

Trade name: V-LUBE Valve Saver (Ventilschutzadditiv für LPG/CNG betriebene Fahrzeuge)

Product no.: 1206

Current version: 1.1.0, issued: 14.08.2019 Region: GB Replaced version: 1.0.0, issued: 07.08.2019

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

Product identifier

Trade name

V-LUBE Valve Saver (Ventilschutzadditiv für LPG/CNG betriebene Fahrzeuge)

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

Relevant identified uses of the substance or mixture

Additive for mineral oil products

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

V-LUBE GmbH Roggenhorster Str. 9b Lübeck 23556

Telephone no. +49451-8838800

Advice on Safety Data Sheet

sdb_info@umco.de

Emergency telephone number

For medical advice (in German and English): +49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Eye Dam. 1; H318

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms



Signal word

Hazardous component(s) to be indicated on label:

potassium 1,2-bis(2-ethylhexyloxycarbonyl)ethanesulfonate

Hazard statement(s)

H318

Causes serious eye damage.



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Precautionary statement(s)

P280 Wear protective gloves/eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

Immediately call a POISON CENTER/doctor.

2.3 Other hazards

P310

PBT assessment No data available. vPvB assessment No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Hazardous ingredients

No	Substance name		Additional information			
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Conce	entration		%
1	Hydrocarbons, C11	-C14, n-alkanes, isoalkanes, cyclics, aromatics				
	(2-25%)					
	-	EUH066	>=	10.00 - <	25.00	%-b.w.
	925-653-7	Asp. Tox. 1; H304				
	-	Aquatic Chronic 3; H412				
	01-2119458869-15					
2	Hydrocarbons, C14	I-C18, n-alkanes, isoalkanes, cyclics, aromatics				
	(2-30 %)					
	-	Asp. Tox. 1; H304	>=	10.00 - <	25.00	%-b.w.
	920-360-0	EUH066				
	-					
	01-2119448343-41					
3	potassium 1,2-bis(2	2-ethylhexyloxycarbonyl)ethanesulfonate				
	7491-09-0	Eye Dam. 1; H318	>=	5.00 - <	10.00	%-b.w.
	231-308-5	Skin Irrit. 2; H315				
	-					
	-					
4	Distillates (petroleu	ım), hydrotreated light				
	64742-47-8	Asp. Tox. 1; H304	<	5.00		%-b.w.
	265-149-8	EUH066				
	649-422-00-2					
	01-2119484819-18	and FIIII abracas also asserting 40				

Full Text for all H-phrases and EUH-phrases: pls. see section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

After inhalation

Ensure supply of fresh air.

After skin contact

When in contact with the skin, clean with soap and water.

After eye contact



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Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes).

After ingestion

Rinse mouth thoroughly with water. Call a doctor immediately. Never give anything by mouth to an unconscious person. If individual is drowsy or unconscious, place in recovery position (on left side, with head down).

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray jet; Foam; Extinguishing powder; Carbon dioxide

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO2); Carbon monoxide (CO)

5.3 Advice for firefighters

Wear protective clothing. Use self-contained breathing apparatus. Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). When picked up, treat material as prescribed under heading "Disposal considerations".

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Provide good ventilation at the work area (local exhaust ventilation, if necessary). Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far it is possible by the state of the art.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Wash hands before breaks and after work. Provide eye wash fountain in work area.

Advice on protection against fire and explosion

Keep away from sources of heat and ignition.



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7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep container tightly closed in a cool, well-ventilated place.

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original one.

Incompatible products

Do not store together with: oxidizing agents

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No parameters available for monitoring.

8.2 Exposure controls

Appropriate engineering controls

No data available.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Eye / face protection

Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific workstation suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Other

Normal chemical work clothing.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour			
liquid			
Odour			
No data available			
Odour threshold			
No data available			
pH value			
No data available			
Boiling point / boiling range			
Value	>	160 °C	



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·	•	•		
Melting point / melting range No data available				
Decomposition point / decomposition ra No data available	ange			
Flash point Value	>	61	°C	
Auto-ignition temperature No data available				
Oxidising properties No data available				
Explosive properties No data available				
Flammability (solid, gas) No data available				
Lower flammability or explosive limits No data available				
Upper flammability or explosive limits No data available				
Vapour pressure No data available				
Vapour density No data available				
Evaporation rate No data available				
Relative density No data available				
Density No data available				
Solubility in water No data available				
Solubility(ies) No data available				
Partition coefficient: n-octanol/water No data available				
Viscosity Value	>	20.5	mm²/s	

9.2 Other information

Reference temperature

Other information	
No data available.	

kinematic

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SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability



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Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

None, if handled according to intended use.

10.5 Incompatible materials

Oxidizing agents

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acu	Acute oral toxicity					
No	Substance name		CAS no.		EC no.	
1	Hydrocarbons, C14-C18, n-alkanes, isoa cyclics, aromatics (2-30 %)	lkanes,	-		920-360-0	
LD5	0	>		4150	mg/kg bodyweight	
Spe	cies	rat				
Meth	nod	OECD 423				
Sou	rce	ECHA				
2	Distillates (petroleum), hydrotreated ligh	t	64742-47-8		265-149-8	
LD5	0	>		5000	mg/kg bodyweight	
Spe	cies	rat				
Meth	nod	OECD 420				
Sou	rce	ECHA				

Acute dermal toxicity						
No	Substance name		CAS no.		EC no.	
1	Hydrocarbons, C14-C18, n-alkanes, isoa cyclics, aromatics (2-30 %)	lkanes,	-		920-360-0	
LD5	0	>		2000	mg/kg bodyweight	
Spe	cies	rabbit				
Metl	nod	OECD 402				
Sou	rce	ECHA				
2	Distillates (petroleum), hydrotreated ligh	t	64742-47-8		265-149-8	
LD5	0	>		2000	mg/kg bodyweight	
Spe	cies	rabbit				
Met	nod	OECD 402				
Sou	rce	ECHA				

Acu	Acute inhalational toxicity					
No	Substance name		CAS no.		EC no.	
1	Hydrocarbons, C14-C18, n-alkanes, isoa	kanes,	-		920-360-0	
	cyclics, aromatics (2-30 %)					
LC5	0	>		5.28	mg/l	
Dura	ation of exposure			4	h	
State	e of aggregation	mist				
Spe	cies	rat				
Meth	nod	OECD 403				
Sou	ce	ECHA				
Eval	uation/classification	Based on av	ailable data, the	classification	n criteria are not met.	
2	Distillates (petroleum), hydrotreated ligh	t	64742-47-8		265-149-8	
LC5	0	>		5.28	mg/l	
Dura	ation of exposure			4	h	
State	e of aggregation	Vapour				
Spe	cies	rat				



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Method	OECD 403
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Skir	Skin corrosion/irritation						
No	Substance name		CAS no.		EC no.		
1	Hydrocarbons, C14-C18, n-alkanes, isoal cyclics, aromatics (2-30 %)	lkanes,	-		920-360-0		
Spe	cies	rabbit					
Meth	nod	OECD 404					
Sou	Source						
Eval	uation	non-irritant					
2	Distillates (petroleum), hydrotreated ligh	t	64742-47-8		265-149-8		
Dura	ation of exposure			4	h		
Spe	cies	rabbit					
Meth	nod	OECD 404					
Sou	rce	ECHA					
Eval	uation	non-irritant					

Seri	Serious eye damage/irritation							
No	Substance name		CAS no.		EC no.			
1	Hydrocarbons, C14-C18, n-alkanes, isoa cyclics, aromatics (2-30 %)	lkanes,	-		920-360-0			
Spe	cies	rabbit						
Meth	nod	OECD 405						
Sou	rce	ECHA						
Eval	uation	non-irritant						
2	Distillates (petroleum), hydrotreated ligh	t	64742-47-8		265-149-8			
Dura	ation of exposure			1	S			
Spe	cies	rabbit						
Meth	nod	EPA						
Sou	rce	ECHA						
Eval	uation	non-irritant						

Res	Respiratory or skin sensitisation						
No	Substance name		CAS no.		EC no.		
1	Hydrocarbons, C14-C18, n-alkanes, isoal	lkanes,	-		920-360-0		
	cyclics, aromatics (2-30 %)	·					
Rou	te of exposure	Skin					
	Species						
Eval	uation	non-sensitizir	ng				
2	Distillates (petroleum), hydrotreated ligh	t	64742-47-8		265-149-8		
Rou	te of exposure	Skin					
Dura	ation of exposure			6	h		
Spe	cies	guinea pig					
Meth	nod	OECD 406					
Sou	rce	ECHA					
Eval	uation	non-sensitizir	na				

Germ c	Germ cell mutagenicity						
No Su	ubstance name	CAS no.	EC no.				
	ydrocarbons, C14-C18, n-alkanes, isoal	kanes, -	920-360-0				
Су	yclics, aromatics (2-30 %)						
Type of	Type of examination Chromosome aberration test						
Species Human Lymphocyte		Human Lymphocyte					
Method	Method OECD 473						
Source		ECHA					
Evaluati	tion/classification	Based on available data, the classification criteria are not met.					
Type of examination		Bacterial Reverse Mutation Test					
Species		Salmonella typhimurium					
Method OECD 471							



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Sour	ce	ECHA
Eval	uation/classification	Based on available data, the classification criteria are not met.
2	Distillates (petroleum), hydrotreated ligh	t 64742-47-8 265-149-8
Туре	of examination	Chromosome aberration test
Spec	cies	rat
Meth	od	OECD 475
Sour	ce	ECHA
Eval	uation/classification	Based on available data, the classification criteria are not met.

Rep	Reproduction toxicity					
No	Substance name		CAS no.		EC no.	
1	Distillates (petroleum), hydrotreated ligh	t	64742-47-8		265-149-8	
Rou	te of exposure	dermal				
NOA	\EL	>=		494	mg/kg bw/d	
Dura	ation of exposure			14	day(s)	
Spe	cies	rat				
Meth	nod	OECD 421				
Sou	rce	ECHA				

Card	Carcinogenicity				
No	Substance name		CAS no.	EC no.	
1	Distillates (petroleum), hydrotreated ligh	t	64742-47-8	265-149-8	
Rout	te of exposure	dermal			
Dura	ation of exposure		24	months	
Туре	e of examination	Ames-Test			
Spec	cies	mouse			
Meth	nod	OECD 421			
Sour	rce	ECHA			
Eval	uation/classification	Based on ava	ilable data, the classificat	ion criteria are not met.	

STOT - single exposure No data available

STO	STOT - repeated exposure				
No	Substance name		CAS no.		EC no.
1	Hydrocarbons, C14-C18, n-alkanes, isoal	kanes,	-		920-360-0
	cyclics, aromatics (2-30 %)				
Rou	te of exposure	oral			
Spec	cies	rat			
Meth		OECD 407			
Soul		ECHA			
	uation/classification		ilable data, the c	lassification	criteria are not met.
Rou	te of exposure	inhalational			
Spe		rat			
Meth	nod	OECD 413			
Soul		ECHA			
Eval	uation/classification		·	lassification	criteria are not met.
2	Distillates (petroleum), hydrotreated light	t	64742-47-8		265-149-8
	te of exposure	oral			
NOA				750	mg/kg bw/d
Spec		rat			
Soul		ECHA			
	uation/classification		ilable data, the c	lassification	criteria are not met.
	te of exposure	inhalational			
NOA	·=-	>=		1000	mg/m³
	ation of exposure			90	day(s)
Spec		mouse			
Meth		OECD 413			
Soul		ECHA			
	uation/classification		ilable data, the c	lassification	criteria are not met.
Rou	te of exposure	dermal			



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NOAEL Duration of exposure	>=	0.5 4	week/s
Species	rat		
Method	OECD 410		
Source	ECHA		
Evaluation/classification	Based on available data, the	classification criteria	a are not met.

Aspiration hazard

No data available

SECTION 12: Ecological information

12.1 Toxicity

Tox	Toxicity to fish (acute)					
No	Substance name	CAS no.		EC no.		
1	Distillates (petroleum), hydrotreated ligh	t 64742-47-8		265-149-8		
LL50)		25	mg/l		
Dura	ation of exposure		96	h		
Spe	cies	Oncorhynchus mykiss				
Meth	nod	OECD 203				
Sou	rce	ECHA				

Toxicity to fish (chronic)

No data available

Tox	Toxicity to Daphnia (acute)				
No	Substance name	CAS no.		EC no.	
1	Distillates (petroleum), hydrotreated ligh	t 64742-47-8		265-149-8	
EL5	0		1.4	mg/l	
Dura	ation of exposure		48	h	
Spe	cies	Daphnia magna			
Meth	nod	OECD 202			
Sou	rce	ECHA			

Toxi	Toxicity to Daphnia (chronic)				
No	Substance name	CAS no.		EC no.	
1	Distillates (petroleum), hydrotreated ligh	t 64742-47-8		265-149-8	
NOE	EC		0.48	mg/l	
Dura	ation of exposure		21	day(s)	
Spec	cies	Daphnia magna			
Meth	nod	OECD 211			
Soul	rce	ECHA			

Tox	Toxicity to algae (acute)					
No	Substance name		CAS no.		EC no.	
1	Distillates (petroleum), hydrotreated ligh	t	64742-47-8		265-149-8	
EL5	0			13	mg/l	
Dura	ation of exposure			72	h ¯	
Spe	cies	Algae				
Meth	nod	OECD 201				
Sou	rce	ECHA				

Toxicity to algae (chronic)	
No data available	

Bacteria toxicity	
Duotoria toxioity	
No data available	

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential



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No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment			
PBT assessment	No data available.		
vPvB assessment	No data available.		

12.6 Other adverse effects

No data available.

12.7 Other information

Other	information

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not relevant

SECTION 15: Regulatory information

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

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.



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REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annexe No XVII.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

EUH066 Repeated exposure may cause skin dryness or cracking.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H412 Harmful to aquatic life with long lasting effects.

Department issuing safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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