

## SAFETY DATA SHEET



## Power Lube Plus aerosol

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	16.12.2021
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**1.1. Product identifier**

Product name	Power Lube Plus aerosol
Article no.	20418

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

Product group	PROFESSIONAL CLEANING SYSTEM
Use of the substance / preparation	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	<a href="mailto:nina.mandahl@veidec.se">nina.mandahl@veidec.se</a>
Website	<a href="http://www.veidec.com">http://www.veidec.com</a>
Contact person	Nina Mandahl

**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	20 - 35 %	
Dimethoxymethane	CAS No.: 109-87-5 EC No.: 203-714-2 REACH Reg. No.: 01-2119664781-31	Flam. Liq. 2; H225	20 - 35 %	
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	10 - 20 %	
Isobutane	CAS No.: 75-28-5 EC No.: 200-857-2 Index No.: 601-004-00-0 REACH Reg. No.:	Flam. Gas 1; H220; Press. Gas (Comp.); CLP classification, notes: C; U	10 - 20 %	

	01-2119485395-27			
Copper powder	CAS No.: 7440-50-8	Aquatic Acute 1; H400;	< 0,1 %	2
	EC No.: 231-159-6	M-factor 10		
	REACH Reg. No.:	Aquatic Chronic 1; H411		
	01-2119480154-42			

<sup>2</sup>Substance with a workplace exposure limit

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.
Inhalation	Fresh air.
Skin contact	Wash skin with soap and water.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	Drink plenty of water. Contact physician if larger quantity has been consumed.

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

General symptoms and effects      In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.

### 4.3. Indication of any immediate medical attention and special treatment needed

Separate first aid equipment      No recommendation given.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media      Water spray, foam, dry powder or carbon dioxide.

### 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.

### 5.3. Advice for firefighters

Fire fighting procedures      Follow the general fire precautions indicated by the workplace.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures      Provide adequate ventilation.

### 6.2. Environmental precautions

Environmental precautionary measures	Avoid discharge into water courses or onto the ground.
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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.
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### Conditions for safe storage

Technical measures and storage conditions	No special precautions.
Advice on storage compatibility	Keep flammable liquids away from flammable gas and highly flammable goods.

### 7.3. Specific end use(s)

Specific use(s)	Not relevant.
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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 <sup>3</sup> <b>Limit value (short term)</b> Value: 750 ppm <b>Limit value (short term)</b> Value: 1810 mg/m <sup>3</sup> <b>Exposure limit letter</b>	

Letter code: Carc

Control parameters comments	Not relevant.
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**DNEL / PNEC**

Substance	Dimethoxymethane
DNEL	<p><b>Group:</b> Professional  <b>Route of exposure:</b> Long-term inhalation (systemic)  <b>Value:</b> 126,6 mg/m<sup>3</sup>  <b>Assessment factor:</b> 25</p> <p><b>Group:</b> Consumer  <b>Route of exposure:</b> Long-term inhalation (systemic)  <b>Value:</b> 31,5 mg/m<sup>3</sup>  <b>Assessment factor:</b> 50</p>
Substance	Copper powder
DNEL	<p><b>Group:</b> Professional  <b>Route of exposure:</b> Acute dermal (systemic)  <b>Value:</b> 273 mg/kg bw/day</p> <p><b>Group:</b> Professional  <b>Route of exposure:</b> Acute inhalation (systemic)  <b>Value:</b> 20 mg/m<sup>3</sup></p> <p><b>Group:</b> Professional  <b>Route of exposure:</b> Long-term dermal (systemic)  <b>Value:</b> 137 mg/kg bw/day</p> <p><b>Group:</b> Consumer  <b>Route of exposure:</b> Acute dermal (systemic)  <b>Value:</b> 273 mg/kg bw/day</p> <p><b>Group:</b> Consumer  <b>Route of exposure:</b> Acute inhalation (systemic)  <b>Value:</b> 20 mg/m<sup>3</sup></p>
PNEC	<p><b>Route of exposure:</b> Freshwater  <b>Value:</b> 7,8 µg/l  <b>Assessment factor:</b> 1</p> <p><b>Route of exposure:</b> Saltwater  <b>Value:</b> 5,2 µg/l  <b>Assessment factor:</b> 1</p> <p><b>Route of exposure:</b> Sewage treatment plant STP  <b>Value:</b> 230 µg/l  <b>Assessment factor:</b> 1</p>

**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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**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	Grey.
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
Flammability	This product is not flammable.
Explosion limit	Reason for waiving data: No data.
Vapour pressure	Reason for waiving data: No data.
Density	Value: 1,02 -1,12 g/cm <sup>3</sup>
Solubility	Comments: Not soluble in water.
Auto-ignition temperature	Reason for waiving data: Not applicable
Viscosity	Reason for waiving data: Not applicable

**9.2. Other information****Physical hazards**

Content of VOC	Value: 58,4 %
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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	No recommendation given.
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## 10.5. Incompatible materials

Materials to avoid	None in particular.
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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 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.
Skin contact	May be degreasing after frequent contact.
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	There are no data on the degradability of this product.
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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

EWC waste code	EWC waste code: 130205 mineral-based non-chlorinated engine, gear and lubricating oils Classified as hazardous waste: Yes
EWL packing	EWC waste code: 150110 packaging containing residues of or contaminated by dangerous substances Classified as hazardous waste: Yes

## SECTION 14: Transport information

### 14.1. UN number

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



## 14.2. UN proper shipping name

Proper shipping name English ADR/RID/ADN	AEROSOLS
ADR/RID/ADN	AEROSOLS
IMDG	AEROSOLS
ICAO/IATA	AEROSOLS, FLAMMABLE

## 14.3. Transport hazard class(es)

ADR/RID/ADN	2.1
Classification code ADR/RID/ADN	5F

## 14.4. Packing group

Comments	Not relevant.
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## 14.5. Environmental hazards

ADR/RID/ADN	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

Product name	AEROSOLS, FLAMMABLE
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## Additional information

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

## ADR/RID Other information

Tunnel restriction code	D
Transport category	2

## 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	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and
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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.

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.

453/2010/EU amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, authorisation and Restriction of Chemicals (REACH)

## 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)	H220 Extremely flammable gas. H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapour. H229 Pressurised container: May burst if heated. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.
CLP classification, comments	H222 H229 Calculation method.
Additional information	Power Lube Plus is registered at NSF. Category code: NSF registration no. H2 For further information please turn to "www.nsf.org". H2: This product is approved for use as a lubricant where there is no risk of contact with food in and around food processing areas.
Version	1
Prepared by	Nina Mandahl