

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 Issue date: 6/20/2022 Version: 1.0

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

1.1. Product identifier

Product form : Mixture

Trade name : Lucas High Performance Synthetic SAE 10W-40 Motorcycle Oil With Moly

Lucas High Performance Synthetic Fork Oil Extra Heavy (20 wt)

Lucas Synthetic SAE 50 Transmission Oil, Lucas Automatic Transmission Fluid Conditioner

L.O.P. Super Lube Fully Synthetic 5w-30 C2 Motor Oil L.O.P. Super Lube Fully Synthetic 5w-30 C3 Motor Oil L.O.P. Super Lube Fully Synthetic 5w-30 FORD-D Motor Oil L.O.P. Super Lube Fully Synthetic 5w-30 GM Motor Oil L.O.P. Super Lube Fully Synthetic 5w-30 VAG Motor Oil L.O.P. Super Lube Fully Synthetic 5w-40 PD Motor Oil L.O.P. Super Lube Fully Synthetic 5w-40 PD Motor Oil

Lucas Synthetic Multi-Vehicle CVT Fluid Lucas Universal Hydraulic & Transmission Fluid

Lucas Slick Mist Speed Wax

Product code

1 :	2 Relevant	identified	uses of the	substance o	r mixture a	nd uses a	dvised	against
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1.2.1. Relevant identified uses

Intended for general public

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

Use of the substance/mixture : Lubricant

1.2.2. Uses advised against

Restrictions on use : No additional information

1.3. Details of the supplier of the safety data sheet

SupplierSupplierLucas Oil Products UK LtdLucas Oil

Lucas Oil Products UK LtdLucas Oil Products Europe LtdUnit 4 Cunliffe DriveBlock 3 Harcourt CentreLlangefni Industrial EstateHarcourt RoadLL77 7JA LlangefniDublin 2

Anglesey - UK Ireland
T 01248 723 666 T +44 344 225 5400

 $\underline{Info@LucasOil.co.uk} - \underline{www.lucasoil.co.uk} \quad info@lucasoil.eu.com \quad www.lucasoil.eu.com$

1.4. Emergency telephone number

Emergency number : ChemTel

1-800-255-3924 (USA, Canada, Puerto Rico, US V.I.)

+1-813-248-0585 (International)

Country	Organisation/Company	Address	Emergency number	Comment
Ireland	National Poisons Information Centre	PO Box 1297	+353 1 809 2566 (Healthcare professionals-	
	Beaumont Hospital	Beaumont Road	24/7)	
		9 Dublin	+353 1 809 2166 (public, 8am - 10pm, 7/7)	

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Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Cardiff Centre) University Hospital Llandough	Penlan Road CF64 2XX Llandough	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Edinburgh Centre) Royal Infirmary of Edinburgh	Little France Crescent EH16 4SA Edinburgh	0344 892 0111	Only for healthcare professionals
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	
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre	16/17 Framlington Place Newcastle-upon-Tyne NE2 4AB Newcastle	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

No data available

2.2. Label elements

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

Precautionary statements (CLP) : P102 - Keep out of reach of children.

EUH-statements : L.O.P. Super Lube Fully Synthetic 5w-30 C2 Motor Oil, L.O.P. Super Lube Fully Synthetic 5w-30 C3 Motor Oil, L.O.P. Super Lube Fully Synthetic 5w-30 FORD-D Motor Oil, L.O.P.

Super Lube Fully Synthetic 5w-30 GM Motor Oil, L.O.P. Super Lube Fully Synthetic 5w-30 VAG Motor Oil, L.O.P. Super Lube Fully Synthetic 5w-40 PD Motor Oil: EUH208 – Contains C14-16-18 Alkyl phenol. May produce an allergic reaction. EUH210 - Safety data sheet

available on request.

Lucas Automatic Transmission Fluid Conditioner: EUH208 - Contains Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs, 1-(tert-Dodecylthio)propan-2-ol(67124-09-8), 1,2-Propanediol, 3-amino, N,N-dicoco alkyl derivs. May produce an allergic reaction. EUH210 -

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Lucas Synthetic SAE 50 Transmission Oil: EUH208 - Contains N,N-bis(2-ethylhexyl)-armethyl-1H-benzotriaozle-1-methanamine(94270-86-7), Benzenesulfonic acid, propenated, calcium salt, overbased(68610-84-4). May produce an allergic reaction. EUH210 - Safety data sheet available on request.

Lucas High Performance Synthetic SAE 10W-40 Motorcycle Oil With Moly: EUH208 – Contains Oxymolybdenum di-2-ethylhexyl phos-phorodithioate, sulfurized(72030-25-2). May produce an allergic reaction. EUH210 - Safety data sheet available on request.

Lucas High Performance Synthetic Fork Oil Extra Heavy (20 wt): EUH208 –Contains Oxymolybdenum di-2-ethylhexyl phos-phorodithioate, sulfurized(72030-25-2). May produce an allergic reaction.

Lucas Synthetic Multi-Vehicle CVT Fluid EUH208 –Contains Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs., c14-18 alpha-olefin epoxide, reaction products with boric acid, 1,2-Propanediol, 3-amino, N,N-dicoco alkyl derivs.

Lucas Universal Hydraulic & Transmission Fluid: EUH208 - Contains Benzenesulfonic acid, propenated, calcium salt, overbased(68610-84-4). May produce an allergic reaction. EUH210 - Safety data sheet available on request.

Lucas Slick Mist Speed Wax - EUH208 - Contains 1,2-benzisothiazolone(2634-33-5). May produce an allergic reaction. EUH210 - Safety data sheet available on request.

Unknown acute toxicity (CLP: Classification, Labelling, Packaging.) - SDS

: 0.78% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 0.78% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 0.78% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

Unknown hazards to the aquatic environment (CLP) : Contains 4.63 % of components with unknown hazards to the aquatic environment

Child-resistant fastening : Not applicable Tactile warning : Not applicable

2.3. Other hazards

Component (Lucas Slick Mist Speed Wax)	
Decamethylcyclopentasiloxane (D5) (541-02-6)	This substance meets the PBT criteria of REACH regulation, annex XIII This substance meets the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

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]
Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) substance with a Community workplace exposure limit (Note L)	CAS-No.: 64742-54-7 EC-No.: 265-157-1 EC Index-No.: 649-467-00-8 REACH-no: 01-2119484627- 0018	0 - 96	Asp. Tox. 1, H304

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Distillates (petroleum), hydrotreated light paraffinic (DMSO <3%) (Note L)	CAS-No.: 64742-55-8 EC-No.: 265-158-7 EC Index-No.: 649-468-00-3	0 - 55	Asp. Tox. 1, H304
1-Decene, homopolymer, hydrogenated	CAS-No.: 68037-01-4 EC-No.: 212-819-2	0 - 30	Asp. Tox. 1, H304
Distillates (petroleum), solvent-dewaxed heavy paraffinic (DMSO < 3%) (Note L)	CAS-No.: 64742-65-0 EC-No.: 265-169-7 EC Index-No.: 649-474-00-6	0 - 30	Asp. Tox. 1, H304
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	CAS-No.: 68411-46-1 EC-No.: 270-128-1	0 - 5	Aquatic Chronic 3, H412
Benzenamine, N-phenyl-, reaction products with isobutylene and ,4,4-trimethylpentene	CAS-No.: 184378-08-3 EC-No.: 606-029-0	0 - 5	Aquatic Chronic 3, H412
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (DMSO < 3%) (Note L)	CAS-No.: 72623-87-1 EC-No.: 276-738-4 EC Index-No.: 649-483-00-5	0 - 5	Asp. Tox. 1, H304
Mineral oil (DMSO <3%) substance with national workplace exposure limit(s) (IE); substance with a Community workplace exposure limit	CAS-No.: mixture	0 - 5	Not classified
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	CAS-No.: 68649-42-3 EC-No.: 272-028-3	0 - 2.5	Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Lubricating oils, petroleum, hydrotreated spent	CAS-No.: 64742-58-1 EC-No.: 265-161-3	0 - 2	Acute Tox. 4 (Inhalation:dust,mist), H332
Residual oils (petroleum), solvent refined (DMSO <3%)	CAS-No.: 64742-01-4 EC-No.: 265-101-6 EC Index-No.: 649-459-00-4	0 - 1.2	Asp. Tox. 1, H304
Dibutyl phosphite	CAS-No.: 1809-19-4 EC-No.: 217-316-1	0 - 1.1	Skin Irrit. 2, H315 Eye Irrit. 2, H319
C14-16-18 Alkyl phenol	EC-No.: 931-468-2	0 - <1	Skin Sens. 1B, H317 Aquatic Chronic 4, H413
Oxymolybdenum di-2-ethylhexyl phos-phorodithioate, sulfurized	CAS-No.: 72030-25-2 EC-No.: 615-708-0	0 - <1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
1,2-Propanediol, 3-amino, N,N-dicoco alkyl derivs.	EC-No.: 482-000-4	0 - 0.25	Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs.	EC-No.: 471-920-1	0 - 0.25	Skin Sens. 1B, H317
N,N-bis(2-ethylhexyl)-ar-methyl-1H-benzotriaozle-1-methanamine	CAS-No.: 94270-86-7 EC-No.: 619-007-0	0 - <0.25	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Decamethylcyclopentasiloxane (D5) substance listed as REACH Candidate (Decamethylcyclopentasiloxane) PBT substance; vPvB substance	CAS-No.: 541-02-6 EC-No.: 208-764-9	0 - 0.165	Not classified
1-(tert-Dodecylthio)propan-2-ol	CAS-No.: 67124-09-8	0 - 0.125	Skin Sens. 1, H317

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
	EC-No.: 266-582-5		Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzenesulfonic acid, propenated, calcium salt, overbased	CAS-No.: 68610-84-4 EC-No.: 271-877-7	0 - 0.2	Skin Sens. 1B, H317 Aquatic Chronic 4, H413
1,2-benzisothiazolone	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6	0 - 0.0125	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400

Specific concentration limits:			
Name	Product identifier	Specific concentration limits	
1,2-benzisothiazolone	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6	(0.05 ≤ C < 100) Skin Sens. 1, H317	

Note L: The harmonised classification as a carcinogen applies unless it can be shown that the substance contains less than 3 % of dimethyl sulphoxide extract as measured by IP 346 ("Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions – Dimethyl sulphoxide extraction refractive index method" Institute of Petroleum, London), in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice (show the label where possible).

First-aid measures after inhalation : If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position

comfortable for breathing. Allow the victim to rest.

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.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness

persists.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after skin contact : Prolonged or repeated contact may cause skin to become dry or cracked.

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 : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Burning produces irritating, toxic and noxious fumes.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire fighting water from entering the environment.

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Protection during firefighting : Do not enter fire area

: Do not enter fire area without proper protective equipment, including respiratory protection. Wear a self contained breathing apparatus. Wear fire/flame resistant/retardant clothing.

EN469.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid all eye and skin contact and do not breathe vapour and mist.

6.1.1. For non-emergency personnel

Protective equipment : Refer to section 8.2.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Refer to section 8.2. Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

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 : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On

land, sweep or shovel into suitable containers. Collect spillage.

6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid all eye and skin contact and do not breathe vapour and mist.

Hygiene measures : Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use. Keep only in the original container in a cool well

ventilated place.

Incompatible products : Strong bases. Strong acids. Strong oxidizers.

7.3. Specific end use(s)

Lubricant.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. National occupational exposure and biological limit values

Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (64742-54-7)			
EU - Indicative Occupational Exposure Limit (IOEL)			
IOEL TWA 5 mg/m³ 8-h (inhalable)			
Mineral oil (DMSO <3%) (mixture)			
EU - Indicative Occupational Exposure Limit (IOEL)	EU - Indicative Occupational Exposure Limit (IOEL)		
OEL TWA 5 mg/m³ 8 h			
Ireland - Occupational Exposure Limits			
OEL (8 hours ref) (mg/m³) 5 mg/m³ 8 h			

8.1.2. Recommended monitoring procedures

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No data available

8.1.3. Air contaminants formed

No data available

8.1.4. DNEL and PNEC

No data available

8.1.5. Control banding

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Avoid splashing. Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

8.2.2.1. Eye and face protection

Eye protection:

In case of splashing or aerosol production: protective goggles. EN166

8.2.2.2. Skin protection

Skin and body protection:

Long sleeved protective clothing

Hand protection:

Wear suitable gloves. nitrile rubber gloves. EN374

8.2.2.3. Respiratory protection

Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Approved respirator. EN 12083

8.2.2.4. Thermal hazards

No data available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Prevent contaminated water run-off. Prevent leakage or spillage.

Other information:

Decomposition temperature

Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid Colour Various colours. Odour Not available Odour threshold Not available Melting point Not available Freezing point Not available Not available Boiling point Flammability Not available **Explosive limits** Not available Lower explosion limit Not available Upper explosive limit (UEL) Not available Flash point : Not available : Not available Auto-ignition temperature

: Not available

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Hq : Not available Viscosity, kinematic > 20 mm²/s @ 40 C Solubility Not available Log Kow : Not available Vapour pressure : Not available Vapour pressure at 50 °C : Not available Density : Not available : Not available Relative density Relative vapour density at 20 °C : Not available Particle size : Not applicable Particle size distribution : Not applicable Particle shape : Not applicable Particle aspect ratio : Not applicable Particle aggregation state : Not applicable Particle agglomeration state : Not applicable Particle specific surface area : Not applicable Particle dustiness : Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No data available

9.2.2. Other safety characteristics

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

10.6. Hazardous decomposition products

None under normal use.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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 bodyweight	
LD50 Dermal rat	> 2000 mg/kg	
LC50 Inhalation rat (dust/mist)	> 5.2 mg/l/4h	
Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (64742-54-7)		
LD50 Oral rat	> 5000 mg/kg	
LD50 Dermal rabbit	> 2000 mg/kg	

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Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (64742-54-7)			
LC50 Inhalation rat	> 5.53 mg/l/4h		
stillates (petroleum), hydrotreated light paraffinic (DMSO <3%) (64742-55-8)			
LD50 Oral rat	> 5000 mg/kg bodyweight		
LD50 Dermal rabbit	> 2000 mg/kg bodyweight		
LC50 Inhalation rat	> 10.5 mg/l/4h		
Distillates (petroleum), solvent-dewaxed heavy para	Distillates (petroleum), solvent-dewaxed heavy paraffinic (DMSO < 3%) (64742-65-0)		
LD50 Oral rat	> 5000 mg/kg		
LD50 Dermal rabbit	> 2000 mg/kg		
Mineral oil (DMSO <3%) (mixture)			
LD50 Oral rat	> 5000 mg/kg		
LD50 Dermal rabbit	> 5000 mg/kg		
LC50 Inhalation rat	> 5000 mg/m³ 4 h		
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, a	zinc salts (68649-42-3)		
LD50 Oral rat	26100 mg/kg		
1-(tert-Dodecylthio)propan-2-ol (67124-09-8)			
LD50 Oral rat	> 5000 mg/kg		
LD50 Dermal rabbit	> 2000 mg/kg		
1,2-Propanediol, 3-amino, N,N-dicoco alkyl derivs.			
LD50 Oral rat	> 2500 mg/kg		
LD50 Dermal rat	> 2000 mg/kg		
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene (68411-46-1)			
LD50 Oral rat	> 5000 mg/kg		
LD50 Dermal rat	> 2000 mg/kg		
Benzenamine, N-phenyl-, reaction products with iso	obutylene and ,4,4-trimethylpentene (184378-08-3)		
LD50 Oral rat	> 5000 mg/kg		
LD50 Dermal rat	> 2000 mg/kg		
Benzenesulfonic acid, propenated, calcium salt, over	erbased (68610-84-4)		
LD50 Oral rat	> 5000 mg/kg		
LD50 Dermal rat	> 5000 mg/kg bodyweight		
LC50 Inhalation rat	> 1.9 mg/l/4h read-across Sulfonic acids, petroleum, calcium salts, overbased		
C14-16-18 Alkyl phenol			
LD50 Oral rat	> 2000 mg/kg		
LD50 Dermal rat	> 2000 mg/kg		
Lubricating oils (petroleum), C20-50, hydrotreated r	neutral oil-based (DMSO < 3%) (72623-87-1)		
LD50 Oral rat	> 5000 mg/kg bodyweight		
LD50 Dermal rabbit	> 2000 mg/kg bodyweight		

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Lubricating oils, petroleum, hydrotreated spent (64742-58-1)			
LD50 Oral rat	> 5000 mg/kg		
LD50 Dermal rat	> 2000 mg/kg		
LD50 Dermal rabbit	> 4480 mg/kg		
LC50 Inhalation rat	2.18 mg/l		
N,N-bis(2-ethylhexyl)-ar-methyl-1H-benzotriaozle-1-	methanamine (94270-86-7)		
LD50 Oral rat	3313 mg/kg		
LD50 Dermal rat	> 2000 mg/kg		
Oxymolybdenum di-2-ethylhexyl phos-phorodithioa	nte, sulfurized (72030-25-2)		
LD50 Oral rat	6.81 ml/kg		
LD50 Dermal rabbit	10 ml/kg		
Residual oils (petroleum), solvent refined (DMSO <3	Residual oils (petroleum), solvent refined (DMSO <3%) (64742-01-4)		
LD50 Oral rat	> 5000 mg/kg		
LD50 Dermal rabbit	> 5000 mg/kg		
LC50 Inhalation rat	> 20 mg/l		

Decamethylcyclopentasiloxane (D5) (541-02-6)	
LD50 Oral rat	> 5000 mg/kg
LD50 Dermal rabbit	> 2000 mg/kg
LC50 Inhalation rat	8.67 mg/l/4h
Unknown acute toxicity (CLP: Classification,	: 0.78% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
Labelling, Packaging.) - SDS	0.78% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
	0.78% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

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Viscosity, kinematic	> 20 mm²/s @ 40 C

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

Unknown hazards to the aquatic environment (CLP) : Contains 4.63 % of components with unknown hazards to the aquatic environment

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Hazardous to the aquatic environment, short-term : Not classified (Based on available data, the classification criteria are not met) (acute)

Hazardous to the aquatic environment, long-term : Not classified. (Based on available data, the classification criteria are not met)

(chronic)

chronic)		
1-Decene, homopolymer, hydrogenated (68037-01-4)		
LC50 fish 1	> 750 mg/l	
EC50 crustacea	190 mg/l	
NOEC (acute)	1000 mg/l	
Dibutyl phosphite (1809-19-4)		
LC50 fish 1	63.4 mg/l 96 h	
EC50 crustacea	20.8 mg/l 48 h	
EC50 72h - Algae [1]	14.4 mg/l 72 h	
Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (64742-54-7)		
EC50 crustacea	> 10000 mg/l	
Distillates (petroleum), hydrotreated light paraffinic	(DMSO <3%) (64742-55-8)	
LC50 fish 1	> 100 mg/l	
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)		
LC50 fish 1	10 (10 – 35) mg/l Pimephales promelas OECD GDL 203 (water accomodated fraction)	
EC50 crustacea	1 (1 – 1.5) mg/l OECD GDL 202 (water accomodated fraction)	
NOEC (acute)	10 mg/l Pimephales promelas OECD GDL 203 (water accomodated fraction)	
NOEC chronic crustacea	< 1 mg/l	
1-(tert-Dodecylthio)propan-2-ol (67124-09-8)		
EC50 crustacea	0.75 mg/l 48 h	
EC50 - Crustacea [2]	1.3 mg/l 24 h	
NOEC (acute)	0.56 mg/l 48 h Daphnia	
1,2-Propanediol, 3-amino, N,N-dicoco alkyl derivs.		
LC50 fish 1	> 100 mg/l 96 h	
EC50 crustacea	230 mg/l 48 h	
Benzenamine, N-phenyl-, reaction products with iso	obutylene and ,4,4-trimethylpentene (184378-08-3)	
LC50 fish 1	> 100 mg/l 96 h	
EC50 crustacea	51 mg/l 48 h	
EC50 other aquatic organisms 1	> 100 mg/l 72 h Algae	
C14-16-18 Alkyl phenol		
LC50 fish 1	> 100 mg/l 96 h	
EC50 crustacea	> 100 mg/l 48 h	
Lubricating oils (petroleum), C20-50, hydrotreated r	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (DMSO < 3%) (72623-87-1)	
LC50 fish 1	> 100 mg/l	
EC50 crustacea	> 10000 mg/l	

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Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (DMSO < 3%) (72623-87-1)		
ErC50 algae	≥ 100 mg/l	
NOEC (acute)	> 100 mg/kg	
Lubricating oils, petroleum, hydrotreated spent (64	742-58-1)	
LC50 fish 1	3.2 – 79.6 mg/l	
N,N-bis(2-ethylhexyl)-ar-methyl-1H-benzotriaozle-1-methanamine (94270-86-7)		
LC50 fish 1	1.3 mg/l 96 h	
EC50 crustacea	2.05 mg/l 48 h	
EC50 other aquatic organisms 1	0.976 mg/l 72 h	
Oxymolybdenum di-2-ethylhexyl phos-phorodithioate, sulfurized (72030-25-2)		
LC50 fish 1	100 mg/l 96 h	
EC50 crustacea	100 mg/l 48 h	
EC50 72h - Algae [1]	100 mg/l 72 h	
Decamethylcyclopentasiloxane (D5) (541-02-6)		
LC50 fish 1	> 16 µg/l 96 h	
EC50 crustacea	> 2.9 μg/l 48 h	

12.2. Persistence and degradability

12.2. Persistence and degradability		
1-Decene, homopolymer, hydrogenated (68037-01-4)		
Persistence and degradability	Readily biodegradable.	
Distillates (petroleum), hydrotreated light paraffinic (DMSO <3%) (64742-55-8)		
Persistence and degradability	Not readily biodegradable.	
Distillates (petroleum), solvent-dewaxed heavy paraffinic (DMSO < 3%) (64742-65-0)		
Persistence and degradability	Not established.	
1-(tert-Dodecylthio)propan-2-ol (67124-09-8)		
Biodegradation	5.9 % 28 d	
1,2-Propanediol, 3-amino, N,N-dicoco alkyl derivs.		
Biodegradation	11 % 28 d	
Benzenamine, N-phenyl-, reaction products with isobutylene and ,4,4-trimethylpentene (184378-08-3)		
Persistence and degradability	Not readily biodegradable.	
Benzenesulfonic acid, propenated, calcium salt, overbased (68610-84-4)		
Persistence and degradability	Not readily biodegradable.	
C14-16-18 Alkyl phenol		
Persistence and degradability	Not readily biodegradable.	
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (DMSO < 3%) (72623-87-1)		
Persistence and degradability	Not readily biodegradable.	
Biodegradation	2 – 4 %	

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Oxymolybdenum di-2-ethylhexyl phos-phorodithioate, sulfurized (72030-25-2)	
Persistence and degradability	Not readily biodegradable.
Biodegradation	11 % 28 d

12.3. Bioaccumulative potential

1-Decene, homopolymer, hydrogenated (68037-01-4)		
Bioaccumulative potential	Not expected to bioaccumulate.	
Distillates (petroleum), solvent-dewaxed heavy paraffinic (DMSO < 3%) (64742-65-0)		
Bioaccumulative potential	Not established.	
1-(tert-Dodecylthio)propan-2-ol (67124-09-8)		
Log Pow	4.72 – 6.51	
Benzenamine, N-phenyl-, reaction products with isobutylene and ,4,4-trimethylpentene (184378-08-3)		
Log Pow	3.5	
Bioaccumulative potential	Not expected to bioaccumulate.	
Benzenesulfonic acid, propenated, calcium salt, overbased (68610-84-4)		
BCF fish 1	0.001 mg/l	
BCF fish 2	0.01 mg/l	
Log Kow	5.7 – 5.8	
C14-16-18 Alkyl phenol		
Log Pow	> 7.2	

12.4. Mobility in soil

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (DMSO < 3%) (72623-87-1)	
Mobility in soil	22 %

12.5. Results of PBT and vPvB assessment

Component	
Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%) (64742-54-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (DMSO < 3%) (72623-87-1)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

Other adverse effects : Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Sewage disposal recommendations : Do not dispose of waste into sewer.

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

European List of Waste (LoW) code : For disposal within the EC, the appropriate code according to the European Waste

Catalogue (EWC) should be used.

SECTION 14: Transport information

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

14.1. UN number or ID number

UN-No. (ADR) : Not regulated.
UN-No. (IMDG) : Not regulated.
UN-No. (IATA) : Not regulated.
UN-No. (ADN) : Not regulated.
UN-No. (RID) : Not regulated.

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not regulated.
Proper Shipping Name (IMDG) : Not regulated.
Proper Shipping Name (IATA) : Not regulated.
Proper Shipping Name (ADN) : Not regulated.
Proper Shipping Name (RID) : Not regulated.

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not regulated.

IMDG

Transport hazard class(es) (IMDG) : Not regulated.

IATA

Transport hazard class(es) (IATA) : Not regulated.

ADN

Transport hazard class(es) (ADN) : Not regulated.

RID

Transport hazard class(es) (RID) : Not regulated.

14.4. Packing group

Packing group (ADR): Not regulated.Packing group (IMDG): Not regulated.Packing group (IATA): Not regulated.Packing group (ADN): Not regulated.Packing group (RID): Not regulated.

14.5. Environmental hazards

Dangerous for the environment : No Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

Not regulated.

Transport by sea

Not regulated.

Air transport

Not regulated.

Inland waterway transport

Not regulated.

Rail transport

Not regulated.

14.7. Maritime transport in bulk according to IMO instruments

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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

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(c)	Lucas High Performance Synthetic SAE 10W-40 Motorcycle Oil With Moly, Lucas High Performance Synthetic Fork Oil Extra Heavy (20 wt), Lucas Synthetic SAE 50 Transmission Oil, Lucas Automatic Transmission Fluid Conditioner, L.O.P. Super Lube Fully Synthetic 5w-30 C2 Motor Oil, L.O.P. Super Lube Fully Synthetic 5w-30 C3 Motor Oil, L.O.P. Super Lube Fully Synthetic 5w-30 FORD-D Motor Oil, L.O.P. Super Lube Fully Synthetic 5w-30 GM Motor Oil, L.O.P. Super Lube Fully Synthetic 5w-30 VAG Motor Oil, L.O.P. Super Lube Fully Synthetic 5w-40 PD Motor Oil, Lucas Synthetic Multi-Vehicle CVT Fluid, Lucas Universal Hydraulic & Transmission Fluid; bis(nonylphenyl)amine; Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts; benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, C7-9-branched alkyl esters; Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts; Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts; 1-(tert-Dodecylthio)propan-2-ol; 1,2-Propanediol, 3-amino, N,N-dicoco alkyl derivs.; C14-16-18 Alkyl phenol; Benzenamine, N-phenyl-, reaction products with isobutylene and ,4,4-trimethylpentene; Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene; Benzenasulfonic acid, propenated, calcium salt, overbased; N,N-bis(2-ethylhexyl)-ar-methyl-1H-benzotriaozle-1-methanamine; Zinc bis[O(6-methylheptyl)] bis[O-(sec-butyl)]bis(dithiophosphate)-; Thiophene, tetrahydro-, 1,1-dioxide, 3-(C9-11-isoalkyloxy) derivs., C10-rich; Oxymolybdenum di-2-ethylhexyl phos-phorodithioate, sulfurized	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1
3(b)	1-Decene, homopolymer, hydrogenated; Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs., borated; Dibutyl phosphite; Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts; Distillates (petroleum), solvent-dewaxed heavy paraffinic (DMSO < 3%); Distillates (petroleum), hydrotreated heavy paraffinic (DMSO < 3%); Distillates (petroleum), hydrotreated light paraffinic (DMSO <3%); Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts; Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters, zinc salts; Acetamide, 2-hydroxy-, N,N-dicoco alkyl derivs.; 1-(tert-Dodecylthio)propan-2-ol; 1,2-Propanediol, 3-amino, N,N-dicoco alkyl derivs.; C14-16-18 Alkyl phenol; Distillates (petroleum), solvent-refined light paraffinic (DMSO < 3%); Phosphoric acid, mono- and di-C6-10-alkyl esters; Benzenesulfonic acid, propenated, calcium salt, overbased; Naphtha (petroleum), hydrotreated heavy (benzene < 0.1%); Lubricating oils, petroleum, hydrotreated spent; Residual oils (petroleum), solvent refined (DMSO < 3%); N,N-bis(2-ethylhexyl)-ar-methyl-1H-benzotriaozle-1-methanamine; Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based (DMSO < 3%); Zinc bis[O(6-methylheptyl)] bis[O-(sec-butyl)]bis(dithiophosphate)-; Amines, C12-14-alkyl, C6-10-alkyl phosphates; Oxymolybdenum di-2-ethylhexyl phosphorodithioate, sulfurized; Secondary alcohol ethoxylate	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10

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EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(a)	Naphtha (petroleum), hydrotreated heavy (benzene < 0.1%)	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
40.	Naphtha (petroleum), hydrotreated heavy (benzene < 0.1%)	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

Lucas Slick Mist Speed Wax: Contains substance on the REACH candidate list in concentration ≥ 0.1% or with a lower specific limit:

Decamethylcyclopentasiloxane (EC 208-764-9, CAS 541-02-6)

Contains no REACH Annex XIV substances

Substances 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: Diphenylamine (122-39-4)

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 data available

15.2. Chemical safety assessment

No data available

SECTION 16: Other information

Full text of H- and EUH-statements	
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) 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
Aquatic Chronic 4	Hazardous to the aquatic environment – Chronic Hazard, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
EUH208	Contains May produce an allergic reaction.
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2

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Full text of H- and EUH-statements	
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
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.
H413	May cause long lasting harmful effects to aquatic life.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B

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.