

## Safety Data Sheet

### FOSSER Garant 15W40

Revision date: 24.02.2020

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

##### 1.1. Product identifier

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

###### Use of the substance/mixture

Engine oil

###### Uses advised against

No information available.

##### 1.3. Details of the supplier of the safety data sheet

Duran Lubricants & Chemicals GmbH  
Street: Rodderheide 3-7  
Place: D-33824 Werther  
Telephone: +49 (0)5203-901510 Telefax: +49 (0)5203-901515  
E-Mail: info@durand-oil.com  
Internet: www.fosser.de

**1.4. Emergency Telephone number:** Giftinformationszentrum Nord (Göttingen) - +49(0)551/19240

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

##### 2.2. Label elements

###### Regulation (EC) No. 1272/2008

###### Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

##### 2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII. This mixture contains no substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH.

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

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#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic			15-<20 %
	265-159-2		01-2119480132-48	
	Asp. Tox. 1; H304			
64742-55-8	Baseoil - unspecified, Distillates (petroleum), hydrotreated light paraffinic			1-<5 %
	265-158-7	649-468-00-3	01-2119487077-29	
	Asp. Tox. 1; H304			

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

#### Further Information

Note L : The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO 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. This note applies only to certain complex oil-derived substances in Part 3.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

##### After inhalation

Provide fresh air. In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

##### After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.  
After contact with skin, wash immediately with plenty of water and soap.  
In case of skin irritation, consult a physician.

##### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

##### After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Let water be drunken in little sips (dilution effect).  
Never give anything by mouth to an unconscious person or a person with cramps. When in doubt or if symptoms are observed, get medical advice.

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

May be harmful if swallowed and enters airways.

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

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#### **Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings. Sand Foam. Carbon dioxide (CO<sub>2</sub>). Extinguishing powder In case of major fire and large quantities: Water spray jet, Water mist

#### **Unsuitable extinguishing media**

Full water jet

#### **5.2. Special hazards arising from the substance or mixture**

Non-flammable. Burning produces heavy smoke.

In case of fire may be liberated: Sulphur dioxide (SO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>), Carbon dioxide (CO<sub>2</sub>).

#### **5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

#### **Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### **SECTION 6: Accidental release measures**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protection equipment. Ventilate affected area. Special danger of slipping by leaking/spilling product.

#### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into soil/subsoil.

#### **6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated articles and floor according to the environmental legislation.

#### **6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

### **SECTION 7: Handling and storage**

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

Avoid formation of oil dust. Wear suitable protective clothing.

##### **Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.

Fire class B

##### **Further information on handling**

Do not breathe gas/fumes/vapour/spray. Avoid contact with eyes and skin.

#### **7.2. Conditions for safe storage, including any incompatibilities**

##### **Requirements for storage rooms and vessels**

Keep container tightly closed. Keep container tightly closed in a cool, well-ventilated place. Only use containers specifically approved for the substance/product.

##### **Hints on joint storage**

Do not store together with: Explosives Radioactive substances Infectious substances

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#### Further information on storage conditions

Temperature control required. Protect from light. Keep container tightly closed.

#### 7.3. Specific end use(s)

Engine oil

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### DNEL/DMEL values

CAS No	Substance			
DNEL type	Exposure route	Effect	Value	
64742-55-8	Baseoil - unspecified, Distillates (petroleum), hydrotreated light paraffinic			
Worker DNEL, long-term	inhalation	local	5,4 mg/m <sup>3</sup>	
Consumer DNEL, long-term	inhalation	local	1,2 mg/m <sup>3</sup>	

##### PNEC values

CAS No	Substance		
Environmental compartment	Value		
64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic		
Secondary poisoning	9,33 mg/kg		

#### Additional advice on limit values

To date, no national critical limit values exist.

#### 8.2. Exposure controls



##### Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

##### Eye/face protection

Wear eye protection/face protection.

##### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

##### Skin protection

Wear suitable protective clothing.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

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#### SECTION 9: Physical and chemical properties

##### 9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	clear
Odour:	characteristic

##### Test method

pH-Value: not determined

##### Changes in the physical state

Melting point: not determined

Initial boiling point and boiling range: not determined

Sublimation point: No information available.

Softening point: No information available.

Pour point: -30 °C ASTM D 5985

Flash point: 232 °C ISO 2592

Sustaining combustion: No data available

##### Flammability

Solid: not applicable

Gas: not applicable

##### Explosive properties

none

Lower explosion limits: not determined

Upper explosion limits: not determined

Ignition temperature: No information available.

##### Auto-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

##### Oxidizing properties

Not oxidising.

Vapour pressure: not determined

Vapour pressure: No information available.

Density (at 15 °C): 0,88 g/cm<sup>3</sup> DIN 51757

Bulk density: No information available.

Water solubility: Immiscible

##### Solubility in other solvents

not determined

Partition coefficient: not determined

Viscosity / dynamic: No information available.

Viscosity / kinematic: 96,8 mm<sup>2</sup>/s DIN EN ISO 3104  
(at 40 °C)

Flow time: No information available.

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Vapour density:	not determined
Evaporation rate:	not determined
Solvent separation test:	No information available.
Solvent content:	No information available.

#### **9.2. Other information**

Solid content:	not determined
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### **SECTION 10: Stability and reactivity**

#### **10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

#### **10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

#### **10.3. Possibility of hazardous reactions**

No known hazardous reactions.

#### **10.4. Conditions to avoid**

none

#### **10.5. Incompatible materials**

Oxidising agent, strong

#### **10.6. Hazardous decomposition products**

No known hazardous decomposition products.

### **SECTION 11: Toxicological information**

#### **11.1. Information on toxicological effects**

##### **Acute toxicity**

Based on available data, the classification criteria are not met.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic				
	oral	LD50 >5000 mg/kg	Rat		
	dermal	LD50 >5000 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 >5,53 mg/l	Rat		
64742-55-8	Baseoil - unspecified, Distillates (petroleum), hydrotreated light paraffinic				
	oral	LD50 >5000 mg/kg	Rat	OECD 420	
	dermal	LD50 >5000 mg/kg	Rabbit	OECD 402	
	inhalation (4 h) vapour	LC50 >5 mg/l	Rat	OECD 403	

##### **Irritation and corrosivity**

Based on available data, the classification criteria are not met.

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#### Sensitising effects

Based on available data, the classification criteria are not met.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### Additional information on tests

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

### SECTION 12: Ecological information

#### 12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic					
	Acute fish toxicity	LC50 mg/l	>100	96 h	Pimephales promelas (fathead minnow)	
	Acute algae toxicity	ErC50 mg/l	>100	72 h	Pseudokirchneriella subcapitata	
	Acute crustacea toxicity	EC50 mg/l	>10000	48 h	Daphnia magna (Big water flea)	
	Crustacea toxicity	NOEC	10 mg/l	21 d	Daphnia magna (Big water flea)	

#### 12.2. Persistence and degradability

The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic			
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	2-4%	28	
	Not readily biodegradable (according to OECD criteria)			

#### 12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

#### 12.4. Mobility in soil

The product has not been tested.

#### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

#### 12.6. Other adverse effects

No information available.

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#### Further information

Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

##### Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

##### 14.1. UN number:

No dangerous good in sense of this transport regulation.

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

##### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

##### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

#### Inland waterways transport (ADN)

##### 14.1. UN number:

No dangerous good in sense of this transport regulation.

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

##### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

##### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

##### 14.1. UN number:

No dangerous good in sense of this transport regulation.

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

##### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

##### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

#### Air transport (ICAO-TI/IATA-DGR)

##### 14.1. UN number:

No dangerous good in sense of this transport regulation.

##### 14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

##### 14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

##### 14.4. Packing group:

No dangerous good in sense of this transport regulation.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

#### 14.6. Special precautions for user

No 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

##### EU regulatory information



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Restrictions on use (REACH, annex XVII):

Entry 28: Distillates (petroleum), solvent-dewaxed light paraffinic

Information according to 2012/18/EU      Not subject to 2012/18/EU (SEVESO III)  
(SEVESO III):

#### Additional information

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP]. Observe in addition any national regulations!

#### National regulatory information

Water contaminating class (D):                      1 - slightly water contaminating

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### Changes

This data sheet contains changes from the previous version in section(s): 1,2,3,4,5,6,7,9,11,12,13,14,15,16.

#### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

#### Relevant H and EUH statements (number and full text)

H304                      May be fatal if swallowed and enters airways.

EUH210                      Safety data sheet available on request.

#### 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.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*