

**SAFETY DATA SHEET****LUBRICANT**

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

SECTION 1: Identification of the substance / mixture and of the company / undertaking

Date issued 14.12.2010

Revision date 22.06.2017

1.1. Product identifier

Product name LUBRICANT

CAS No. 61789-97-7

EC No. 263-099-1

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of chemical, comments 100% tallow from cattle, raw material of food grade.

1.3. Details of the supplier of the safety data sheet**Distributor**

Company name MCT Brattberg AB

Postal address Lyckeåborg

Postcode SE-37192

City Karlskrona

Country Sweden

Telephone number +46 455-37 52 00

Fax +46 455-37 52 90

Website <http://www.mctbrattberg.se>

Contact person info@mctbrattberg.se

1.4. Emergency telephone number

Emergency telephone Telephone number: 112

Description: The European Union and GSM standard emergency number

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

CLP classification, comments	Not classified
Additional information on classification	The product is not classified as hazardous according to current EU legislation.

2.2. Label elements

Other label information (CLP)	100% tallow from cattle, raw material of food grade. No labelling required
Other EU labelling requirements	No labelling required

2.3. Other hazards

Other hazards	None known
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SECTION 3: Composition / information on ingredients

3.1. Substances

Substance additional information	100% tallow from cattle, raw material of food grade.
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SECTION 4: First aid measures

4.1. Description of first aid measures

General	Call a POISON CENTER or doctor/physician if you feel unwell.
Eye contact	Rinse cautiously with water for several minutes.

4.2. Most important symptoms and effects, both acute and delayed

Information for health personnel	No specific recommendations
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4.3. Indication of any immediate medical attention and special treatment needed

Other information	No information.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Foam, carbon dioxide or dry powder.
Improper extinguishing media	Do not use direct water jet on burning material.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Closed containers may build up pressure when exposed to heat and should be cooled with water spray.
Hazardous combustion products	Carbon oxides (CO, CO ₂)

5.3. Advice for firefighters

Other information Undvik inandning av rök.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures Avoid discharge to sewer and water environment.

6.2. Environmental precautions

Environmental precautionary measures Collect spillage.

6.3. Methods and material for containment and cleaning up

Cleaning method Collect the material and flush with plenty of hot water.

6.4. Reference to other sections

Additional information Regarding waste disposal, section 13

Handling and storage

7.1. Precautions for safe handling

Handling No specific information.

7.2. Conditions for safe storage, including any incompatibilities

Conditions for safe storage

Storage temperature Comments: Keep cool.

7.3. Specific end use(s)

Recommendations No specific recommendations.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Other Information about threshold limit values The product has no occupational exposure limits.

8.2. Exposure controls

Precautionary measures to prevent exposure

Product related measures to prevent exposure When handling this product wear safety glasses. As a precaution, wash hands after handling the product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	white grease
Odour	Mild odor of tallow.
Odour limit	Comments: Not relevant
pH	Status: In delivery state Comments: Not relevant
Melting point / melting range	Comments: No information available
Boiling point / boiling range	Comments: Not relevant
Flash point	Value: ~ 280 °C
Evaporation rate	Comments: Not relevant
Explosion limit	Comments: Not relevant
Vapour pressure	Comments: Not relevant
Vapour density	Comments: Not relevant
Specific gravity	Value: 890 kg/m ³
Solubility in water	Insoluble.
Solubility	Comments: Soluble in organic solvents.
Partition coefficient: n-octanol/ water	Comments: No information available
Spontaneous combustability	Comments: Not relevant
Decomposition temperature	Comments: No information available
Viscosity	Comments: No information available
Oxidising properties	None

9.2. Other information

Other physical and chemical properties

Comments	No further information
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	None
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10.2. Chemical stability

Stability	Stable during normal conditions.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None known.
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10.4. Conditions to avoid

Conditions to avoid	Extremely high temperature.
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10.5. Incompatible materials

Materials to avoid No specific recommendations.

10.6. Hazardous decomposition products

Hazardous decomposition products In case of fire, section 5.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity Type of toxicity: Acute
Effect tested: LD50
Route of exposure: Oral
Value: > 5000 mg/kg

Other information regarding health hazards

Assessment of acute toxicity, classification	Based on available data the classification criteria are not met
Assessment of skin corrosion / irritation, classification	Based on available data the classification criteria are not met
Assessment of eye damage or irritation, classification	Based on available data the classification criteria are not met
Sensitisation	Based on available data the classification criteria are not met
Assessment of germ cell mutagenicity, classification	Based on available data the classification criteria are not met
Carcinogenicity, other information	Based on available data the classification criteria are not met
Assessment of reproductive toxicity, classification	Based on available data the classification criteria are not met
Assessment of specific target organ SE, classification	Based on available data the classification criteria are not met
Assessment of specific target organ toxicity RE, classification	Based on available data the classification criteria are not met
Assessment of aspiration hazard, classification	Based on available data the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity No ecotoxicological studies have been made on the product.

12.2. Persistence and degradability

Persistence and degradability, comments Expected to be biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No expected bioaccumulation.

12.4. Mobility in soil

Mobility

Expected to float above the water surface.. Insoluble in water.

12.5. Results of PBT and vPvB assessment

PBT assessment results

Not classified as PBT / vPvB according to current legislation.

12.6. Other adverse effects

Environmental details, summation

Avoid discharge into drains and water ways. The product is not toxic to aquatic organisms but a major release can cause physical fouling and cause breathing difficulties for aquatic organisms, birds and mammals.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal

It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations.

Other information

Packaging materials should, if possible, after cleaning be collected for recycling/reuse

SECTION 14: Transport information

Dangerous goods

No

14.1. UN number

Comments

Not relevant

14.2. UN proper shipping name

Comments

Not relevant

14.3. Transport hazard class(es)

Comments

Not relevant

14.4. Packing group

Comments

Not relevant

14.5. Environmental hazards

ADR / RID / ADN

No

IMDG

No

14.6. Special precautions for user

Special safety precautions for user

Not relevant

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

Additional information

Additional information Product is not covered by international transport regulation of dangerous goods (IMDG, IATA, ADR/RID).

SECTION 15: Regulatory information

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

Legislation and regulations This Safety Data Sheet conforms to Regulation (EC) n° 1907/2006 (REACH).

15.2. Chemical safety assessment

Chemical safety assessment performed No

SECTION 16: Other information

Supplier's notes The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

List of relevant H-phrases (Section 2 and 3)

Key literature references and sources for data Previous version of the product MSDS and other information provided by the distributor.

Information added, deleted or revised Changes to section: 2,11,14

Version 4

Prepared by Emcon Miljökonsult AB www.emcon.se in collaboration with MCT Brattberg.