

Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date: 02 December 2020



Revision: 24 October 2019

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

Trade name: *linelube Hammer Grease*

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

- Use of the substance/mixture: Lubricating grease
- Use advised against: Use only for intended applications

Supplier:

Online Lubricants Ltd.
Unit 20, The IO Centre, 69 River Road, Barking 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

Classification (EC 1272/2008)

- Physical hazards: Not Classified
- Health hazards: Not Classified
- Environmental hazards: Not Classified

2.2 Label elements

- Hazard statements: NC Not Classified

2.3 Other hazards

- This product does not contain any substances classified as PBT or vPvB.

3. Composition / Information on ingredients

3.1 Mixtures

Residual oils (petroleum), hydrotreated: 40-70%

- CAS number: 64742-57-0
- EC number: 265-160-8
- REACH registration number: 01-2119489287-22-0000

Substance with National workplace exposure limits.

Classification: Not Classified

Graphite: 10-25%

- CAS number: 7782-42-5
- EC number: 231-955-3
- REACH registration number: 01-2119486977-12-0000

Substance with National workplace exposure limits.

Classification: Not Classified

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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4. First-aid measures

4.1 Description of first aid measures

General information

If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.

Inhalation

No specific recommendations. If throat irritation or coughing persists, proceed as follows.

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Loosen tight clothing such as collar, tie or belt. Get medical attention if any discomfort continues.

Ingestion

No specific recommendations. If throat irritation or coughing persists, proceed as follows.

Rinse mouth. Get medical attention if any discomfort continues.

Skin contact

No specific recommendations. Rinse with water. Get medical attention if any discomfort continues.

Eye contact

Remove any contact lenses and open eyelids wide apart. Rinse with water. Get medical attention if any discomfort continues.

Protection of first aiders

Use protective equipment appropriate for surrounding materials.

4.2 Most important symptoms and effects, both acute and delayed

General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

No specific symptoms known.

Ingestion

No specific symptoms known. May cause discomfort if swallowed.

Skin contact

Prolonged contact may cause dryness of the skin.

Eye contact

No specific symptoms known. May be slightly irritating to eyes.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor: Treat symptomatically.

Specific treatments: No special treatment required.

5. Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

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5.2 Special hazards arising from the substance or mixture

Specific hazards

None known.

Hazardous combustion products

Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

5.3 Advice for firefighters

Protective actions during firefighting

Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

- No specific recommendations. For personal protection, see Section 8.

6.2 Environmental Precautions

- Avoid discharge into drains or watercourses or onto the ground.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up: Reuse or recycle products wherever possible. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of contents/container in accordance with national regulations.

6.4 Reference to other sections

- For personal protection, see Section 8. For waste disposal, see Section 13.

7. Handling and Storage

7.1 Precautions for safe handling

Usage precautions

Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use.

Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Storage precautions: Store away from incompatible materials (see Section 10). No specific recommendations.

Storage class: Unspecified storage.

7.3 Specific end use(s)

- The identified uses for this product are detailed in Section 1.2.

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8. Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Residual oils (petroleum), hydrotreated

Short-term exposure limit (15-minute): WEL 10 mg/m³ mist

Graphite

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust

WEL = Workplace Exposure Limit

Ingredient comments: No exposure limits known for ingredient(s).

8.2 Exposure controls

Appropriate engineering controls

No specific ventilation requirements.

Eye/face protection

No specific eye protection required during normal use. Large Spillages: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection

No specific hand protection recommended. Large Spillages: Wear protective gloves.

Hygiene measures

Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

Respiratory protection

No specific recommendations. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.

Environmental exposure controls

Not regarded as dangerous for the environment.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Grease

Colour: Black

Odour: Almost odourless

Odour threshold: No information available

pH: Not applicable

Melting point: Not applicable

Initial boiling point and range: No information available

Flash point: ≥ 280°C Cleveland open cup. Information given is applicable to the major ingredient.

Evaporation rate: No information available

Evaporation factor: No information available

Flammability (solid, gas): No information available

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Upper/lower flammability or explosive limits: No information available

Other flammability: No information available

Vapour pressure: No information available

Vapour density: No information available

Relative density: No information available

Bulk density: No information available

Solubility(ies): Insoluble in water

Partition coefficient: No information available

Auto-ignition temperature: No information available

Decomposition Temperature: No information available

Viscosity: 1500 cSt @ 40°C. Information given is applicable to the major ingredient.

Explosive properties: Not considered to be explosive

Explosive under the influence of a flame: Not considered to be explosive

Oxidising properties: Not applicable

9.2 Other information

10. Stability and Reactivity

10.1 Reactivity

- See the other subsections of this section for further details.

10.2 Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3 Possibility of hazardous reactions

- No potentially hazardous reactions known.

10.4 Conditions to avoid

- There are no known conditions that are likely to result in a hazardous situation.

10.5 Incompatible materials

Materials to avoid

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6 Hazardous decomposition products

Hazardous decomposition products

Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

11. Toxicological Information

11.1 Information on toxicological effects

Toxicological effects: Not regarded as a health hazard under current legislation.

Acute toxicity – oral

Notes (oral LD₅₀): Based on available data the classification criteria are not met.

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Acute toxicity – dermal

Notes (dermal LD₅₀): Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀): Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data: Based on available data the classification criteria are not met.

Serious eye damage/irritation: Based on available data the classification criteria are not met.

Respiratory sensitisation: Based on available data the classification criteria are not met.

Skin sensitisation: Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro: Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity: Based on available data the classification criteria are not met.

IARC carcinogenicity: None of the ingredients are listed or exempt.

Reproductive toxicity

Fertility: Based on available data the classification criteria are not met.

Development: Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure: Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure: Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard: Not relevant. Solid.

General information

No specific health hazards known. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation: No specific symptoms known.

Ingestion: No specific symptoms known. May cause discomfort if swallowed.

Skin contact: Prolonged contact may cause dryness of the skin.

Eye contact: No specific symptoms known. May be slightly irritating to eyes.

Route of exposure: Ingestion Inhalation Skin and/or eye contact.

Target organs: No specific target organs known.

12. Ecological Information

Ecotoxicity: Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

12.1 Toxicity

- Toxicity Based on available data the classification criteria are not met.

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12.2 Persistence and degradability

- The degradability of the product is not known.

12.3 Bioaccumulation potential

Bioaccumulative potential: No data available on bioaccumulation.

Partition coefficient: No information available.

12.4 Mobility in soil

- No data available.

12.5 Results of PBT and vPvB assessment

12.6. Other adverse effects

- None known.

13. Disposal Considerations

13.1 Waste treatment methods

General information

The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way.

Disposal methods

Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority.

14. Transport Information

General: The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number: Not applicable.

14.2. UN proper shipping name: Not applicable.

14.3. Transport hazard class(es): No transport warning sign required.

14.4. Packing group: Not applicable.

14.5. Environmental hazards: Environmentally hazardous substance/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

- Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

15. Regulatory Information

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

National regulations

Health and Safety at Work etc. Act 1974 (as amended).

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment

Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].

EH40/2005 Workplace exposure limits.

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EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Commission Regulation (EU) No 2015/830 of 28 May 2015.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

- No chemical safety assessment has been carried out.

Inventories

EU - EINECS/ELINCS: All the ingredients are listed or exempt.

Canada - DSL/NDL: All the ingredients are listed or exempt.

US - TSCA: All the ingredients are listed or exempt.

Australia - AICS: All the ingredients are listed or exempt.

Korea - KECI: All the ingredients are listed or exempt.

China - IECSC: All the ingredients are listed or exempt.

Philippines - PICCS: All the ingredients are listed or exempt.

New Zealand - NZIOC: All the ingredients are listed or exempt.

Taiwan - NECI: All the ingredients are listed or exempt.

16. Other Information

Abbreviations and acronyms used in the safety data sheet

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

CAS: Chemical Abstracts Service.

ATE: Acute Toxicity Estimate.

LC₅₀: Lethal Concentration to 50 % of a test population.

LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC₅₀: 50% of maximal Effective Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

Training advice: Only trained personnel should use this material.

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