

Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 19 September 2017



Revision: 19 January 2017

Page 1 of 5

1 Identification of the substance/preparation and of the company/undertaking

Trade name: ***Linelube Synthetic Gear Oil 75W90***

Relevant identified uses of the substance or mixture and uses advised against:

Use of the substance/mixture: High performance heavy duty automotive gear oil.

Use advised against: Do not use in any other application

Supplier:

Online Lubricants Ltd.

Unit 20, The io Centre, Barking, London IG11 0DR

UK Tel. +44 (0) 208 507 0123

In case of emergency: +44 (0) 208 507 0123

2 Hazards identification

2.1 Classification of the substance or mixture

- CLP: Not Classified

- CHIP: Not hazardous according to current CHIP Regulations

2.2 Label elements

- Hazard statements: None assigned

- Precautionary statements: None assigned

2.3 Other hazards

A petroleum product. DMSO extract < 3 Weight % (IP 346). The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346. This note applies only to certain complex oil derived substances. (1272/2008/EC ("CLP"), Annex VI, Note L)

3 Composition / Information on ingredients

3.1 Mixtures

- Lubricating oils; Baseoil - unspecified

CAS Number: 74869-22-0

EC Number: 278-012-2

REACH Registration Number:

Concentration: 1-10%

H Statements: Not Applicable

- 1-decene, homopolymer 100%

CAS Number: 68037-01-4

EC Number: 500-183-1

REACH Registration Number:

Concentration: 40 - 50%

H Statements: H304, H332

4 First-aid measures

4.1 Description of first aid measures

- Inhalation

Do not breathe vapour

Do not breathe dust

When in doubt or symptoms persist, seek medical attention

Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 19 September 2017



Revision: 19 January 2017

Page 2 of 5

- Contact with eyes
Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eye lids open.
Seek medical attention if irritation or symptoms persist. If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes. Irrigate eyes thoroughly whilst lifting eyelids.
When in doubt or symptoms persist, seek medical attention
- Contact with skin
H315 - Causes skin irritation.
After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water. Seek medical attention if irritation persists
- Ingestion
Ingestion may cause nausea and vomiting.
P331 - Do NOT induce vomiting. Seek medical advice if necessary

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes and skin
- Causes nausea/vomiting

4.3 Indication of any immediate medical attention and special treatment needed

- Wash affected area with plenty of soap and water
- If you feel unwell, seek medical advice (show the label where possible)

5 Fire Fighting Measures

5.1 Extinguishing media

- In case of fire use carbon dioxide or dry agent
- Do not use water jets

5.2 Special hazards arising from the substance or mixture

- Burning produces obnoxious and irritating fumes.
- In case of fire, do not breathe fumes

5.3 Advice for firefighters

- Prevent run off water from entering drains if possible
- Wear Breathing Apparatus
- Do not use water Jet

6 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
- Ensure adequate ventilation

6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Absorb spillage in suitable inert material
- Place in appropriate container
- Seal containers and label them
- To clean the floor and all objects contaminated by this material use water

6.4 Reference to other sections

- See Section 2 and 16

7 Handling and Storage

7.1 Precautions for safe handling

- Avoid contact with skin and eyes
- Ensure adequate ventilation

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Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 19 September 2017



Revision: 19 January 2017

Page 3 of 5

- P412 - Do not expose to temperatures exceeding 50°C/ 122°F.
- P202 - Do not handle until all safety precautions have been read and understood.

7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated place
- P233 - Keep container tightly closed.

7.3 Specific end use(s)

- Please use this product as indicated in sections 1 and 2. If you are uncertain please contact us immediately as not using the product in the right way could be dangerous for your health and machinery.

8 Exposure controls/personal protection

8.1 Control parameters

- WEL (long term) 5 mg/m³
- WEL (short term) 10 mg/m³

8.2 Exposure controls

- Engineering controls should be provided to prevent the need for ventilation
- Wear suitable protective clothing, eye/face protection and gloves
- Wear suitable respiratory protection



9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid
- Odour: Very small, Mild
- Freezing point/Range: -20°C
- Boiling Point/Range: > 150 °C
- Flashpoint: 200 °C
- Oxidising Properties:
- Explosive Properties: Considered stable under normal conditions
- Autoignition Temperature > 300 °C
- Vapour Pressure: 1
- Density: 0.889
- Viscosity: 156
- Solubility in water: Insoluble in water

9.2 Other information

The figures in this section are for guidance only please always use them in conjunction with the technical data sheet.

10 Stability and Reactivity

10.1 Reactivity: - No hazardous reactions known if used for its intended purpose

10.2 Chemical stability: - Considered stable under normal conditions

10.3 Possibility of hazardous reactions: -

10.4 Conditions to avoid: - P412 - Do not expose to temperatures exceeding 50°C/ 122°F.

10.5 Incompatible materials: - Incompatible with strong oxidizing substances

10.6 Hazardous Decomposition Products: - Combustion or thermal decomposition could liberate carbon oxides and other toxic gases or vapours.

11 Toxicological Information

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Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 19 September 2017



Revision: 19 January 2017

Page 4 of 5

11.1 Information on toxicological effects

Skin corrosion/irritation: May cause sensitisation by skin contact.
Serious eye damage/irritation: May cause temporary eye irritation.
Respiratory or skin sensitisation: Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature.
Prolonged or repeated exposure: Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer. Repeated exposure may cause skin dryness or cracking

12 Ecological Information

12.1 Toxicity

- LD50 (oral) : >2000 mg/kg
- Dermal Rat LD50: >2000
- EC50 (Daphnia magna) 101.0000 mg/l (48 hr)
- LC50 (fish) 101.0000 mg/l (96 hr)
- IC50 (algae) 101.0000 mg/l (72 hr)

12.2 Persistence and degradability

- The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in aquatic environments.

12.3 Bioaccumulation Potential

- Bioaccumulation is insignificant

12.4 Mobility in soil

- The product is not volatile. The product is insoluble in water and will spread on the water surface.

12.5 Results of PBT and vPvB assessment

- Not applicable.

12.6 Other Adverse Effects

- May cause long-term adverse effects in the environment

13 Disposal Considerations

13.1 Waste treatment methods

- Dispose of this material and its container at hazardous or special waste collection point
- UK Waste Codes: 13 XX XX
- We recycle 205L and 1000L packaging.

14 Transport Information

14.1 UN Number: Not applicable **Not classified as hazardous for transport**

14.2 UN Proper Shipping Name: Not applicable

14.3 Transport hazard class(es): Not applicable

14.4 Packing group: Not applicable

14.5 Environmental hazards: Not Classified

14.6 Special precautions for user: Not Classified

14.7 Transport in bulk according to Annex II of MARPOL and the IBC code: Not Classified

15 Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Supply regulations:

DPD: Dangerous Preparations Directive;

GHS: Globally Harmonised System of classification and labelling of chemicals;

CLP: Classification, Labelling and Packaging regulations.

Transport regulations:

CDG: Carriage of Dangerous Goods regulations;

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Page 5 of 5

ADR/RID/IMDG/ICAO/IATA regulations.

Refer to current Health and Safety at Work Act

15.2 Chemical Safety Assessment

- A chemical safety assessment (CSA) for this product has not yet been completed

16 Other Information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:-

H304: May be fatal if swallowed and enters airways.

H332: Harmful if inhaled.