



**Valve Lube**

Print date: 13.09.2011

Product code: 674

Page 1 of 6

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

**Product identifier**

Valve Lube

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

**Use of the substance/mixture**

Anti wear agent

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

Company name:	CTP-GmbH	
Street:	Saalfelder Straße 35	
Place:	D-07338 Leutenberg	
Telephone:	+4936734/230-0	Telefax: +4936734/230-22
e-mail:	hotline@ctp-gmbh.de	
Contact person:	Jens Moeller, Dipl.-Chem.	Telephone: +4936734/230-19
Internet:	www.ctp-gmbh.de	

**Further Information**

Article Number: 33366

**SECTION 2: Hazards identification**

**Classification of the substance or mixture**

Indications of danger : Harmful  
R-phrases:  
Harmful: may cause lung damage if swallowed.

**Label elements**

Danger symbols: Xn - Harmful



Xn - Harmful

**Hazardous components which must be listed on the label**

Distillates (petroleum), hydrotreated light, Kerosine - unspecified

**R phrases**

65 Harmful: may cause lung damage if swallowed.

**S phrases**

02 Keep out of the reach of children.  
46 If swallowed, seek medical advice immediately and show this container or label.

**SECTION 3: Composition/information on ingredients**

**Mixtures**

**Chemical characterization**

Petroleum (Gasoline)



**Valve Lube**

Print date: 13.09.2011

Product code: 674

Page 2 of 6

**Hazardous components**

EC No.	Chemical name	Quantity
CAS No.	Classification	
Index No.	GHS classification	
REACH No.		
265-149-8	Distillates (petroleum), hydrotreated light, Kerosine - unspecified	90 - 95 %
64742-47-8	Xn R65	
649-422-00-2	Asp. Tox. 1; H304	
	carboxylic acid (potassium salt)	5 - 10 %
N/A	Xi R52-36/38	
	Eye Irrit. 2, Skin Irrit. 2, Aquatic Chronic 3; H319 H315 H412	
265-149-8	Distillates (petroleum, gasoline), hydrotreated light	1 - 5 %
64742-47-8	Xn R52-53-65-66	
	Asp. Tox. 1; H304	

Full text of R- and H-phrases: see section 16.

**SECTION 4: First aid measures**

**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 in high-fat content cream.

**After contact with eyes**

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

Consult physician.

**After ingestion**

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

**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.

**Indication of any immediate medical attention and special treatment needed**

Warning about danger of aspiration.

**SECTION 5: Firefighting measures**

**Extinguishing media**

**Suitable extinguishing media**

Extinguishing powder.

Sand.

alcohol resistant foam.

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



## Valve Lube

Print date: 13.09.2011

Product code: 674

Page 3 of 6

### **Extinguishing media which must not be used for safety reasons**

High power water jet.

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

Formation of decomposition products possible.  
In case of fire and/or explosion do not breathe fumes.

### **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**

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

In case of fire: Wear self-contained breathing apparatus.  
Keep away from sources of ignition. No smoking.

### **Environmental precautions**

Beat down gas/vapours/mist with water spray.  
Do not empty into drains or the aquatic environment.  
In case of gas being released or leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

### **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).

## **SECTION 7: Handling and storage**

### **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.

### **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.

## **SECTION 8: Exposure controls/personal protection**

### **Control parameters**

### **Exposure controls**

#### **Protective and hygiene measures**

When using do not eat, drink or smoke.  
"Wash hands when done working with material; at breaks, lunch, shift changes, etc."

#### **Respiratory protection**

In case of accumulation of fumes/aerosols, provide adequate ventilation.  
In case of insufficient ventilation, wear suitable respiratory equipment.



**Valve Lube**

Print date: 13.09.2011

Product code: 674

Page 4 of 6

**Hand protection**

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

**Eye protection**

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

**Skin protection**

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

**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

Physical state: liquid  
Colour: transparent  
Odour: characteristic

**Test method**

**Changes in the physical state**

Boiling point: 180 - 210 °C  
Flash point: > 63 °C  
Density (at 20 °C): 0.790 - 0.83 g/cm<sup>3</sup>  
Water solubility: insoluble  
(at 20 °C)  
Solubility in other solvents: Organic solvents  
Viscosity / kinematic: 1,91 mm<sup>2</sup>/s  
(at 20 °C)

**SECTION 10: Stability and reactivity**

**Conditions to avoid**

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

**Incompatible materials**

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

**Hazardous decomposition products**

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

**SECTION 11: Toxicological information**

**Information on toxicological effects**

**Acute toxicity**

CAS No.	Chemical name	Exposure routes	Method	Dose	Species	h
64742-47-8	Distillates (petroleum), hydrotreated light, Kerosine - unspecified					
	Acute oral toxicity	LD50	>15000 mg/kg		rat.	
	Acute dermal toxicity	LD50	3400 mg/kg		rat.	
64742-47-8	Distillates (petroleum, gasoline), hydrotreated light					
	Acute oral toxicity	LD50	>5000 mg/kg		rat.	
	Acute dermal toxicity	LD50	>2000 mg/kg		Rabbit.	



**Valve Lube**

Print date: 13.09.2011

Product code: 674

Page 5 of 6

**Irritation and corrosivity**

After skin contact: 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.

**SECTION 12: Ecological information**

**Toxicity**

CAS No.	Chemical name	Method	Dose	Species	h
	Aquatic toxicity				
64742-47-8	Distillates (petroleum), hydrotreated light, Kerosine - unspecified				
	Acute fish toxicity	LC50	10 mg/l	Oncorhynchus mykiss	96
	Acute algae toxicity	ErC50	4,6 mg/l	Pseudokirchneriella subcapitata	72
	Acute crustacea toxicity	EC50	10 mg/l	Daphnia magna	48
N/A	carboxylic acid (potassium salt)				
	Acute fish toxicity	LC50	>100 mg/l	Fish	96
	Acute algae toxicity	ErC50	>100 mg/l	Algae	72
	Acute crustacea toxicity	EC50	>100 mg/l	Daphnia magna	48
64742-47-8	Distillates (petroleum, gasoline), hydrotreated light				
	Acute fish toxicity	LC50	45 mg/l	Pimephales promelas	96
	Acute algae toxicity	ErC50	4,2 mg/l	Selenastrum capricornutum	96

**Bioaccumulative potential**

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

**SECTION 13: Disposal considerations**

**Waste treatment methods**

**Advice on disposal**

Do not dispose with household waste.

Do not empty into drains or the aquatic environment.

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)**

**Other applicable information (land transport)**

Not a hazardous material with respect to these transportation regulations.

**Inland waterways transport**

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

Not a hazardous material with respect to these transportation regulations.

**Marine transport**



**Valve Lube**

Print date: 13.09.2011

Product code: 674

Page 6 of 6

**Other applicable information (marine transport)**

Not a hazardous material with respect to these transportation regulations.

**Air transport**

**Other applicable information (air transport)**

Not a hazardous material with respect to these transportation regulations.

**SECTION 15: Regulatory information**

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

**EU regulatory information**

**Additional information**

Contains:  
> 30 % hydrocarbons, aliphatic.

**National regulatory information**

Water contaminating class (D): 2 - water contaminating

**SECTION 16: Other information**

**Full text of R-phrases referred to under sections 2 and 3**

- |       |   |
|-------|---|
| 36/38 | Irritating to eyes and skin.                                    |
| 52    | Harmful to aquatic organisms.                                   |
| 53    | May cause long-term adverse effects in the aquatic environment. |
| 65    | Harmful: may cause lung damage if swallowed.                    |
| 66    | Repeated exposure may cause skin dryness or cracking.           |

**Full text of H-Statements referred to under sections 2 and 3**

- |      |  |
|------|--|
| H304 | May be fatal if swallowed and enters airways.      |
| H315 | Causes skin irritation.                            |
| H319 | Causes serious eye irritation.                     |
| H412 | Harmful to aquatic life with long lasting effects. |

**Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances 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.)*