

# Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Revision 23.06.2021 (GB) Version 1.2

GEAR LSL 75W-90

383xxx



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

### 1.1. Product identifier

Name of product

GEAR LSL 75W-90  
Art-Nr 383xxx  
UFI: WW11-1043-A001-6NA3

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

Identified uses

Product categories [PC]

PC24 - Lubricants, greases, release products

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

Manufacturer/distributor

EUROLUB GmbH  
Freisingerstraße 25-27, D-85386 Eching b. München  
Phone +49 8165 9591-0, Fax +49 8165 9591-210  
E-Mail info@eurolub.com  
Internet www.eurolub.com

### 1.4. Emergency telephone number

Emergency advice

Phone +49 8165 9591-0  
This number is only available at office times.

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
--------------------------------------	-------------------	--------------------------

Eye Irrit. 2	H319	
Skin Sens. 1A	H317	
Aquatic Chronic 3	H412	

#### Hazard statements for health hazards

H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.

#### Hazard statements for environmental hazards

H412	Harmful to aquatic life with long lasting effects.
------	--

### 2.2. Label elements

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



GHS07

Signal word

Warning

Hazard statements for health hazards

H317	May cause an allergic skin reaction.
------	--------------------------------------

# Safety Data Sheet according to Regulation (EC)

## No. 1907/2006 (REACH)

Revision 23.06.2021 (GB) Version 1.2

### GEAR LSL 75W-90

383xxx



H319 Causes serious eye irritation.

#### Hazard statements for environmental hazards

H412 Harmful to aquatic life with long lasting effects.

#### Precautionary Statements

##### General

P102 Keep out of reach of children.

##### Prevention

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

##### Response

P302 + P352 IF ON SKIN: Wash with plenty of water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

##### Disposal

P501 Dispose of contents / container in accordance with local regulations.

#### Hazardous ingredients for labelling

Penten, 2,4,4-trimethyl-, geschwefelt, Reaktionsprodukte von bis(2-methylpentan-2-yl)dithiophosphorsäure mit Phosphoroxid, Propylenoxid und amine, C12-14 Alkyl (verzweigt)

#### 2.3. Other hazards

##### Results of PBT and vPvB assessment

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

## SECTION 3: Composition/ information on ingredients

### 3.1. Substances

not applicable

### 3.2. Mixtures

#### Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
	273-103-3	Penten, 2,4,4-trimethyl-, geschwefelt	1 - 5	Skin Sens. 1, H317 / Aquatic Chronic 4, H413
	9313-384-	Reaktionsprodukte von bis(2-methylpentan-2-yl)dithiophosphorsäure mit Phosphoroxid, Propylenoxid und amine, C12-14 Alkyl (verzweigt)	1 - 5	Flam. Liq. 3, H226 / Acute Tox.4, H302 / Eye Dam. 1, H318 / Skin Sens. 1, H317 / Aquatic Chronic 2, H411

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the event of persistent symptoms receive medical treatment.

#### In case of inhalation

In case of inhalation remove the casualty into fresh air and seek medical advice.

#### In case of skin contact

In case of contact with skin wash off with soap and water.

#### In case of eye contact

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Revision 23.06.2021 (GB) Version 1.2

GEAR LSL 75W-90

383xxx



---

### In case of ingestion

Do not induce vomiting.

If swallowed seek medical advice immediately and show the doctor packing or label.

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

#### Physician's information / possible symptoms

No information available.

#### Physician's information / possible dangers

No data available

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

#### Treatment (Advice to doctor)

Treat symptoms.

---

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Foam

Dry fire-extinguishing substance

Carbon dioxide

Water spray jet

#### Unsuitable extinguishing media

Full water jet

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

In fires, hazardous combustion gases are formed:

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Wear full protective clothing.

#### Additional information

Collect contaminated firefighting water separately, must not be discharged into the drains.

---

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Ensure adequate ventilation.

#### For emergency responders

Use personal protective clothing.

### 6.2. Environmental precautions

Collect contaminated water / firefighting water separately.

Do not discharge into the drains/surface waters/groundwater.

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

Take up with absorbent material (e.g. oil binder).

After taking up the material dispose according to regulation.

## Safety Data Sheet according to Regulation (EC)

### No. 1907/2006 (REACH)

Revision 23.06.2021 (GB) Version 1.2

### GEAR LSL 75W-90

383xxx



---

#### Additional Information

Informations for disposal see chapter 13.

#### 6.4. Reference to other sections

Personal protection equipment: see section 8

---

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.

#### General protective measures

Avoid explosion - before application obtain special instructions.

#### Hygiene measures

Clean skin thoroughly after working.

At work do not eat, drink and smoke.

Remove soaked clothing immediately.

#### Advice on protection against fire and explosion

The product is combustible.

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

#### Advice on storage compatibility

No information available.

#### Further information on storage conditions

Keep container tightly closed and store at cool and aired place.

**Storage group** 10

**Fire class** B

### 7.3. Specific end use(s)

#### Recommendation(s) for intended use

See section 1.2

---

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

#### Respiratory protection

no

#### Hand protection

Gloves (oil-resistant)

#### Eye protection

safety goggles with side protection

#### Other protection measures

Oil-resistant protective clothing

#### Limitation and surveillance of the environment

Further information: see exposure scenarios attached to this safety data sheet.

#### Appropriate engineering controls

No information available.

---

**Safety Data Sheet according to Regulation (EC)****No. 1907/2006 (REACH)**

Revision 23.06.2021 (GB) Version 1.2

**GEAR LSL 75W-90**

383xxx

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Appearance**

liquid

**Colour**

brown

**Odour**

characteristic

**Odour threshold**

not determined

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value</b>	not determined				
<b>Boiling temperature / boiling range</b>	not determined				
<b>stock point</b>	-39 °C				
<b>Flash point</b>	180 °C			ASTM D 93	
<b>Vapourisation rate</b>	not determined				
<b>Flammable (solid)</b>	not determined				
<b>Flammability (gas)</b>	not determined				
<b>Ignition temperature</b>	not determined				
<b>Self ignition temperature</b>	not determined				
<b>Lower explosion limit</b>	not determined				
<b>Upper explosion limit</b>	not determined				
<b>Vapour pressure</b>	not determined				
<b>Relative density</b>	0,879 g/cm <sup>3</sup>	15 °C		DIN 51757	
<b>Vapour density</b>	not determined				
<b>Solubility in water</b>	not determined				
<b>Solubility/other</b>	not determined				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	not determined				
<b>Decomposition temperature</b>	not determined				
<b>Viscosity kinematic</b>	83 mm <sup>2</sup> /s	40 °C		DIN 51562	
<b>Viscosity kinematic</b>	14,8 mm <sup>2</sup> /s	100 °C		DIN 51562	

**Oxidising properties**

No information available.

## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Revision 23.06.2021 (GB) Version 1.2

GEAR LSL 75W-90

383xxx



### Explosive properties

No information available.

### 9.2. Other information

No information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

No information available.

### 10.3. Possibility of hazardous reactions

Reactions with oxidising agents.

### 10.4. Conditions to avoid

No information available.

### 10.5. Incompatible materials

#### Substances to avoid

No information available.

### 10.6. Hazardous decomposition products

No information available.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity/Irritation/Sensitization

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	> 5000 mg/kg	rat	OECD 420	
<b>LD50 acute dermal</b>	> 2000 mg/kg	rabbit	OECD 402	
<b>LC50 acute inhalation</b>	> 5,53 mg/l (4 h)	rat	OECD 403	
<b>Skin irritation</b>		not determined		
<b>Eye irritation</b>		not determined		
<b>Skin sensitization</b>		not determined		
<b>Sensitization respiratory system</b>		not determined		

#### Subacute Toxicity - Carcinogenicity

	Value	Species	Method	Validation
<b>Subacute Toxicity</b>	not determined			
<b>Subchronic Toxicity</b>	not determined			

## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Revision 23.06.2021 (GB) Version 1.2

GEAR LSL 75W-90

383xxx



	Value	Species	Method	Validation
<b>Chronic Toxicity</b>	not determined			
<b>Mutagenicity</b>	not determined			
<b>Reproduction-Toxicity</b>	not determined			
<b>Carcinogenicity</b>	not determined			
<b>Specific target organ toxicity (single exposure)</b>	not determined			
<b>Specific target organ toxicity (repeated exposure)</b>	not determined			
<b>Aspiration hazard</b>	not determined			

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicological effects

	Value	Species	Method	Validation
<b>Fish</b>	LC50 > 100 mg/l			
<b>Daphnia</b>	EC50 > 10000 mg/l			
<b>Algae</b>	EC50 > 100 mg/l (72 h)			

### 12.2. Persistence and degradability

	Elimination rate	Method of analysis	Method	Validation
<b>Physico-chemical degradability</b>			No information available.	
<b>Biological degradability</b>			No information available.	

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

No information available.

### 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.

## Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

Revision 23.06.2021 (GB) Version 1.2

GEAR LSL 75W-90

383xxx



### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Waste code No.**

13 02 05\*

**Name of waste**

mineral-based non-chlorinated engine, gear and lubricating oils

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

#### Recommendations for the product

Remove in accordance with local official regulations.

#### Recommendations for packaging

Totally emptied packaging may be taken for recycling.

### SECTION 14: Transport information

	ADR/RID	IMDG	IATA-DGR
14.1. UN number	-	-	-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
14.4. Packing group	-	-	-
14.5. Environmental hazards	-	-	-

#### 14.6. Special precautions for user

No information available.

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

#### Land and inland navigation transport ADR/RID

No dangerous goods as defined by these transport regulations.

#### Marine transport IMDG

No dangerous goods as defined by these transport regulations.

#### Air transport ICAO/IATA-DGR

No dangerous goods as defined by these transport regulations.

#### Transport/further information

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

### SECTION 15: Regulatory information

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

##### VOC standard

VOC content =0 %

VOC value 0 g/L



## Safety Data Sheet according to Regulation (EC)

### No. 1907/2006 (REACH)

Revision 23.06.2021 (GB) Version 1.2

### GEAR LSL 75W-90

383xxx



---

#### National regulations

**Water hazard class** 2 self-classification

**Decree for case of interference/ remarks** Accident decree, addendum II: not named.

#### 15.2. Chemical Safety Assessment

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

---

## SECTION 16: Other information

#### Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

#### Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Indication of changes: "!" = Data changed compared with the previous version. Previous version: 1.1

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.