

SAFETY DATA SHEET



Multi Lube Eco

The safety data sheet is in accordance with Commission Regulation (EU) 2020/878 of 18 June 2020 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	13.09.2021
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1.1. Product identifier

Product name	Multi Lube Eco
Article no.	20103

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

Product group	PROFESSIONAL LUBRICANT SYSTEM
Use of the substance / preparation	Universal lubricant.
Industrial use	Yes
Professional use	Yes

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

Company name	VEIDEC AB
Postal address	Videvägen 9
Postcode	247 64
City	Veberöd
Country	SVERIGE
Telephone number	+46 46 23 89 00
Fax	+46 46 23 89 09
Email	nina.mandahl@veidec.se
Website	http://www.veidec.com

1.4. Emergency telephone number

Emergency telephone	Telephone number: 112 Description: Poison center
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Aerosol 1; H222 Aerosol 1; H229
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2.2. Label elements

Hazard pictograms (CLP)



Signal word	Danger
Hazard statements	H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated.
Precautionary statements	P251 Do not pierce or burn, even after use. P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122°F. P211 Do not spray on an open flame or other ignition source. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P102 Keep out of reach of children.

2.3. Other hazards

Other hazards	No other information noted.
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SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents	Notes
Butane	CAS No.: 106-97-8 EC No.: 203-448-7 Index No.: 601-004-00-0 REACH Reg. No.: 01-2119474691-32	Flam. Gas 1; H220; Press. Gas (Comp.); CLP classification, notes: C; U	5 - 15 %	
Propane	CAS No.: 74-98-6 EC No.: 200-827-9 Index No.: 601-003-00-5 REACH Reg. No.: 01-2119486944-21	Flam. Gas 1; H220; Press. Gas (Comp.); CLP classification, notes: U	5 - 10 %	
Remarks, substance	The full text for all hazard statements is displayed in section 16.			

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Get medical attention if any discomfort continues.
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Inhalation	Fresh air.
Skin contact	Rinse with water.
Eye contact	Rinse cautiously with water for several minutes.
Ingestion	Due to the small packaging the risk of ingestion is minimal.

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

General symptoms and effects	None known.
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4.3. Indication of any immediate medical attention and special treatment needed

Separate first aid equipment	No recommendation given.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Water spray, foam, dry powder or carbon dioxide.
Improper extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Aerosol containers can explode when heated, due to excessive pressure build-up.
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5.3. Advice for firefighters

Fire fighting procedures	Follow the general fire precautions indicated by the workplace.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	Provide adequate ventilation.
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6.2. Environmental precautions

Environmental precautionary measures	Not relevant because of the packaging.
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6.3. Methods and material for containment and cleaning up

Containment	Take mixture to a safe open place for atmospheric evaporation.
Clean up	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

6.4. Reference to other sections

Additional information	For personal protection, see section 8. For waste disposal, see section 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Avoid excessive heat.
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Protective safety measures

Safety measures to prevent fire	Keep away from heat / sparks / open flames / hot surfaces. – No smoking.
Advice on general occupational hygiene	Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Keep in original container. Store above freezing.
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Conditions for safe storage

Advice on storage compatability	Keep flammable liquids away from flammable gas and highly flammable goods.
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7.3. Specific end use(s)

Specific use(s)	No recommendation given.
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SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Exposure limits	TWA Year
Butane	CAS No.: 106-97-8	Limit value (8 h) : 600 ppm Limit value (8 h) : 1450 mg/m ³ Limit value (short term) Value: 750 ppm Limit value (short term) Value: 1810 mg/m ³ Exposure limit letter Letter code: Carc	

8.2. Exposure controls

Precautionary measures to prevent exposure

Appropriate engineering controls	No special precautions.
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Eye / face protection

Suitable eye protection	Under normal conditions of use eye protection is not required.
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Hand protection

Skin- / hand protection, short term contact	Under normal conditions of use gloves are not normally required.
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Suitable materials	Nitrile.
Breakthrough time	Value: > 480 minute(s)
Thickness of glove material	Value: 0,35 mm

Skin protection

Suitable protective clothing	Not relevant.
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Respiratory protection

Recommended type of equipment	Under normal conditions of use respiration protection should not be required.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Aerosol.
Colour	Beige.
Odour	Characteristic.
pH	Comments: Not relevant.
Freezing point	Reason for waiving data: No data.
Boiling point / boiling range	Reason for waiving data: No data.
Flash point	Reason for waiving data: Not applicable
Explosion limit	Value: 1,8 -9 % Comments: Butane
Vapour pressure	Value: 354 711 Pa Temperature: 20 °C
Density	Value: 0,85 g/l
Solubility	Comments: Not soluble in water.
Auto-ignition temperature	Value: 365 °C
Viscosity	Value: 25 mPa.s Temperature: 20 °C

9.2. Other information

Physical hazards

Content of VOC	Value: 20 %
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No specific conditions are likely to result in a hazardous situation.
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10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No data recorded.
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10.4. Conditions to avoid

Conditions to avoid	Avoid exposing aerosol containers to high temperatures or direct sunlight.
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10.5. Incompatible materials

Materials to avoid	Avoid contact with oxidising agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	None under normal conditions.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

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.
Assessment of respiratory sensitisation, classification	Based on available data, the classification criteria are not met.
Assessment of skin sensitisation, classification	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.
Assessment of carcinogenicity, classification	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 toxicity - single exposure, classification	Based on available data, the classification criteria are not met.
Assessment of specific target organ toxicity - repeated exposure, 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.

11.2 Other information

Endocrine disruption	None known.
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SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	There are no data on the ecotoxicity of this product.
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12.2. Persistence and degradability

Persistence and degradability description/evaluation	The product is expected to be biodegradable.
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12.3. Bioaccumulative potential

Bioaccumulation, comments	No data available on bioaccumulation.
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12.4. Mobility in soil

Mobility	No data recorded.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This product does not contain any PBT or vPvB substances.
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12.6. Endocrine disrupting properties

Endocrine disrupting properties	None known.
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12.7. Other adverse effects

Additional ecological information	No recommendation given.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

EWL packing	EWC waste code: 150110 packaging containing residues of or contaminated by dangerous substances Classified as hazardous waste: Yes
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SECTION 14: Transport information

14.1. UN number

ADR/RID/ADN	1950
IMDG	1950
ICAO/IATA	1950

14.2. UN proper shipping name

ADR/RID/ADN	AEROSOLS
IMDG	AEROSOLS
ICAO/IATA	AEROSOLS, FLAMMABLE

14.3. Transport hazard class(es)

ADR/RID/ADN	2.1
IMDG	2.1
ICAO/IATA	2.1

14.4. Packing group

Comments	Not relevant.
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14.5. Environmental hazards

Comments	Not relevant.
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14.6. Special precautions for user

Special safety precautions for user	Not relevant.
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14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk (yes/no)	No
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IMDG Other information

EmS	F-D, S-U
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SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture**

Legislation and regulations	<p>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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.</p> <p>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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.</p>
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15.2. Chemical safety assessment

Chemical safety assessment	Not relevant.
Exposure scenario comments	Not relevant.

SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	<p>H220 Extremely flammable gas.</p> <p>H222 Extremely flammable aerosol.</p>
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	H229 Pressurised container: May burst if heated.
CLP classification, comments	H222 H229 Calculation method.
Version	1