



Material Safety Data SheYh

POWER MAXED HYDRAULIC VALVE TREATMENT

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

Trade Name: HYDRAULIC VALVE TREATMENT PMHVT

Identification of substance or preparation:

A blend of, fatty acids, rapeseed methyl esters and natural glycerides.

Use:

Automotive lubricant .

Company/Undertaking Identification:

Power Maxed
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2 Hazard Identification

According to Regulation (EC) No 1272/2008, Classification Labelling and Packaging of substances and mixtures:

Label elements and precautionary statements:

Pictogram(s)	none.
Signal word	none.
Hazard Statement(s)	none.
Precautionary statement(s) (Prevention)	none.
Precautionary statement(s) (Response)	none.
Precautionary statement(s) (Storage)	none.
Precautionary statement(s) (Disposal)	none.
Classification of substance and mixture	none.

Hazards (according to Directive 67/548/EEC or 1999/45/EC):

Not Classified.

3 Composition/Information on ingredients

Chemical nature:

Preparation containing CAS no 85586-25-0 Fatty acid, rape seed methyl esters and CAS No 8016-28-2, Lard oil

Hazardous ingredients (GHS):

According to Regulation (EC) No 1272/2008 None.

Hazardous ingredients 67/548/EEC or 1999/45/EC:

None.

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4 First-Aid Measures

General Advice:

In case of adverse health effects seek medical advice.

After inhalation:

Remove from exposure.

After skin contact:

Wash with soap and water.

After eye contact:

Rinse immediately with running water (for 10 minutes). Seek medical attention if necessary.

After ingestion:

Wash out mouth with water. Seek medical attention.

5 Fire Fighting Measures

Suitable extinguishing media:

Foam, carbon dioxide, dry agent.

Extinguishing media that should not be used for safety reasons:

High pressure water jet.

Special protection equipment for fire-fighters:

Self contained breathing apparatus.

Special hazards by the product itself:

No supplementary information available.

6 Accidental release measures

Personal protection:

Use personal protective clothing.

Environmental precautions:

Do not empty into drains/surface water/ground water.

Methods of cleaning up:

Remove with liquid-absorbing material.

7 Handling and storage

Handling:

KEEP SUBSTANCE AWAY FROM: ignition sources. Strong acids and bases.

Prevent slip hazards.

Provide suitable mechanical equipment for safe handling of drums and heavy packages.

Avoid release of this product to the environment and clear up any spillage promptly.

Storage:

Maximum recommended storage temperature, 40°C. Keep containers closed and in a dry, ventilated area.

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8 Exposure controls/ personal protection

Exposure limit values:

Contains no substances with occupational exposure limit values.

Hand protection:

Chemical resistant, protective gloves. In the event of contamination, change protective gloves immediately. Avoid skin contact with the wetted surfaces of protective gloves.

Eye protection:

Safety goggles.

Respiratory protection:

No supplementary information available.

Skin protection:

Use suitable protective clothing. Remove working clothes after work.

Hygiene measures:

General industrial hygiene practice.

9 Physical and chemical properties

General information:

Physical state	liquid.
Colour	yellow to amber.
Odour	mild fatty odour.
pH	no data available.
Boil point range, °C	>150.
Flash point, °C	>180.
Flammability - autoignition temperature, °C	>250.
Explosive properties	none.
Oxidising properties	none.
Vapour pressure	no data available.
Melting point/range, °C	<0
Relative density@15°C	0.91
Kinematic viscosity, cSt@40°C	15.
Solubility in water	insoluble
Solubility in fat/solvent	miscible with hydrocarbon solvents/mineral oil.
Partition coefficient (log Pow)	>5.0

10 Stability and reactivity

Materials to avoid:

Stable under recommended storage and handling conditions.

Hazardous decomposition products

On burning: releases oxides of carbon.

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11 Toxicological information

Acute toxicity:

Acute oral Toxicity,
LD50 (oral, rat), >2000mg/Kg,
GHS: no category.

Skin Irritation:

Not irritating,
GHS: no category.

Eye Irritation:

Not irritating,
GHS: no category.

Sensitisation:

Skin no sensitisation observed (guinea pig).
Respiratory low volatility makes inhalation unlikely at ambient temperatures.

Mutagenicity:

No evidence of mutagenicity.

Carcinogenicity:

No evidence of carcinogenicity.

Reproductive toxicity:

No evidence of reproductive toxicity.

12 Ecological Information

Biodegradability 90% (21d) (CEC-Test L-33-T-82),
Test result from analogous product

Ecotoxicity effects:

Toxicity to fish LC50:100mg/l,
Test results from analogous product
Toxicity to bacteria EC50:>100mg/l,
Test results from analogous product.

13 Disposal considerations

Waste residues:

Dispose of waste and residues in accordance with local authority requirements.

Contaminated packaging:

Dispose of through an authorised contractor.

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14 Transport regulations

Transport classification	Not classified as hazardous for transport.
UN number	Not applicable.
Hazard class	Not applicable
Proper shipping name	Not applicable.
Packing group	Not applicable.
Environmentally Hazardous	Not applicable.

15 Regulatory Information

EC label:

Not hazardous according to CLP regulations.

Label name	none.
Hazard symbol	none.
EC number	none required for label.
Risk phrase(s)	none.
Safety phrase(s)	none.

Notification status:

All ingredients are on the following inventories or are exempted from listing:
REACH; TSCA; AICS; DSL, ENCS (JP); KECI (KR); PICCS (PH); INV (CN); CN INV

16 Other Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in process, unless specified in the text.