

**LPG Valve Lube**

Revision date: 18.08.2021

Product code: 1420

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

LPG Valve Lube

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

Anti wear agent

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

Company name:	CTP GmbH	
Street:	Saalfelder Strasse 35h	
Place:	D-07338 Leutenberg	
Telephone:	+49 (0)36734 230-0	Telefax: +49 (0)36734 230-22
e-mail:	msds@bluechemgroup.com	
Contact person:	Jens Moeller, Dipl.-Chem.	Telephone: +49 (0)36734 230-19
Internet:	www.bluechemgroup.com	

**1.4. Emergency telephone number:** GBK GmbH: +49-(0)6132-84463 (24/7)**Further Information**

Article Number: 33360, 33361, 33362, 33363, 33364, 33365, 33366, 33367

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

Hazard categories:

Aspiration hazard: Asp. Tox. 1

Hazard Statements:

May be fatal if swallowed and enters airways.

**2.2. Label elements****GB CLP Regulation****Hazard components for labelling**

Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, &lt; 2% Aromatics

**Signal word:** Danger**Pictograms:****Hazard statements**

H304 May be fatal if swallowed and enters airways.

**Precautionary statements**

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P260	Do not breathe mist/vapours/spray.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331	Do NOT induce vomiting.
P405	Store locked up.
P501	Dispose of this material and its container to hazardous or special waste collection point.

**Special labelling of certain mixtures**

EUH066 Repeated exposure may cause skin dryness or cracking.

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### Labelling of packages where the contents do not exceed 125 ml

Signal word:

Danger

Pictograms:



### Hazard statements

H304

### Precautionary statements

P101-P102-P301+P310-P331-P405-P501

### 2.3. Other hazards

No information available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Petroleum (Gasoline)

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
	Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics			90 - < 95 %
	918-481-9		01-2119457273-39	
	Asp. Tox. 1; H304 EUH066			

Full text of H and EUH statements: see section 16.

#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
	918-481-9	Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics	90 - < 95 %
		inhalation: LC50 = >5 ppm (gases); dermal: LD50 = > 5000 mg/kg; oral: LD50 = > 5000 mg/kg	

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Move victim to fresh air. Put victim at rest and keep warm.

#### After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

In case of difficulties of breathing consult physician.

If victim is at risk of losing consciousness, position and transport on their side.

#### After contact with skin

Take off immediately all contaminated clothing, including underwear and shoes .

After contact with skin, wash immediately with plenty of water and soap.

Rub greasy ointment into the skin.

#### After contact with eyes

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.

Consult physician.



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#### After ingestion

Let water be drunken in little sips (dilution effect). Consult physician.

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

Frequently or prolonged contact with skin may cause dermal irritation.

Irritation of eyes: Irritant effect possible.

After ingestion: Harmful: may cause lung damage if swallowed.

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

Warning about danger of aspiration.

### SECTION 5: Firefighting measures

#### **5.1. Extinguishing media**

##### Suitable extinguishing media

Extinguishing powder.

Sand.

alcohol resistant foam.

Carbon dioxide (CO<sub>2</sub>).

##### Unsuitable extinguishing media

High power water jet.

#### **5.2. Special hazards arising from the substance or mixture**

Formation of decomposition products possible.

In case of fire and/or explosion do not breathe fumes.

#### **5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

#### **Additional information**

Cool endangered container in case of fire.

Contaminated fire-fighting water must be collected separately.

### SECTION 6: Accidental release measures

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

In case of fire: Wear self-contained breathing apparatus.

Keep away from sources of ignition - No smoking.

#### **6.2. Environmental precautions**

Beat down gas/vapours/mist with water spray.

Do not allow to enter into surface water or drains.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

#### **6.3. Methods and material for containment and cleaning up**

Prevent spreading of spillages (e.g. by oil barrier).

Wipe up with absorbent material (eg. cloth, fleece).

#### **6.4. Reference to other sections**

No data

### SECTION 7: Handling and storage

#### **7.1. Precautions for safe handling**

##### Advice on safe handling

Closed devices. Vapours / aerosols must be extracted by suction immediately at point of origin.

Avoid contact with skin and eyes.

##### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

Take precautionary measures against static discharges.

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### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

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

#### Further information on storage conditions

Packaging materials: metal.

### 7.3. Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

#### Protective and hygiene measures

When using do not eat, drink or smoke.

Wash hands before breaks and after work.

#### Eye/face protection

Wear tightly sealed safety glasses against possible splashes into the eyes. (DIN EN 166)

#### Hand protection

Tested protective gloves are to be worn: Butyl rubber. (EN ISO 374)

#### Skin protection

Wear suitable solvent-proof protective clothing according to EN 465.

#### Respiratory protection

In case of accumulation of fumes/aerosols, provide adequate ventilation.

In case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	transparent
Odour:	characteristic

#### Changes in the physical state

Boiling point or initial boiling point and boiling range: 180 - 210 °C

Flash point: > 61 °C

Density (at 20 °C): 0.790 - 0.83 g/cm³

Water solubility: (at 20 °C) insoluble

#### Solubility in other solvents

Organic solvents

Viscosity / kinematic: (at 20 °C) 1,91 mm²/s

### 9.2. Other information

No data

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

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### 10.2. Chemical stability

No decomposition when used as intended.

### 10.3. Possibility of hazardous reactions

No dangerous reactions are known.

### 10.4. Conditions to avoid

Only use the material in places where open light, fire and other flammable sources can be kept away.

### 10.5. Incompatible materials

Oxidizing agents, acid, concentrated. Alkalis (alkalis), concentrated.

### 10.6. Hazardous decomposition products

Carbon monoxide (CO).

Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics				
	oral	LD50 > 5000 mg/kg	Rat		
	dermal	LD50 > 5000 mg/kg	Rabbit		
	inhalation (4 h) gas	LC50 >5 ppm	Rat		

#### Irritation and corrosivity

Based on available data, the classification criteria are not met.

#### Sensitising effects

Based on available data, the classification criteria are not met.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Repeated exposure may cause skin dryness or cracking.

#### Aspiration hazard

May be fatal if swallowed and enters airways.

#### Practical experience

#### Other observations

No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity



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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
	Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics					
	Acute fish toxicity	LC50 mg/l	1000	96 h	Oncorhynchus mykiss	
	Acute algae toxicity	ErC50 mg/l	1000	72 h	Pseudokirchneriella subcapitata	
	Acute crustacea toxicity	EC50 mg/l	1000	48 h	Daphnia magna (Big water flea)	

#### 12.2. Persistence and degradability

No information available.

#### 12.3. Bioaccumulative potential

Swims on the water. Low potential of bio-accumulation.

#### 12.4. Mobility in soil

No information available.

#### 12.5. Results of PBT and vPvB assessment

No information available.

#### 12.6. Other adverse effects

No information available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Disposal recommendations

Do not dispose with household waste.

Do not allow to enter into surface water or drains.

Have to add a Special treatment in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

Arrange about the exact waste code with the local waste disposal expert.

##### Contaminated packaging

Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.

Do not pierce, cut up or weld unclean container. (Explosion hazard.)

### SECTION 14: Transport information

#### Land transport (ADR/RID)

**14.1. UN number:** -

**14.2. UN proper shipping name:** -

**14.3. Transport hazard class(es):** -

**14.4. Packing group:** -

##### Other applicable information (land transport)

No dangerous good in sense of these transport regulations.

#### Inland waterways transport (ADN)

##### Other applicable information (inland waterways transport)

No dangerous good in sense of these transport regulations.

#### Marine transport (IMDG)

##### Other applicable information (marine transport)

No dangerous good in sense of these transport regulations.

#### Air transport (ICAO-TI/IATA-DGR)



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#### Other applicable information (air transport)

No dangerous good in sense of these transport regulations.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### 14.6. Special precautions for user

No information available.

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

No information available.

### SECTION 15: Regulatory information

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

##### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 28

##### Additional information

Contains:

> 30 % hydrocarbons, aliphatic.

##### National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

#### 15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

Hydrocarbons, C10-C13, n-Alkanes, Isoalkanes, Cyclics, < 2% Aromatics

### SECTION 16: Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 2,3,11,12,15.

#### Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Asp. Tox. 1; H304	Calculation method

#### Relevant H and EUH statements (number and full text)

H304 May be fatal if swallowed and enters airways.

EUH066 Repeated exposure may cause skin dryness or cracking.

#### Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*