



Valve Lube

Print date : 30.09.2009

Product code : 763

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1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Valve Lube

Use of the substance/preparation

Anti wear agent

Company/undertaking identification

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Further Information

Article Number: 1991, 1992, 1993, 1999

2. Hazards identification

Classification

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

3. Composition/information on ingredients

Chemical characterization (Mixture)
Petroleum (Gasoline)

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
265-149-8	64742-47-8	Distillates (petroleum), hydrotreated light, Kerosine - unspecified	90 - 95 %	Xn R65
	N/A	carboxylic acid (potassium salt)	5 - 10 %	Xi R52-36/38
265-149-8	64742-47-8	Distillates (petroleum, gasoline), hydrotreated light	1 - 5 %	Xn R52-53-65-66

Full text of each relevant R phrase can be found in heading 16.

4. 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.



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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.

Advice to doctor

Warning about danger of aspiration.

5. Fire-fighting measures

Suitable extinguishing media

Extinguishing powder.
Sand.
alcohol resistant foam.
Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons

High power water jet.

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

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

Special protective equipment for fire-fighters

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.

6. Accidental release measures

Personal precautions

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 for cleaning up/taking up

Prevent spreading of spillages (e.g. by oil barrier).
Wipe up with absorbent material (eg. cloth, fleece).

7. Handling and storage

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.

Storage



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Requirements for storage rooms and vessels

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

Further information on storage conditions

Packaging materials: metal.

8. Exposure controls/personal protection

Exposure limit values

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.

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.

9. Physical and chemical properties

General information

Physical state : liquid
Colour : transparent
Odour : characteristic

Important health, safety and environmental information

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/cm³

Water solubility : insoluble

(at 20 °C)

Solubility in other solvents : Organic solvents

Viscosity / kinematic : 1,91 mm²/s

(at 20 °C)

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.

Materials to avoid

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

Hazardous decomposition products

Carbon monoxide (CO).

Carbon dioxide (CO₂).

11. Toxicological information



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Acute toxicity

LD50(oral, rat) > 2000 mg/Kg.
dermal LD50 > 2000 mg/Kg (rabbit)
inhalant LC50 > 5,5 mg/l / 4h (rat)

Corrosive and irritant effects

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.

12. Ecological information

Ecotoxicity

Distillates(petroleum, gasoline)
Fish, LC50, 1-10 mg/l
Algae, IC50, 1-10 mg/l

Bioaccumulative potential

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

13. Disposal considerations

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.)

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

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.

15. Regulatory information

Labelling

Danger symbols : Xn - Harmful

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Xn - Harmful

Hazardous component(s) to be indicated on 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.

EU regulatory information**Additional information**Contains:
> 30 % aliphatic hydrocarbons**National regulatory information**

Water contaminating class (D) : 2 - water contaminating

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.

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.)