



Power Steering Stop Leak

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

MSDS Version: E07.05

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Blend Version: 7

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

1.1. Product identifier

Product name : Power Steering Stop Leak

Product code : W64505

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Oil additive

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Wynn's Belgium
Industriepark-West 46
9100 Sint-Niklaas - Belgium
T +32 3 766 60 20 - F +32 3 778 16 56
msds@wynns.eu - www.wynns.com

1.4. Emergency telephone number

Emergency number : BIG: +32(0)14/58.45.45 (NL FR EN DE)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aquatic Chronic 3 H412

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Signal word (CLP) : -

Hazard statements (CLP) : H412 - Harmful to aquatic life with long lasting effects.

EUH-statements : EUH208 - Contains Ethanol,2,2'-iminobis-, N-tallow alkyl derivs.. May produce an allergic reaction.

Precautionary statements (CLP) : P273 - Avoid release to the environment.

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	% w	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Distillates (petroleum), solvent-dewaxed heavy paraffinic, Baseoil - unspecified	(CAS-No.) 64742-65-0 (EC-No.) 265-169-7 (EC Index-No.) 649-474-00-6 (REACH-no) 01-2119471299-27	75 - 90	Not classified
thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich	(CAS-No.) 398141-87-2 (EC-No.) 800-172-4 (REACH-no) 01-2119969520-35	2,5 - 5	Aquatic Chronic 2, H411
methacrylate copolymer	(CAS-No.) confidential	2,5 - 5	Eye Irrit. 2, H319
Dimantine	(CAS-No.) 124-28-7 (EC-No.) 204-694-8 (REACH-no) 01-2119486676-20	0,1 - 1	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Aquatic Acute 1, H400

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			(M=100) Aquatic Chronic 1, H410
Ethanol,2,2'-iminobis-, N-tallow alkyl derivs.	(CAS-No.) 61791-44-4 (EC-No.) 263-177-5	0,1 - 1	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400
2-(2-heptadec-8-en-1-yl-4,5-dihydro-1H-imidazol-1-yl)ethanol	(CAS-No.) 95-38-5 (EC-No.) 202-414-9 (REACH-no) 01-2119777867-13	0,02 - 0,1	Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Eye Dam. 1, H318 STOT RE 2, H373 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Check the vital functions. Keep victim at rest in half upright position. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Keep watching the victim. Give psychological aid. Prevent cooling by covering the victim (no warming up). Keep the victim calm, avoid physical strain. If necessary seek medical advice.
- First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
- First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor if you feel unwell.

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

- Symptoms/effects after skin contact : May cause an allergic skin reaction.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Water spray. AFFF foam. ABC-powder.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Combustible liquid.
- Explosion hazard : Product is not explosive.

5.3. Advice for firefighters

- Firefighting instructions : Prevent fire fighting water from entering the environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : No open flames. No smoking. Spill area may be slippery.

6.1.1. For non-emergency personnel

- Protective equipment : Wear suitable gloves and eye/face protection.
- Emergency procedures : Mark the danger area. Prevent flow to low areas. Take off contaminated clothing.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

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6.3. Methods and material for containment and cleaning up

- For containment : Collect spillage. Contain leaking substance, pump over in suitable containers. Contain the spilled material by bunding.
- Methods for cleaning up : Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Clean preferably with a detergent - Avoid the use of solvents.
- Other information : Caution : this product can cause the floor to be very slippery.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.
- Precautions for safe handling : Avoid contact with skin and eyes. Presents no particular risk when handled in accordance with good occupational hygiene practice.
- Hygiene measures : Use good personal hygiene practices. IF ON SKIN: Wash with plenty of water/.... Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Meet the legal requirements. Store in a closed container.
- Storage area : Meet the legal requirements. Protect from heat and direct sunlight.
- Special rules on packaging : Meet the legal requirements. correctly labelled.

7.3. Specific end use(s)

See product bulletin for detailed information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Distillates (petroleum), solvent-dewaxed heavy paraffinic, Baseoil - unspecified (64742-65-0)

EU	IOELV TWA (mg/m ³)	5 mg/m ³
Italy - Portugal - USA	ACGIH TWA (mg/m ³)	5 mg/m ³
ACGIH		

Distillates (petroleum), solvent-dewaxed heavy paraffinic, Baseoil - unspecified (64742-65-0)

PNEC (Oral)	
PNEC oral (secondary poisoning)	9,33 mg/kg food

thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich (398141-87-2)

DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	44 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	3,1 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	0,4 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0,8 mg/m ³
Long-term - systemic effects, dermal	22 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0,002 mg/l
PNEC aqua (marine water)	0 mg/l
PNEC aqua (intermittent, freshwater)	0,024 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0,435 mg/kg dwt
PNEC sediment (marine water)	0,043 mg/kg dwt
PNEC (Soil)	
PNEC soil	0,086 mg/kg dwt
PNEC (Oral)	
PNEC oral (secondary poisoning)	6,66 mg/kg food
PNEC (STP)	
PNEC sewage treatment plant	100 mg/l

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bis(nonylphenyl)amine (36878-20-3)

DNEL/DMEL (Workers)

Long-term - systemic effects, dermal	5 mg/kg bodyweight/day
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	0,25 mg/kg bodyweight/day
Long-term - systemic effects, dermal	2,5 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	0,1 mg/l
PNEC aqua (marine water)	0,01 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	132000 mg/kg dwt
PNEC sediment (marine water)	13200 mg/kg dwt
PNEC (Soil)	
PNEC soil	263000 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	1 mg/l

Dimantine (124-28-7)

DNEL/DMEL (Workers)

Acute - local effects, inhalation	1 mg/m ³
Long-term - local effects, inhalation	1 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	0,5 mg/kg bodyweight/day
PNEC (Sediment)	
PNEC sediment (freshwater)	1,25 mg/kg dwt
PNEC sediment (marine water)	0,125 mg/kg dwt
PNEC (Soil)	
PNEC soil	1 mg/kg dwt

2-(2-heptadec-8-en-1-yl-4,5-dihydro-1H-imidazol-1-yl)ethanol (95-38-5)

DNEL/DMEL (Workers)

Acute - systemic effects, dermal	2 mg/kg bodyweight/day
Acute - systemic effects, inhalation	14 mg/m ³
Long-term - systemic effects, dermal	0,06 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	0,46 mg/m ³
PNEC (Water)	
PNEC aqua (freshwater)	0 mg/l
PNEC aqua (marine water)	0 mg/l
PNEC aqua (intermittent, freshwater)	0 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0,376 mg/kg dwt
PNEC sediment (marine water)	0,038 mg/kg dwt
PNEC (Soil)	
PNEC soil	0,075 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	0,27 mg/l

8.2. Exposure controls

Appropriate engineering controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Does not require any specific or particular technical measures.

Personal protective equipment

: Gloves. Safety glasses.



Hand protection

: Neoprene. Nitrile rubber. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Time of penetration is to be checked with the glove producer.

Other information

: Breakthrough time : >30'. Thickness of the glove material >0,1 mm.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: light brown.
Odour	: characteristic.
Odour threshold	: No data available
pH	:
Relative evaporation rate (butylacetate=1)	: No data available
refraction index	: 1,479
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 150 °C
Auto-ignition temperature	: > 250 °C
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 @20°C	: 877 kg/m ³
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic @40°C	: 30 mm ² /s
Viscosity, dynamic @40°C	: No data available
Viscosity	: 5,6 mm ² /s @100°C
Viscosity Index	:
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content	: 0 %
Other properties	: Dimethylsulfoxide (DMSO) <3%.
Additional information	: The physical and chemical data in this section are typical values for this product and are not intended as product specifications.

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Combustible liquid. Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Keep away from strong acids and strong oxidizers.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Distillates (petroleum), solvent-dewaxed heavy paraffinic, Baseoil - unspecified (64742-65-0)

LD50 oral rat > 5000 mg/kg bodyweight Sprague-Dawley

LD50 dermal rabbit > 2000 mg/kg bodyweight New Zealand White

LC50 inhalation rat (mg/l) > 5,53 mg/l/4h Sprague-Dawley

thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich (398141-87-2)

LD50 dermal rabbit 4000 - 8000 mg/kg bodyweight

ATE CLP (dermal) 4000 mg/kg bodyweight

Ethanol,2,2'-iminobis-, N-tallow alkyl derivs. (61791-44-4)

ATE CLP (oral) 500 mg/kg bodyweight

Dimantine (124-28-7)

LD50 oral rat 2116 mg/kg bodyweight Sprague-Dawley

ATE CLP (oral) 500 mg/kg bodyweight

2-(2-heptadec-8-en-1-yl-4,5-dihydro-1H-imidazol-1-yl)ethanol (95-38-5)

LD50 oral rat 1265 mg/kg bodyweight Tif: RAI f (SPF)

ATE CLP (oral) 1265 mg/kg bodyweight

Skin corrosion/irritation : May produce an allergic reaction

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : This product contains hazardous components for the aquatic environment.

Ecology - water : Harmful to aquatic life with long lasting effects.

Distillates (petroleum), solvent-dewaxed heavy paraffinic, Baseoil - unspecified (64742-65-0)

LC50 fish 1 > 100 mg/l @96h Pimephales promelas

EC50 Daphnia 1 > 10000 mg/l @48h Daphnia magna

EC50 other aquatic organisms 1 <= 100 mg/l @72h Pseudokirchneriella subcapitata

thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich (398141-87-2)

EC50 Daphnia 1 48h 4,6 mg/l Daphnia magna

Dimantine (124-28-7)

LC50 fish 1 96h 0,18 mg/l Oncorhynchus mykiss

EC50 Daphnia 1 48h 0,51 mg/l Daphnia magna

EC50 other aquatic organisms 1 72h 0,0141 mg/l Desmodesmus subspicatus

NOEC (acute) 72h 0,00517 mg/l Desmodesmus subspicatus

2-(2-heptadec-8-en-1-yl-4,5-dihydro-1H-imidazol-1-yl)ethanol (95-38-5)

LC50 fish 1 96h 0,3 mg/l Brachydanio rerio

EC50 Daphnia 1 48h 0,163 mg/l Daphnia magna

EC50 other aquatic organisms 1 72h 0,017 mg/l Desmodesmus subspicatus

LOEC (acute) 72h 0,017 mg/l Desmodesmus subspicatus

NOEC (acute) 72h 0,011 mg/l Desmodesmus subspicatus

12.2. Persistence and degradability

Ethanol,2,2'-iminobis-, N-tallow alkyl derivs. (61791-44-4)

Persistence and degradability Readily biodegradable in water.

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2-(2-heptadec-8-en-1-yl-4,5-dihydro-1H-imidazol-1-yl)ethanol (95-38-5)

Persistence and degradability Readily biodegradable.

12.3. Bioaccumulative potential

Ethanol,2,2'-iminobis-, N-tallow alkyl derivs. (61791-44-4)

Bioaccumulative potential No data available.

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

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Remove to an authorized waste treatment plant. Avoid release to the environment.
European List of Waste (LoW) code : 12 01 12* - spent waxes and fats
15 01 10* - packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

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

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

No additional information available

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

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

Contains no REACH Annex XIV substances

VOC content : 0 %

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15.1.2. National regulations

Water hazard class (WGK) : 1 - low hazard to waters

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Corr. 1C	Skin corrosion/irritation, Category 1C
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains Ethanol,2,2'-iminobis-, N-tallow alkyl derivs.. May produce an allergic reaction.

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