) PROTECTION:** If there is the chance of contact with the material wear gloves to provide hand protection. PVC, Neoprene or Nitrile rubber gloves are recommended.

### SKIN (CLOTHING) PROTECTION:

During normal operating procedures, long sleeved clothing is recommended to avoid skin contact. Soiled clothing should be washed with detergent prior to re-use.

**RESPIRATORY PROTECTION:** During routine operation a respirator is not required.

**THERMAL PROTECTION:** Not applicable.

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## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 PHYSICAL AND CHEMICAL PROPERTIES:

<b>APPEARANCE:</b>	Clear, colourless liquid.
<b>ODOUR:</b>	No detectable odour.
<b>ODOUR THRESHOLD:</b>	No data available.
<b>pH:</b>	Typically 7.
<b>MELTING/FREEZING POINT:</b>	Typically -50°C.
<b>INITIAL BOILING POINT:</b>	No data available.
<b>BOILING RANGE (°C):</b>	Typically -50°C to -35°C.
<b>FLASHPOINT (°C):</b>	Typically >300°C.
<b>EVAPORATION RATE:</b>	No data available.
<b>FLAMMABILITY LIMITS (%):</b>	Not applicable.
<b>VAPOUR PRESSURE (mmHg):</b>	No data available.
<b>VAPOUR DENSITY:</b>	No data available.
<b>DENSITY (g/mL @ 25°C):</b>	Typically 0.96 to 0.98 (DIN 51757).
<b>SOLUBILITY IN WATER(g/L):</b>	Practically insoluble at 20°C.
<b>PARTITION COEFFICIENT:</b>	No data available for n-octanol/water.
<b>AUTO-IGNITION TEMP (°C):</b>	Typically 450°C (DIN 51794).
<b>DECOMPOSITION TEMP (°C):</b>	Nominated decomposition temperature >250°C.
<b>VISCOSITY (cSt @ 100°C):</b>	No data available.
<b>VISCOSITY (cSt @ 25°C):</b>	Typically 334 - 367 mPas.

## SECTION 10 – STABILITY AND REACTIVITY

**10.1 REACTIVITY:** The product does not pose any further reactivity hazards other than those listed in the following sub-sections.

**10.2 CHEMICAL STABILITY:** Stable under recommended storage and handling conditions (see section 7).

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS:** Keep away from strong oxidising agents, such as strong acids, chlorates, nitrates and peroxides. Hazardous polymerisation does not occur.

**10.4 CONDITIONS TO AVOID:** Observe the usual precautionary measures for handling chemicals. Do not heat the container or leave the container open when not in use. Avoid sources of ignition.

### 10.5 INCOMPATIBLE

**MATERIALS:** Strong oxidising agents including concentrated acids.

### 10.6 HAZARDOUS DECOMPOSITION

**PRODUCTS:** Hazardous decomposition products are not expected to form during normal storage requirements. See Section 5.2 for Hazardous Combustion products.

## SECTION 11 – TOXICOLOGICAL INFORMATION

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

The product is a mixture and test data is not available for the product as a whole.

### 11.2 ACUTE TOXICITY:

**SWALLOWED:** This product is expected to have a low order of toxicity associated with it when ingested. It may cause slight irritation to the mouth, throat and digestive tract and may cause nausea and vomiting. Based upon assessment of similar products, the Acute Oral Toxicity is expected to be LD<sub>50</sub> (rat) >5,000 mg/kg when tested against OECD Guideline 420 or similar. During normal usage ingestion should not be a means of exposure.

**EYE:** May be mildly irritating to the eyes. Symptoms may include localised burning, redness and tearing. Correct handling procedures incorporating appropriate eye protection should minimise the risk of eye irritation.

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## SECTION 11 – TOXICOLOGICAL INFORMATION Continued

- SKIN:** Not expected to be irritating to the skin. Human patch testing showed that the product was well tolerated by the skin. The skin LD<sub>50</sub> (rat - extreme test) is >2,000 mg/kg. Correct handling procedures incorporating appropriate protective clothing and gloves should minimise the risk of skin irritation. People with pre-existing skin conditions, such as dermatitis, should take extreme care so as not to exacerbate the condition.
- INHALED:** No data to indicate a toxic inhalation hazard. Negligible irritation hazard at ambient temperature or under normal handling conditions. Not classified as a respiratory irritant.
- 11.2 SKIN CORROSION/ IRRITATION:** This product is not expected to exhibit Dermal Corrosivity/Irritation according to OECD Test 404, based on the available data and the known hazards of the components.
- 11.3 SERIOUS EYE DAMAGE/ IRRITATION:** This product is not expected to exhibit Eye Irritation or Serious Damage/ Corrosivity according to OECD Test 405, based on the available data and the known hazards of the components.
- 11.4 RESPIRATORY OR SKIN SENSITISATION:** This product is not expected to be a skin sensitiser according to a Magnusson-Kligmann (Guinea pig) sensitisation test. This product is not expected to be a respiratory tract sensitiser, based on the available data and the known hazards of the components.
- 11.5 GERM CELL MUTAGENICITY:** Based upon a Bacterial Reverse Mutation Test this product is not expected to be mutagenic.
- 11.6 CARCINOGENICITY:** This product is not expected to be a carcinogen according to OECD Test 451, based on the available data and the known hazards of the components.
- 11.7 REPRODUCTIVE TOXICITY:** This product is not expected to be a reproductive hazard according to tests such as OECD Tests 414 and 421, based on the available data and the known hazards of the components.
- 11.8 SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE:** This product is not expected to cause organ damage from a single exposure, based on the available data and the known hazards of the components.
- 11.9 SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE:** This product is not expected to cause organ damage from prolonged or repeated exposure according to tests such as OECD Tests 410 and 412, based on the available data and the known hazards of the components.
- 11.10 ASPIRATION HAZARD:** This product is not expected to be an aspiration hazard, based on the available data and the known hazards of the components. However, as the product is a lubricant, if vomiting has occurred after ingestion the person should be observed to ensure that aspiration into the lungs has not occurred.
- 11.11 OTHER INFORMATION:** No additional data is available.

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## SECTION 12 – ECOLOGICAL INFORMATION

- 12.1 ECOTOXICITY:** There is no data available for the product as a whole. Based upon calculated values, the overall product would not be expected to be rated.
- 12.2 PERSISTENCE & DEGRADABILITY:** Based on the available data and the known hazards of the components and similar products the product is not expected to be biodegradable. However, the polydimethylsiloxane component is in part biodegradable by chemical-physical non-biological (abiotic) processes.
- 12.3 BIOACCUMULATIVE POTENTIAL:** There is no data available for the product as a whole. Based on the available data and the known hazards of the components and similar products the overall product is not expected to bioaccumulate.
- 12.4 MOBILITY IN SOIL:** If the product enters soil, based upon similar products it is expected that it will adsorb onto soil particles and will not be mobile.
- 12.5 OTHER ADVERSE EFFECTS:** The product forms a thin oily layer on the surface of water. It is absorbed by particles in suspension.

## SECTION 13 – DISPOSAL CONSIDERATIONS

- 13.1 DISPOSAL METHODS: PRODUCT:** The product should not be released to the environment, so any unused material should be recycled wherever possible or be disposed of as hazardous waste at an appropriate collection depot. Spilled product that cannot be recovered should be absorbed and then shovelled into a suitable waste container, such as a plastic drum and then be treated as a solid waste. Follow Government regulations for disposal of such waste. All unused, waste or spilled product must be taken for recycling or disposal by suitably licensed contractors in accordance with Government regulations.
- CONTAINERS:** Empty containers may contain residual product. They should be completely drained and then stored until reconditioned or disposed of. Empty containers should be taken for recycling or disposal through suitably licensed contractors in accordance with Government regulations.

## SECTION 14 – TRANSPORT INFORMATION

This product is not regulated for land, sea or air transportation.

- 14.1 LAND (ADG Code):**
- UN NUMBER:** Not applicable
- UN PROPER SHIPPING NAME:** Not applicable
- TRANSPORT HAZARD CLASS(ES):** Not applicable
- PACKAGING GROUP:** Not applicable
- ENVIRONMENTAL HAZARDS:** Not applicable
- SPECIAL PRECAUTIONS FOR USER:** Not applicable
- HAZCHEM CODE:** Not applicable

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## SECTION 14 – TRANSPORT INFORMATION Continued

### 14.2 SEA (IMDG):

UN NUMBER: Not applicable  
UN PROPER SHIPPING NAME: Not applicable  
TRANSPORT HAZARD CLASS(ES): Not applicable  
PACKAGING GROUP: Not applicable  
ENVIRONMENTAL HAZARDS: Not applicable  
SPECIAL PRECAUTIONS FOR USER: Not applicable

### 14.3 AIR (IATA):

UN NUMBER: Not applicable  
UN PROPER SHIPPING NAME: Not applicable  
TRANSPORT HAZARD CLASS(ES): Not applicable  
PACKAGING GROUP: Not applicable  
ENVIRONMENTAL HAZARDS: Not applicable  
SPECIAL PRECAUTIONS FOR USER: Not applicable

## SECTION 15 – REGULATORY INFORMATION

### 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS: APPLICABLE REGULATIONS:

SUSMP: Not scheduled.  
AICS: All ingredients are on the AICS List.  
MONTREAL PROTOCOL: Not applicable to this product.  
STOCKHOLM CONVENTION: Not applicable to this product.  
ROTTERDAM CONVENTION: Not applicable to this product.  
BASEL CONVENTION: Not applicable to this product.  
INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM SHIPS (MARPOL): Not determined.

### OTHER REGULATORY INFORMATION:

RISK PHRASES [NOHSC:1008]: Not applicable.

SAFETY PHRASES [NOHSC:1008]: Not applicable

GHS CLASSIFICATION HAZARD CLASS & CATEGORY AND HAZARD STATEMENT: Not applicable.

HSNO APPROVAL NUMBER: Not applicable.

HSNO GROUP TITLE: Not applicable.

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## SECTION 16 – ANY OTHER RELEVANT INFORMATION

### SDS INFORMATION:

Date of SDS Preparation: 27<sup>th</sup> March 2014

Revision: 0.0

**REVISION CHANGES:** Initial preparation of SDS.

### ACRONYMS:

SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
CAS Number	Chemical Abstracts Service Registry Number
EINECS	European Inventory of Existing Commercial Chemical Substances
UN Number	United Nations Number
OSHA	Occupational Safety and Health Administration
ACGIH	American Conference of Governmental Industrial Hygienists
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
IUCLID	International Uniform Chemical Information Database
RTECS	Registry of Toxic Effects of Chemical Substances
R-Phrase	Risk Phrases
S-Phrase	Safety Phrases
%W/W	Percent weight for weight
OECD	Organisation for Economic Co-Operation and Development
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
HAZCHEM Code	Emergency action code of numbers & letters which gives information to emergency services
NOHSC	National Occupational Health and Safety Commission
AICS	Australian Inventory of Chemical Substances
TWA	Time-Weighted Average
STEL	Short term Exposure Limit
HSNO	Hazardous Substances and New Organisms Act 1996
GHS	Globally Harmonised System of Classification and Labelling of Chemicals

### LITERATURE REFERENCES AND SOURCES OF DATA:

OECD Guidelines for Testing of Chemicals  
Annex I: OECD Test Guidelines for Studies Included in SIDS  
Manual for the Assessment of Chemicals Chapter 2 Data Gathering  
International Toxicity Testing Guidelines  
Hazardous Substance Information System - Guidance Material for Hazard Classifications  
Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.  
Model Work Health and Safety Regulations.  
Model Work Health and Safety Regulations - Transitional Principles  
Workplace Exposure Standards for Airborne Contaminants  
Australian Dangerous Goods Code 7<sup>th</sup> Edition  
Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004)]  
Guidance on the Classification of Hazardous Chemicals under the WHS Regulations  
Assigning a Hazardous Substance to a Group Standard  
User Guide to the HSNO Thresholds and Classifications  
Summary User Guide to the HSNO Thresholds and Classifications of Hazardous Substances  
Correlation between GHS and New Zealand HSNO Hazard Classes and Categories  
HSNO Control Regulations  
Record of Group Standard Assignment  
Labelling of Hazardous Substances Hazard and Precautionary Information  
Thresholds and Classifications Under the Hazardous Substances and New Organisms Act 1996  
Workplace Exposure Standards and Biological Exposure Indices

All information contained in this Safety Data Sheet and the health, safety and environmental information are considered to be accurate to the best of our knowledge as of the issue date specified above. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Company accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.