

Lubri-Jet drops

SAFETY DATA SHEET (GHS)

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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE/PRODUCT AND MANUFACTURER/IMPORTER

1.1	Product identifier:	
	Product name:	Lubri-Jet Drops
	Product number:	040727
1.2	Other means of identification:	
	Siloxanes and Silicones, di-Me	
	CAS-No.: 63148-62-9	
1.3	Recommended use of the chemical and restrictions on use:	
	None, if handled according to order.	
	Identified uses:	lubrification of instruments
1.4	Details of the manufacturer and importer:	
	Manufacturer:	
	Information and Contact	Magnolia Srl Via Natta 43122 Parma Italy Tel. +0521607604 info.magnolia@cattani.it
	Manufacturers contact in Australia	Cattani - ESAM Group 280 Dundas Street, Thornbury Victoria 3071 + 61-3 9484 1120 Email:cattani@cattani.com.au
1.5	Importer/Distributor:	Cattani - ESAM Group
	Emergency phone number:	13 11 26 Australia Poisons Hotline (24 hours / 7 days) 0800 764 766 (National Poison Centre) New Zealand Poisons Hotline (24 hours / 7 days)

2. HAZARD(S) IDENTIFICATION

2.1	GHS Classification:	
	The product is not classified as hazardous;	
2.2	GHS Label elements, including precautionary statements:	
	Hazard Pictogram:	Not applicable
	Signal word:	None
	Hazard-determining components of labelling:	None
	Hazard statements:	Hazard statements: Nonapplicable
	Precautionary statements:	Precautionary statements: Nonapplicable
2.3	Additional information:	
	No data available.	
	Other hazards:- No data available.	
	Results of PBT and vPvB assessment;	PBT: Not applicable. vPvB: Not applicable.

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3 COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of substances listed below with nonhazardous additions.

Description:

Ingredient name	CAS No.	Classification	Concentration
Silicone oil (Polydimethylsiloxanes)	63148-62-9	No data available	100%

For the full text of the H-Statements mentioned in this Section, refer to Section 16.

4. FIRST AID MEASURES

4.1 Description of necessary first aid measures:

If inhaled:

Provide fresh air. In case of respiratory tract irritation, consult a physician Get medical advice immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

In case of skin contact:

Wash with plenty of water. When in doubt or if symptoms are observed, get medical advice. Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice.

In case of eye contact:

Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice.

If swallowed:

If swallowed, immediately drink: Water Never give anything by mouth to an unconscious person or a person with cramps. Do NOT induce vomiting. Have the subject drink as much water as possible. Get medical advice. Do not induce vomiting unless explicitly authorised by a doctor. Do not eat or drink.

4.2 Symptoms caused by exposure:

minor eye irritation.

Specific information on symptoms and effects caused by the product are unknown.

4.3 Medical attention and special treatment:

Treat symptomatically. Get medical advice.

5. FIRE FIGHTING MEASURES

**5.1 Suitable extinguishing equipment:
Suitable extinguishing media:**

Carbon dioxide (CO2) Extinguishing dry powder foam. The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media:

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

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5.2 Specific hazards arising from the substance/mixture/product:

Overpressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products. In case of fire may be liberated: Pyrolysis products, toxic.

5.3 Special protective equipment and precautions for fire fighters:

Special personal protective equipment:

GENERAL INFORMATION Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS Normal firefighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137). Adapt protective equipment to surrounding fire. Cool endangered containers with water in case of fire.

Precautions:

In case of fire: Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:-

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

For emergency responders Remove all staff not adequately equipped to deal with the emergency. Wear appropriate personal protective equipment referred to in section 8 of the safety data sheet to prevent contamination of the skin, eyes and personal clothing. Stop the leak if there is no danger. Make the area affected by the accident accessible to workers only after adequate remediation has taken place. Ventilate the premises affected by the accident.

6.2 Environmental precautions:-

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3 Methods and materials for containment and cleaning up:-

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Check incompatibility for container material in section 7.

Contaminated material should be disposed of in compliance with the provisions set forth in point 13. See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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6.4 Reference to other sections.

Any information on personal protection and disposal is given in sections 8 and 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:-

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

7.2 Conditions for safe storage, including any incompatibilities:-

Store only in the original container. Store in a well-ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details. Keep/Store only in original container. Keep container tightly closed. Keep in a cool, well-ventilated place. Do not store in temperatures below 5 °C. Store in a ventilated and dry place, far away from sources of ignition. Keep containers well sealed. Keep the product in clearly labelled containers. Avoid overheating. Avoid violent blows

7.3. Specific end use(s).

Information not available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure control measures:-

Occupational exposure limits: None of the components have assigned exposure limits.

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. When choosing personal protective equipment, ask your chemical substance supplier for advice. Personal protective equipment must be CE marked, showing that it complies with applicable standards. The product contains no substances for which there are Community Workplace Exposure Limits (OELs) that require the declaration in this Section

EFFECTS OF SHORT-TERM EXPOSURE:

The substance is irritating to the eyes.

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:

No specific recommendations.

DNEL/DMEL and PNEC values

There are no data available on the preparation itself.

PNEC Values

There are no data available on the preparation itself.

Engineering Measures A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

8.2 Biological monitoring:-

The lists valid during the making were used as basis.

Exposure controls / Personal protective equipment / General protective and hygienic measures:

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. When choosing personal protective equipment, ask your chemical substance supplier for advice.

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Personal protective equipment must be CE marked, showing that it complies with applicable standards. Provide an emergency shower with face and eye wash station.

Technical measures to prevent exposure:

Provide adequate ventilation

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

8.3 Control banding:-

Use good industrial hygiene practice and general ventilation.

8.4 Engineering controls:-

No further relevant information available.

8.5 Individual protection measures include PPE:-

Eye/face protection:



Skin protection:



Respiratory protection:



Safety glasses

Eye glasses with side protection DIN EN 166 Use tightly fitting safety glasses as per Australian Standard AS 1336 and AS/NZS 1337. Safety glasses with side shields

Protective gloves

Short-term exposure (Level 2: < 30 min): disposable gloves to EN374 category III, e.g. nitrile rubber, material thickness 0.1 mm. Long-term exposure (Level 6: < 480 min): protective gloves to EN374 category III, e.g. nitrile rubber, material thickness 0.7 mm. When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits or Wear impervious rubber gloves (AS2161).

Wear a P2 particulate respirator when handling this product (AS1715/1716).

9. PHYSICAL/CHEMICAL PROPERTIES

9.1 Information on physical/chemical properties:-

a) **Appearance/Form:**

b) **Colour:**

c) **Odour:**

d) **Odour threshold:**

e) **pH value:**

f) **Freezing point/melting range:**

g) **Boiling point/boiling range:**

h) **Flash point:**

i) **Ignition temperature:**

j) **Self-igniting:**

k) **Danger of explosion:**

l) **Upper/lower flammability or explosive limits:**

m) **Vapour pressure 50°C:**

n) **Density at 20°C:**

Liquid : Viscous

Colour less.

Odorless

Not determined.

Not determined.

-50 °C Approximate

Not determined

300 °C

> 400 °C

Product is not self-igniting.

Not determined.

Lower | Not flammable

Upper | Not flammable

< 0,1 hPa (20 °C)

Approximate 0,97 kg/dm3 (20 °C)

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<p>o) Relative density:</p> <p>p) Vapour density:</p> <p>q) Solvent separation test 20°C:</p> <p>r) Evaporation rate:</p> <p>s) Solubility in/miscibility with water 20°C:</p>	<p>Not determined.</p> <p>Not applicable.</p> <p>Not determined.</p> <p>Not applicable.</p> <p>Practically Insoluble</p> <p>Acetone.: Very slightly soluble.</p> <p>Ethanol.: Very slightly soluble.</p> <p>Diethylether.: Miscible (in all proportions).</p> <p>Aliphatic hydrocarbons.: Miscible (in all proportions).</p> <p>Aromatic hydrocarbons.: Miscible (in all proportions).</p> <p>Chlorinated solvents.: Miscible (in all proportions).</p>
<p>t) Partition coefficient: n- octanol/water:</p> <p>u) Viscosity:</p>	<p>Not determined.</p> <p>Dynamic 350 mm²/s (25 °C)</p> <p>Kinematic 350 cSt (25°C)</p>
<p>v) Solids content:</p>	<p>Not determined.</p>

10. STABILITY AND REACTIVITY

10.1 Reactivity:

There are no particular dangers of reaction with other substances under normal conditions of use.

10.2 Chemical stability:

The product is stable in normal conditions of use and storage.

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications. The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions:

No particular dangers

10.4 Conditions to avoid:

Avoid overheating. Prevent moisture or water from penetrating inside the containers.

10.5 Incompatible materials:

Information not available.

10.6 Hazardous decomposition products:

Information not available

11. TOXICOLOGICAL INFORMATION

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

11.1 Information on toxicological effects:-

Acute toxicity / Values relevant for classification:

Acute effects

Does not meet the classification criteria for this hazard class

ACUTE TOXICITY

Oral:

Product: LD 50 (Rat): > 5 000 mg/kg LD50: > 24 g/kg - Rat

Dermal:

Product: LD 50 (Rat): > 2 000 mg/kg Not classified

Inhalation:

Product: No data available.

Practical experience/human evidence

Eye contact: irritation.

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Acute dermal toxicity

No data available.

Irritant and corrosive effects

May causes eye irritation.

Sensitisation

Not a skin sensitizer.

Repeated dose toxicity (subacute, sub-chronic, chronic)

Subacute oral toxicity

Not known

Skin corrosion/irritation:

Not a skin sensitizer

Serious eye damage/eye irritation:

Contact with eyes may cause irritation

Respiratory or skin sensitization:

Information not available.

Germ cell mutagenicity:

Information not available.

Carcinogenicity:

Information not available.

Reproductive toxicity:

Information not available.

Specific target organ toxicity - single exposure:

No further relevant information available.

Specific target organ toxicity - repeated exposure:

Information not available.

Aspiration hazard:

No further relevant information available.

Additional information:

Information not available.

11.2 Information on possible routes of exposure:- As per section 4.2

Short Term (Acute) Exposure:

Swallowed:

No data available.

Eyes:

No data available.

Skin:

No data available.

Inhaled:

No data available.

Long Term (Chronic) Exposure:

Swallowed:

No data available.

Eyes:

No data available.

Skin:

No data available.

Inhaled:

No data available.

11.3 Early onset symptoms related to exposure:-

No data available.

11.4 Delayed health effects from exposure:-

No data available.

11.5 Exposure levels and health effects:-

No data available.

11.6 Interactive effects:-

No further relevant information available.

11.7 Other:-

No further relevant information available.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity:-

Based on the assessment of the classification of components and the classification provisions the mixture is not classified as environmentally hazardous with short-term effects.

Fish:

Product: LC 50 (Fish, 96 h): Not considered toxic to fish.

Aquatic Invertebrates:

Product: EC 50 (Sediment Invertebrate, 48 h): Not expected to be harmful to aquatic organisms.

Toxicity to Aquatic Plants:

Product: EC 50 (72 h): Not expected to be harmful to aquatic organisms.

NOEC (72 h): Not expected to be harmful to aquatic organisms.

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**12.2 Persistence/degradability:-
Biodegradation**

Information not available

12.3 Bioaccumulative potential:-

Partition coefficient: n-octanol/water: no data available

12.4 Mobility in soil:-

No further relevant information available.

12.5 Other adverse effects:-

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0.1%.

Additional ecological information / General notes:-

Prevent from flowing into surface water/ground water.

12.6 Other adverse effects:-

Do not allow to enter into surface water or drains

13. DISPOSAL CONSIDERATIONS

13.1 Disposal methods:-

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product Concentrate/larger quantities: 20 01 14* acids.

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Avoid littering. Do not contaminate soil, sewers and waterways.

Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

Waste treatment options

Appropriate disposal / Product

Dispose according to legislation. Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself. Contact a specialist disposal company or the local waste regulator for advice. This should be done in accordance with 'The Hazardous Waste Act'. Can be eliminated with domestic garbage on condition it complies with local regulations.

14. TRANSPORT INFORMATION

UN number ADR / IMDG / IATA:-

No dangerous good in sense of this transport regulation

ADR/ADN/RID:

IMDG: Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

IATA:

UN proper shipping name or technical name:-

ADR:

Land transport (ADR/RID)

No dangerous good in sense of this transport regulation

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IMDG, IATA:

Transport hazard class(es):

Label:
Packaging group:
Environmental hazards:
Special precautions for user:
Danger code:
EMS Number:
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:
Transport/Additional information:

Sea transport (IMDG)
No dangerous good in sense of this transport regulation
 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable..
Air transport (ICAO-TI / IATA-DGR)
 No dangerous good in sense of this transport regulation

Land transport (ADR/RID)
 Class(es) :not applicable
 Classification code : not applicable
 Hazard identification number (Kemler No.) not applicable
 Tunnel restriction code : not applicable
 Special provisions :None
 Hazard label(s) :
 None

Sea transport (IMDG)
 Class(es) : None
 EmS-No. : None
 Special provisions : None
 Hazard label(s) : None

Air transport (ICAO-TI / IATA-DGR)
 Class(es) : None
 Special provisions : None
 Hazard label(s) : None

None
 None
 None
 None
 None
 Packing Instructions: None
 Quantities Maximum: None
 Product is not classified as a dangerous good for transport (ADR, IMDG, IATA).

If you plan to bulk transport adhere to annex II MARPOL 73/78 and the IBC code where applicable.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance/mixture/product:-

Classified as Non Hazardous according to the criteria of the National Occupational Health and Safety Commission (NOHSC) approved criteria for the classifying hazardous substances [NOHSC: 1008] 3rd edition.
 Standard for the Uniform Scheduling of Medicines and Poisons.
 Carcinogen classification under WHS Regulation 2011, Schedule 10.
 Notification status in accordance with section 3 and current national legislation.
 HSNO Approval: May be used as a single component chemical under an appropriate group standard
 EPA NZ Classes of hazardous properties: Class 7

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15.2 Chemical safety assessment:

A chemical safety assessment has been performed for the following contained substances
Not applicable

16. OTHER INFORMATION

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Key to abbreviations/acronyms used in SDS:-

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Flam. Liq. 3 Flammable liquid, category 3

Met. Corr. 1 Substance or mixture corrosive to metals, category 1

Acute Tox. 4 Acute toxicity, category 4

Skin Corr. 1A Skin corrosion, category 1A

Skin Corr. 1B Skin corrosion, category 1B

Eye Dam. 1 Serious eye damage, category 1

Skin Irrit. 2 Skin irritation, category 2

Skin Sens. 1 Skin sensitization, category 1

Aquatic Acute 1 Hazardous to the aquatic environment, acute toxicity, category 1

Aquatic Chronic 1 Hazardous to the aquatic environment, chronic toxicity, category 1

Aquatic Chronic 2 Hazardous to the aquatic environment, chronic toxicity, category 2

This material is listed on the Australian Industrial Chemical Introduction Scheme (AICIS)

Key literature references/data sources used to compile SDS:-

Standard EN420:2003 General requirements for protective gloves: disposable gloves, e.g. nitrile rubber, material thickness 0.1 mm (Australian Standard 2161).

Long-term exposure (Level 6: < 480 min): protective gloves, e.g. nitrile rubber, material thickness 0.7 mm (Australian Standard 2161).

Personal eye protection - Eye and face protectors for occupational applications: safety glasses (Australian Standard AS 1336 and AS/NZS 1337.1:2010).

Copyright statement:-

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Disclaimer:

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses. Provide appointed staff with adequate training on how to use chemical products.