

Material Safety Data Sheet

According to 1907/2006/EC, Article 31



Printing Date: 09 June 2020

Revision: 19 January 2017

(Page 1 of 5)

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

Trade name: **linelube Honing Oil**

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

- Use of the substance/mixture: Honing and grinding 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: Classification (EC 1272/2008) Asp. Tox. 1 - H304
- CHIP: Classification (1999/45/EEC) Xn; R65.
- May cause harm to breastfed babies. Harmful: may cause lung damage if swallowed

2.2 Label elements

- Hazard statements
- Signal Word: Danger
- H304 - May be fatal if swallowed and enters airways.
- Precautionary statements
- P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P331 - Do NOT induce vomiting.



2.3 Other hazards

- P405 - Store locked up.

3 Composition / Information on ingredients

3.1 Mixtures

Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics.

- CAS Number: N/A
- EC Number: 934-956-3
- REACH Registration Number: 01-2119827000-58-xxxx
- Concentration: 85-95%
- H Statements: Asp. Tox. 1 - H304

Fatty acid, rape seed methyl esters and Lard oil

- CAS Number: 68390-93-2
- EC Number: 1907/2006
- REACH Registration Number:
- Concentration: 15-25%
- H Statements: None

Material Safety Data Sheet

According to 1907/2006/EC, Article 31



Printing Date: 09 June 2020

Revision: 19 January 2017

(Page 2 of 5)

4 First-aid measures

4.1 Description of first aid measures

- **Inhalation:** Move into fresh air and keep at rest. Get medical attention if any discomfort continues.
- **Contact with eyes:** Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
- **Contact with skin:** Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
- **Ingestion:** DO NOT induce vomiting. Get medical attention immediately. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention immediately!

4.2 Most important symptoms and effects, both acute and delayed

- **Inhalation:** Vapours inhaled in high concentrations have a narcotic effect on the central nervous system. Irritation of nose, throat and airway.
- **Ingestion:** The product may enter the lungs due to its low viscosity, and lead to the rapid development of very serious inhalation pulmonary lesions (medical survey during 48 hours). May cause discomfort if swallowed. Nausea, vomiting. Diarrhoea.
- **Skin contact:** Prolonged contact may cause redness, irritation and dry skin.
- **Eye contact:** Irritation, burning, lachrymation, blurred vision after liquid splash.

4.3 Indication of any immediate medical attention and special treatment needed - Treat symptomatically.

5 Fire Fighting Measures

5.1 Extinguishing media

- Extinguish with foam, carbon dioxide, dry powder or water fog.
- Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture

- Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
- Hazardous decomposition products formed under fire conditions.

5.3 Advice for firefighters

Special Fire Fighting Procedures:

- Water spray should be used to cool containers. Keep run-off water out of sewers and water sources. Dyke for water control. Protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6 Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

- Provide adequate ventilation. Do not smoke, use open fire or other sources of ignition. Wear protective clothing as described in Section 8 of this safety data sheet.

6.2 Environmental Precautions

- Do not discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable adsorbent material.

Material Safety Data Sheet

According to 1907/2006/EC, Article 31



Printing Date: 09 June 2020

Revision: 19 January 2017

(Page 3 of 5)

6.3 Methods and material for containment and cleaning up

- Absorb with sand or other inert absorbent. Collect in containers and seal securely. Remove containers and flush area with 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 eyes. Provide good ventilation. Do not breathe vapours or spray mist.

7.2 Conditions for safe storage, including any incompatibilities

- Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from: Oxidising material. Acids. Suitable containers: mild steel, stainless steel. Use only containers, joints, pipes and seals that are resistant to hydrocarbons.

7.3 Specific end use(s) - See Section 1

8 Exposure controls/personal protection

8.1 Control parameters

Hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics.

- TWA - 8 Hrs - 5 mg/m³
- STEL - 15 Min - 10 mg/m³

8.2 Exposure controls

Process conditions: Provide eyewash, quick drench.

Engineering measures: Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment: If ventilation is insufficient, suitable respiratory protection must be provided. It is recommended to use respiratory equipment with combination filter, type A2/P2. Check that mask fits tight and change filter regularly.

Hand protection: Use protective gloves made of: Nitrile. Polyvinyl alcohol (PVA). Viton rubber (fluor rubber) Manufactured/tested in accordance with EN 374. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.



Eye protection: Wear splash-proof eye goggles to prevent any possibility of eye contact.



Hygiene measures: Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. When using do not eat, drink or smoke.

Skin protection: Wear apron or protective clothing in case of contact.

Environmental Exposure Controls: Do not allow material to contaminate groundwater system.

9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid, colourless to yellow
- Odour: Characteristic.
- Freezing point/Range: No information available
- Boiling Point/Range: No Data Available

Material Safety Data Sheet

According to 1907/2006/EC, Article 31



Printing Date: 09 June 2020

Revision: 19 January 2017

(Page 4 of 5)

- Flashpoint: 147°C
- Oxidising Properties: Not considered oxidising
- Autoignition Temperature No Data Available
- Explosive Properties: Considered stable under normal conditions
- Specific Gravity: @ 20°C 0.821

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 - Stable under normal temperature conditions and recommended use.

10.2 Chemical stability - Considered stable under normal conditions

10.3 Possibility of hazardous reactions - None under normal processing.

10.4 Conditions to avoid - Avoid heat, flames and other sources of ignition.

10.5 Incompatible materials - Strong oxidising agents. Strong acids.

10.6 Hazardous Decomposition Products

- Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Hydrocarbons. Aldehydes.

11 Toxicological Information

11.1 Information on toxicological effects

- Inhalation Rat LC50/30min: >5.53 Dermal Rat LD50: >2000 Oral Rat LD50: >5000
- Information given is based on data on the components and the toxicology of similar products.

12 Ecological Information

12.1 Toxicity

- LC 50, 96 Hrs, Fish mg/l >1028
- Acute Toxicity - Aquatic Invertebrates
- 48 hours > 3193 mg/l
- IC 50, 72 Hrs, Algae, mg/l >10000
- Acute Toxicity - Terrestrial
- Not available.

12.2 Persistence and degradability - Readily biodegradable.

12.3 Bioaccumulation Potential

- Bioaccumulative potential. Substance is a UVCB. Standard tests for this endpoint are not appropriate.

12.4 Mobility in soil - Non-volatile. The product is poorly absorbed onto soils or sediments

12.5 Results of PBT and vPvB assessment - Not Classified as PBT/vPvB by current EU criteria.

12.6 Other Adverse Effects

Material Safety Data Sheet

According to 1907/2006/EC, Article 31



Printing Date: 09 June 2020

Revision: 19 January 2017

(Page 5 of 5)

13 Disposal Considerations

13.1 Waste treatment methods

Waste is classified as hazardous waste.

- Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority. Contaminated packages must be completely emptied before sending away for laundering and re-use.
- Dispose of waste and residues in accordance with local authority requirements.

Waste Class

- EWC NUMBER: Allocation of a waste code number in accordance with the European Waste Catalogue, should be carried out in agreement with an EA authorised waste disposal company. Hazardous Waste

14 Transport Information

14.1 UN Number - UN No.: Not classified as hazardous for transport

14.2 UN Proper Shipping Name - Proper Shipping Name: Not classified as hazardous for transport

14.3 Transport hazard class(es) - Hazard Class: Not classified.

14.4 Packing group - Packing Group: IMDG Packing group N/A, ICAO Packing group N/A

14.5 Environmental hazards

- Environmentally hazardous: Yes
- Marine pollutant: No

14.6 Special precautions for user - Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC code - Not applicable

15 Regulatory Information

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

EU Legislation:

- Regulation (EC) No 1272/2008 CLP. Regulation (EC) No 1907/2006 REACH.

National Regulations

- The substance is listed in the following International Inventories or exempt:
- EINECS/ELINCS TSCA (US) DSL (CA) ENCS IECSC (CN)
- KECL PICCS AICS (AU) G-1700 (CH)

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.
- R65 Harmful: may cause lung damage if swallowed.