



PSF Power Steering Fluid Honda

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Issue date: 5-4-2016 Revision date: 29-7-2020 Supersedes: 14-5-2020 version: 1.4

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

1.1. Product identifier

Product form : Mixture
Product name : PSF Power Steering Fluid Honda
Product code : 50000H

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

1.2.1. Relevant identified uses

Main use category : Professional use, Industrial use, Consumer use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

MPM International Oil Company
Cyclotronweg 1
2629 HN Delft Delft - Nederland
T +31 (0)15 2514030 - F +31 (0)15 2514031
msds@mpmoil.nl - www.mpmoil.nl

1.4. Emergency telephone number

Emergency number : +31 (0)15 2514030 (08.00 - 17.00 GMT+1)

Country	Official advisory body	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

EUH-statements : EUH210 - Safety data sheet available on request.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1-Decene, homopolymer, hydrogenated	(CAS-No.) 68037-01-4 (EC-No.) 500-183-1 (REACH-no) 01-2119486452-34	25 – 50	Asp. Tox. 1, H304
Base oil - not specified	(CAS-No.) 64742-54-7 (EC-No.) 265-157-1 (EC Index-No.) 649-467-00-8 (REACH-no) 01-2119484627-25	25 – 40	Asp. Tox. 1, H304

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Distillates (petroleum), hydrotreated light paraffinic, Baseoil - unspecified.	(CAS-No.) 64742-55-8 (EC-No.) 265-158-7 (EC Index-No.) 649-468-00-3 (REACH-no) 01-2119487077-29	1 – 10	Asp. Tox. 1, H304
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Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General	: In all cases of doubt, or when symptoms persist, seek medical attention.
After inhalation	: Remove person to fresh air and keep comfortable for breathing.
After skin contact	: Gently wash with plenty of soap and water.
After eye contact	: In case of eye contact, immediately rinse with clean water for 10-15 minutes. If eye irritation persists: Get medical advice/attention.
After ingestion	: Call a POISON CENTER/doctor if you feel unwell. Do NOT induce vomiting.

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

No additional information available

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: water spray, powder, foam and CO2.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases.
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5.3. Advice for firefighters

Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate well.
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6.1.2. For emergency responders

Protective equipment	: Use personal protective equipment as required.
Emergency procedures	: Ventilate area.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment	: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	: Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Clean with the help of detergents.
Other information	: Remove to an authorized waste treatment plant. If spilled, may cause the floor to be slippery.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13. Information on safe handling - see Section 7.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Provide local exhaust or general room ventilation. Wear personal protective equipment.
Handling temperature	: < 40 °C
Hygiene measures	: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in a well-ventilated place. Keep cool.
Incompatible products	: Oxidizing agent.
Storage temperature	: < 45 °C

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Base oil - not specified (64742-54-7)

EU	IOELV TWA (mg/m ³)	5 mg/m ³ 8 h/day
Germany	TRGS 910 Acceptable concentration notes	

Additional information : Based on ACGIH TLV, a concentration of 5 mg/m³ oilspray (TWA, 8 hour workday) is recommended.

8.2. Exposure controls

Technical measures:

Use adequate ventilation to keep oil mist below applicable standard.

Personal protective equipment:

Safety glasses. Gloves. Protective clothing.

Hand protection:

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves, Disposable gloves	Nitrile rubber (NBR), Neoprene rubber (HNBR), Polyvinylchloride (PVC)	5 (> 240 minutes)			EN ISO 374

Eye protection:

Type	Use	Characteristics	Standard
Safety glasses	Use splash goggles when eye contact due to splashing is possible		EN 166

Skin and body protection:

No special clothing/skin protection equipment is recommended under normal conditions of use

Respiratory protection:

Device	Filter type	Condition	Standard
Respiratory protective device with a combined gas and particle filter		Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment	EN 143

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Oily.
Colour	: No data available
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 215 °C
Auto-ignition temperature	: No data available

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Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 841 g/l
Solubility	: Water: Insoluble
Log Pow	: No data available
Viscosity, kinematic	: 53 mm ² /s
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under normal conditions.

10.5. Incompatible materials

Oxidizing agent.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

1-Decene, homopolymer, hydrogenated (68037-01-4)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 Inhalation - Rat	5,2 mg/l/4h

Distillates (petroleum), hydrotreated light paraffinic, Baseoil - unspecified. (64742-55-8)

LD50 oral rat	> 5000 kilogram
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	5,53 mg/l/4h

Base oil - not specified (64742-54-7)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LD50 dermal rabbit	> 3000 mg/kg
LC50 Inhalation - Rat	> 5 mg/l/4h

Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

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Reproductive toxicity : Not classified

STOT-single exposure : Not classified

Base oil - not specified (64742-54-7)

NOAEL (dermal, rat/rabbit) > 2000 mg/kg bodyweight

STOT-repeated exposure : Not classified

Base oil - not specified (64742-54-7)

LOAEL (oral, rat, 90 days) 125 mg/kg bodyweight OECD 408

NOAEL (dermal, rat/rabbit, 90 days) > 1000 mg/kg bodyweight/day

NOAEL (subacute, oral, animal/male, 28 days) > 220 mg/kg bodyweight

NOAEL (subchronic, oral, animal/male, 90 days) > 980 mg/kg bodyweight

Aspiration hazard : Not classified

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Viscosity, kinematic 53 mm²/s

SECTION 12: Ecological information

12.1. Toxicity

General : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

1-Decene, homopolymer, hydrogenated (68037-01-4)

LC50 fish 1 > 1000 mg/l @96h - *Salmo gairdneri*

LC50 fish 2 > @96h - *Pimephales promelas*

LC50 other aquatic organisms 1 1000 mg/l *scenedes quadricauda* @ 3 hr

EC50 Daphnia 1 190 mg/l @48h - *Daphnia magna*

EC50 72h algae (1) > 1000 mg/l waterflea @ 2DY

EC50 72h algae (2) > 125 mg/l waterflea @21DY

NOEC chronic algae > 1000 @*scenedesmus quadriacauda* @ 3hr

Distillates (petroleum), hydrotreated light paraffinic, Baseoil - unspecified. (64742-55-8)

LC50 fish 1 > 100 mg/l 96h

LC50 other aquatic organisms 1 > 100 mg/l

ErC50 (algae) > 100 mg/l 48h

NOEC chronic fish 100 mg/l

Base oil - not specified (64742-54-7)

LC50 fish 1 > 100 mg/l @*Pimephales promelas*

EC50 Daphnia 1 > 10000 mg/l

EC50 Daphnia 2 > 10 mg/l @21D

EC50 72h algae (1) > 100 mg/l @*Scenedesmus quadricauda* 3D

NOEC chronic fish > 10 mg/l @21 D

12.2. Persistence and degradability

1-Decene, homopolymer, hydrogenated (68037-01-4)

Biodegradation 2 % 28 DY @OECD TG 301D

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Distillates (petroleum), hydrotreated light paraffinic, Baseoil - unspecified. (64742-55-8)

Persistence and degradability	Not established.
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Base oil - not specified (64742-54-7)

Biodegradation	31 % @28D -OECD TG 301 B
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12.3. Bioaccumulative potential

1-Decene, homopolymer, hydrogenated (68037-01-4)

Log Kow	> 6,5
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Distillates (petroleum), hydrotreated light paraffinic, Baseoil - unspecified. (64742-55-8)

Log Pow	> 3
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Bioaccumulative potential	No data available.
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
European List of Waste (LoW) code	: 13 01 00 - waste hydraulic oils 13 01 11* - synthetic hydraulic oils

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG
14.1. UN number	
Not applicable	Not applicable
14.2. UN proper shipping name	
Not applicable	Not applicable
14.3. Transport hazard class(es)	
Not applicable	Not applicable
14.4. Packing group	
Not applicable	Not applicable
14.5. Environmental hazards	
Not applicable	Not applicable

No supplementary information available

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

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Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:

ACGIH: American Conference of Governmental Industrial Hygienists. TWA: Time Weighted Average. TLV: Threshold Limit Value. ASTM: American Society for Testing and Materials . ADR: Accord Européen Relatif au Transport International des Marchandises Dangereuses par Route . RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail . ADNR: Accord Européen relatif au Transport International des Marchandises Dangereuses par voie de Navigation du Rhin. IMDG: International Maritime Dangerous Goods. ICAO: International Civil Aviation Organization . IATA: International Air Transport Association. STEL: Short Term Exposure Limit. LD50: median Lethal Dose for 50% of subjects. ATE: acute toxicity estimate. LC50: median Lethal Concentration for 50% of subjects. EC50: concentration producing 50% effect.

Full text of H- and EUH-statements:

Asp. Tox. 1	Aspiration hazard, Category 1
H304	May be fatal if swallowed and enters airways.
EUH210	Safety data sheet available on request.

SDS MPM REACH

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.