

Hydraulic Lifter Care

Print date : 13.10.2008

Product code : 470

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

Identification of the substance or preparation

Hydraulic Lifter Care

Use of the substance/preparation

Oil Performance Improver

Company/undertaking identification

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Further Information

Article Number: 2131, 2132, 2138, 2133, 2135

2. Hazards identification

Classification

R-phrases :
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition/information on ingredients

Chemical characterization (preparation)

Inhibitors
Preventing agent
Anti wear agents not classified
Anti Friction Components

Hazardous components

EC-No.	CAS-No.	Chemical name	Quantity	Classification
	N/A	Alcyl dithio phosphate	< 15 %	N R51-53

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

4. First aid measures

After contact with skin

Take off immediately all contaminated clothing, including underwear and shoes .
Subsequently wash again with: Water and soap.
Seek medical attention if problems persist.

After contact with eyes

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

After ingestion

Rinse mouth thoroughly with water.
Do not induce vomiting.
Consult physician.

Advice to doctor

Warning about danger of aspiration.



Safety Data Sheet

according to Regulation (EU) No. 1907/2006

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5. Fire-fighting measures

Suitable extinguishing media

Extinguishing powder.
Sand.
Carbon dioxide (CO₂).
Water spray.

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.
Beat down gas/vapours/mist with water spray.
Contaminated fire-fighting water must be collected separately.

6. Accidental release measures

Personal precautions

Wear a self-contained breathing apparatus and chemical resistant suit.
High skid risk because of leaking or spilled product.

Environmental precautions

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).
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

7. Handling and storage

Handling

Advice on safe handling

Material must only be handled in closed installations or systems.
Avoid contact with skin and eyes.
Avoid oil mist

Storage

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.
Do not store at temperatures over: 50 °C

Advice on storage compatibility

Should be stored separately from oxidizing agents.

8. Exposure controls/personal protection

Exposure limit values

Exposure controls

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Protective and hygiene measures

Take off immediately all contaminated clothing
Avoid contact with skin and eyes.
Keep away from food, drink and animal feeding stuffs.
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 fire: Wear self-contained breathing apparatus.

Hand protection

Tested protective gloves are to be worn: NBR (Nitrile rubber). FKM (Fluoroelastomer (Viton)). (EN374)

Eye protection

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

Skin protection

Wear suitable protective clothing.

9. Physical and chemical properties

General information

Physical state : viscous
Colour : brown
Odour : mild

Important health, safety and environmental information

Test method

Changes in the physical state

Flash point : > 100 °C
Lower explosion limits :
Upper explosion limits :
Density (at 20 °C) : 0.89 - 0.92 g/cm³
Water solubility : insoluble
(at 20 °C)
Solubility in other solvents : Organic solvents

10. Stability and reactivity

Conditions to avoid

No decomposition when used as intended.
Keep at temperature not exceeding 50 °C.

Materials to avoid

Oxidizing agents. acid, concentrated.

Hazardous decomposition products

No hazardous decomposition products are known.

11. Toxicological information

Corrosive and irritant effects

After skin contact: Frequently or prolonged contact with skin may cause dermal irritation.
Irritation of eyes: Irritant effect possible.

Sensitising effects

no danger of sensitization.

12. Ecological information



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Persistence and degradability

Not easily bio-degradable (according to OECD-criteria).

Further information

Do not empty into drains or the aquatic environment.

13. Disposal considerations

Advice on disposal

Do not dispose with household waste.

Do not empty into drains or the aquatic environment.

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

Contaminated packaging

Container must be completely emptied.

14. Transport information

Land transport (ADR/RID)

Other applicable information (land transport)

Not a hazardous material with respect to transportation regulations.

Inland waterways transport

Other applicable information (inland waterways transport)

Not a hazardous material with respect to transportation regulations.

Marine transport

Other applicable information (marine transport)

Not a hazardous material with respect to transportation regulations.

Air transport

Other applicable information (air transport)

Not a hazardous material with respect to transportation regulations.

15. Regulatory information

Labelling

R phrases

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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::

10 - 15 % phosphates

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

51 Toxic to aquatic organisms.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

53 May cause long-term adverse effects in the aquatic environment.

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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.)