

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**Chemical name/ trade name: **SPRINT SYNTEC 5W-30 LL**Producer: **OMA CZ, a.s**  
Address: **Borová 103, 47127, Stráž pod Ralskem,****1.2 Relevant identified uses of the substance or mixture and uses advised against**Intended use: Synthetic engine oil  
Uses advised against: The use should be limited to those listed above.**1.3 Details of the supplier of the safety data sheet**Supplier of SDS: OMA CZ, a.s.  
Address: Stráž pod Ralskem, 47127, Borová 103  
Identification No.: 25406761  
Tel: +420 487 851 016  
www: www.omacz.cz  
Responsible person for this SDS: OMA CZ, a.s., laborator@omacz.cz**1.4 Emergency telephone number**

Toxicology Information Centre, Na Bojišti 1, 120 00 Prague 2. Emergency telephone:+420 224 91 92 93 or +420 224 91 54 02, www.tis-cz.cz

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to the EC Regulation No. 1272/2008 (CLP):**  
The mixture is not classified as hazardous according to Regulation No. 1272/2008.**2.2 Label elements**Labelling according to Regulation (EC) No. 1272/2008 [CLP]:  
Hazard pictogram(s): None.  
Signal word(s): None.  
Hazard statement(s): None.  
Precautionary statement(s): None.  
Supplemental information: Contains: C14-16-18 Alkylphenol. May produce an allergic reaction.**2.3 Other hazards**This product does not contain any substances which are classified as PBT or vPvB in a concentration of 0.1% by weight or higher.  
This product does not contain SVHC in a concentration of 0.1% by weight or higher.  
This product does not contain endocrine disruptors in a concentration of 0.1% by weight or higher.**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

Name of the component	Content (weight %)	CAS EINECS Index N° Reg. Number	Classification according to Regulation (EC) No. 1272/2008 (CLP)
Distillates (petroleum), hydrotreated heavy paraffinic	26,3	64742-54-7 265-157-1 649-467-00-8 01-2119484627-25-0000	Note L

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according to Regulation No. 1907/2006 (REACH) and Commission Regulation (EU) 2020/878

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Bis(nonylphenyl)amine	0,4 - 1,62	36878-20-3 253-249-4  01-2119488911-28-0000	Aquatic Chronic 4	H413
Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts	0,48 - 0,81	84605-29-8 283-392-8	Aquatic Chronic 2 Eye Dam. 1 Skin Irrit. 2 *	H411 H318 H315
reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	0,16 - 0,4	125643-61-0 406-040-9 607-530-00-7	Aquatic Chronic 4	H413
C14-16-18 Alkyl phenol	0,01 - 0,16	931-468-2  01-2119498288-19-XXXX	STOT RE 2 Skin Sens. 1B	H373 H317
<p><i>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.</i></p> <p>Concentration limit - Skin Irrit. 2: 6.25% ≤ C ≤ 100%, Eye Dam. 1: 12.5% &lt; C ≤ 100%</p>				

For full text of H-statements see SECTION 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### 4.1.1 General advice:

In case of accident or if you feel unwell, seek medical advice immediately (show this MSDS or the label where possible).

##### 4.1.2 Inhalation:

Break Exposure. Remove victim to fresh air, keep calm and warm.

##### 4.1.3 Skin contact:

Remove contaminated clothing and footwear. Wash the affected skin with water and soap. If there is irritation, seek medical attention.

##### 4.1.4 Eye contact:

If the contact lenses are used, carefully remove them and start rinsing with clean water, the affected eye wide open, from the inner corner to the outside and also under the lid for at least 15 minutes. If problems persist, seek medical attention.

##### 4.1.5 Ingestion:

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person or if it has cramps.

##### 4.1.6 Protection of first aiders:

When providing first aid, it is essential to ensure both the rescue and the rescued safety.

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

No data available.

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

Do not induce vomiting. Never give anything by mouth to an unconscious person. If medical advice is sought, show the safety data sheet, label or packaging to the physician. Persons providing assistance in an area with an unknown concentration of vapours/mist should wear appropriate respiratory protection.

Notes to physician: Use symptomatic treatment.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media: Foam, extinguishing powder, CO<sub>2</sub>, water mist, sand.

Unsuitable extinguishing media: Direct water flow - could cause fire to spread.

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

Hazardous fumes may be formed during combustion.

#### 5.3 Advice for firefighters

Do not enter fire area without protective equipment, including self-contained breathing apparatus. Use water spray or fog to cool containers exposed to fire. Prevent firefighting water from escaping into the environment.

### SECTION 6: Accidental release measures

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

Wear suitable protective clothing, replace contaminated clothing. Avoid contact with skin and eyes, contamination of clothes and shoes. Ensure ventilation of the affected area. All persons who do not participate in rescue operations to a safe distance.

### 6.2 Environmental precautions

Prevent leakage into the environment, avoid ingress into surface water and sewers, soil and land. In case of leakage into the sewage system or water course, inform immediately its administrator, the police, the fire brigade or the environmental department.

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

In case of leakage, localize and, if possible, absorb / remove mechanically. Residues or smaller amounts sweep / get absorbed into a suitable absorbent (universal sorbent, diatomaceous earth, soil, sand) and place in suitable containers and labeled for disposal transmit in accordance with applicable regulations.

### 6.4 Reference to other sections

See section 7, 8 a 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Ensure adequate general ventilation. Avoid contact with eyes, skin or clothing. Avoid breathing mist/vapours. Keep unused containers tightly closed. Observe basic hygiene principles. Do not eat, drink or smoke when using this product. Wash hands with water after each use. Do not use contaminated clothing. Remove all contaminated clothing immediately and wash before reuse. WARNING: Dispose of contaminated clothing in a safe place away from heat and sources of ignition. Use personal protective equipment in accordance with the information given in section 8 of the safety data sheet.

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

Store only in tightly closed containers, in a cool and well-ventilated place. Store in a place with a non-absorbent substrate. The product can be stored in storage tanks in accordance with applicable regulations. Avoid direct sunlight, heat sources. Protect the product from contamination and waterlogging. Store the product at a safe distance from strong oxidants

Recommended storage temperature (°C): min. -20 ; max. 40

### 7.3 Specific end use(s)

See section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

8.1.1 Exposure limits: According to national legislation of target country.

Substance	CAS	Permissible exposure limits (mg/m <sup>3</sup> )	Maximum permissible concentration (mg/m <sup>3</sup> )	Note
No data available.				

#### Substances with Community Exposure Limits:

Substance	CAS	Limit values (mg/m <sup>3</sup> )		Note
		OEL	STEL	
No data available.				

### 8.1.2 DNEL

Distillates (petroleum), hydrotreated heavy paraffinic (CAS: 64742-54-7)

Exposed group and route of exposure	Duration of exposure	Type of effect	Unit	Value
<b>Workers</b>				
Inhalation	Long-term (chronic)	systemic	mg/m <sup>3</sup>	2.73
		local	mg/m <sup>3</sup>	5.58

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Dermal	Long-term (chronic)	systemic	mg/kg bw/d	0.97
<b>Consumers</b>				
Oral	Long-term (chronic)	systemic	mg/kg bw/d	0.74

### Bis(nonylphenyl)amine (CAS: 36878-20-3)

Exposed group and route of exposure	Duration of exposure	Type of effect	Unit	Value
<b>Workers</b>				
Dermal	Long-term (chronic)	systemic	mg/kg bw/d	5
<b>Consumers</b>				
Dermal	Long-term (chronic)	systemic	mg/kg bw/d	2.5
Oral	Long-term (chronic)	systemic	mg/kg bw/d	0.25

### Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts (CAS: 84605-29-8)

Exposed group and route of exposure	Duration of exposure	Type of effect	Unit	Value
<b>Workers</b>				
Inhalation	Long-term (chronic)	systemic	mg/m <sup>3</sup>	8.31
Dermal	Long-term (chronic)	systemic	mg/kg bw/d	12.1
<b>Consumers</b>				
Inhalation	Long-term (chronic)	systemic	mg/m <sup>3</sup>	2.11
Dermal	Long-term (chronic)	systemic	mg/kg bw/d	6.1
Oral	Long-term (chronic)	systemic	mg/kg bw/d	0.24

### reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (CAS: 125643-61-0)

Exposed group and route of exposure	Duration of exposure	Type of effect	Unit	Value
<b>Workers</b>				
Inhalation	Long-term (chronic)	systemic	mg/m <sup>3</sup>	6.6
Dermal	Long-term (chronic)	systemic	mg/kg bw/d	1.67
<b>Consumers</b>				
Inhalation	Long-term (chronic)	systemic	mg/m <sup>3</sup>	1.62
Dermal	Long-term (chronic)	systemic	mg/kg bw/d	0.83
Oral	Long-term (chronic)	systemic	mg/kg bw/d	0.93

### C14-16-18 Alkyl phenol (EINECS: 931-468-2)

Exposed group and route of exposure	Duration of exposure	Type of effect	Unit	Value
<b>Workers</b>				
Inhalation	Long-term (chronic)	systemic	mg/m <sup>3</sup>	1.17
Dermal	Long-term (chronic)	systemic	mg/kg bw/d	0.3
<b>Consumers</b>				

### PNEC

### Distillates (petroleum), hydrotreated heavy paraffinic (CAS: 64742-54-7)

Component of the environment	PNEC	Unit	Value
Food chain	PNEC <sub>oral</sub>	mg/kg food	9.33

### Bis(nonylphenyl)amine (CAS: 36878-20-3)

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Component of the environment		PNEC	Unit	Value
Water environment	Freshwater	PNEC <sub>water, fresh.</sub>	mg/L	0.1
	Freshwater, occasional leakage	PNEC <sub>water, fresh.</sub>	mg/L	1
	Freshwater sediment	PNEC <sub>sed., fresh.</sub>	mg/kg sediment dw	132000
	Seawater	PNEC <sub>water, mar.</sub>	mg/L	0.01
	Marine sediment	PNEC <sub>sed., mar.</sub>	mg/kg sediment dw	13200
Microbiological activity	Wastewater treatment plant	PNEC <sub>sew. treat.</sub>	mg/L	1
Terrestrial environment / organisms	Soil	PNEC <sub>soil</sub>	mg/kg soil dw	263000

### Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts (CAS: 84605-29-8)

Component of the environment		PNEC	Unit	Value
Water environment	Freshwater	PNEC <sub>water, fresh.</sub>	µg/L	4
	Freshwater, occasional leakage	PNEC <sub>water, fresh.</sub>	µg/L	45
	Freshwater sediment	PNEC <sub>sed., fresh.</sub>	mg/kg sediment dw	0.022
	Seawater	PNEC <sub>water, mar.</sub>	µg/L	4.6
	Marine sediment	PNEC <sub>sed., mar.</sub>	mg/kg sediment dw	0.002
Microbiological activity	Wastewater treatment plant	PNEC <sub>sew. treat.</sub>	mg/L	100
Terrestrial environment / organisms	Soil	PNEC <sub>soil</sub>	mg/kg soil dw	0.002
Food chain	Predators	PNEC <sub>oral.</sub>	mg/kg food	10.67

### reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (CAS: 125643-61-0)

Component of the environment		PNEC	Unit	Value
Water environment	Freshwater	PNEC <sub>water, fresh.</sub>	mg/L	0.018
	Freshwater, occasional leakage	PNEC <sub>water, fresh.</sub>	mg/L	0.018
	Freshwater sediment	PNEC <sub>sed., fresh.</sub>	mg/kg sediment dw	2
	Seawater	PNEC <sub>water, mar.</sub>	mg/L	0.002
	Marine sediment	PNEC <sub>sed., mar.</sub>	mg/kg sediment dw	0.2
Microbiological activity	Wastewater treatment plant	PNEC <sub>sew. treat.</sub>	mg/L	100
Terrestrial environment / organisms	Soil	PNEC <sub>soil</sub>	mg/kg soil dw	10
Food chain	Predators	PNEC <sub>oral.</sub>	mg/kg food	41.33

### C14-16-18 Alkyl phenol (EINECS: 931-468-2)

Component of the environment		PNEC	Unit	Value
Water environment	Freshwater	PNEC <sub>water, fresh.</sub>	mg/L	0.1
	Freshwater, occasional leakage	PNEC <sub>water, fresh.</sub>	mg/L	1
	Freshwater sediment	PNEC <sub>sed., fresh.</sub>	mg/kg sediment dw	4 266.16
	Seawater	PNEC <sub>water, mar.</sub>	mg/L	0.01
	Marine sediment	PNEC <sub>sed., mar.</sub>	mg/kg sediment dw	426.62
Microbiological activity	Wastewater treatment plant	PNEC <sub>sew. treat.</sub>	mg/L	100
Terrestrial environment / organisms	Soil	PNEC <sub>soil</sub>	mg/kg soil dw	852.58
Food chain	Predators	PNEC <sub>oral.</sub>	mg/kg food	3.3

#### 8.1.3 Biological limit values

Substance	CAS No:	Indicator	Limit Value
No data available.			

### 8.2 Exposure controls

#### 8.2.1 Technical measures

Technical measures and appropriate work procedures take precedence over personal protective equipment. Observe the usual hygiene principles. Do not eat, drink, smoke. Before breaks and after work wash your hands with warm water and soap.

#### 8.2.2 Individual protection measures

##### Respiratory protection:

If the exposure limits are exceeded, when using dust, fog, aerosol, use a suitable filter (type ABEK -EN 14387 - anti-gas and combined filters, type P - EN 143 - particle filters, type FFP3 / FFP2 - EN 149+A1 - Particle-based half masks; EN 142 - mouth masks).

##### Hand protection:

Protective working gloves (EN 374). Observe the manufacturer's exact instructions, including the time of use. Replace damaged gloves.

##### Eye / face protection:

Safety glasses with side-plates or facial shields (EN 166); eye and face protection for work use (EN ISO 16321).

##### Skin protection:

Working clothes (EN ISO 13688) and footwear (EN ISO 20347 and ISO 20345). Protective clothing against liquid chemicals (EN 14605+A1). Protective clothing against chemicals (EN ISO 13034+A1; 13982-1;943-1+A1).

#### 8.2.3 Thermal hazards:

No data available.

#### 8.2.4 Environmental exposure controls:

Avoid unnecessary releases into the environment.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Property	Value	Method	Note
Physical state:	Liquid (clear)		
Colour:	Amber to light brown		
Odour:	Weak, characteristic		
Odour threshold:	No data available.		
pH :	No data available.		
Freezing point (°C):	< -35		
Boiling point or initial boiling point and boiling range (°C):	No data available.		
Flash point (°C):	min. 200		
Evaporation rate:	No data available.		
Flammability (gases, liquids and solids):	No data available.		
Lower and upper explosion limit:	flammability of oil mist at a concentration of about 45 g/m <sup>3</sup>		
Vapour pressure (20 °C):	No data available.		
Vapour pressure (50 °C):	No data available.		
Relative vapour density:	No data available.		
Density and/or relative density (g/cm <sup>3</sup> , 20 °C):	0.852		
Solubility (20 °C):	Insoluble in water, soluble in hydrocarbons		
Partition coefficient n-octanol/water (log value):	No data available.		
Auto-ignition temperature (°C):	No data available.		
Decomposition temperature (°C):	No data available.		
Kinematic viscosity (mm <sup>2</sup> /s):	12,2 at 100 °C, 55 at 40 °C		
Refractive index (20 °C):	No data available.		
Oxidising properties:	No data available.		
Explosive properties:	No data available.		
Particle characteristics:	No data available.		

### 9.2 Other information

VOC (%): 0

Dry matter content: No data available.  
Additional information: No data available.

**9.2.1 Information with regard to physical hazard classes**

The product has no physical hazards.

**9.2.2 Other safety characteristics**

No data available.

### SECTION 10: Stability and reactivity

**10.1 Reactivity**

Not expected under proper conditions of use.

**10.2 Chemical stability**

Stable under normal conditions.

**10.3 Possibility of hazardous reactions**

Dangerous reactions are not known.

**10.4 Conditions to avoid**

Open flames, high temperatures, and other sources of ignition.

**10.5 Incompatible materials**

Strong oxidizing agents.

**10.6 Hazardous decomposition products**

Hazardous decomposition products are not known.

### SECTION 11: Toxicological information

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

Individual components:

Distillates (petroleum), hydrotreated heavy paraffinic (CAS: 64742-54-7)

Acute toxicity

Test type	Results	Exposure	Tested organisms
OECD 401, key study	> 5 000 mg/kg bw, LD50	oral: gavage	rat
OECD 402, key study	> 5 000 mg/kg bw, LD50	dermal	rabbit
OECD 403, key study	2.18 mg/L air	inhalation: aerosol	rat

Serious eye damage / irritation

Test type	Results	Exposure	Tested organisms
OECD 405, key study	not irritating	Eye	rabbit

Skin corrosion / irritation

Test type	Results	Exposure	Tested organisms
OECD 404, key study	study cannot be used for classification	Skin	rabbit

Respiratory or skin sensitisation

Test type	Results	Exposure	Tested organisms
OECD 406, key study	not sensitising	Skin	guinea pig

STOT - repeated exposure

Test type	Results	Exposure	Tested organisms
OECD 408, key study	125 mg/kg bw/day (nominal), NOAEL	oral	rat
OECD 412, key study	ca. 220 mg/m <sup>3</sup> air (analytical), NOEC > 980 mg/m <sup>3</sup> air (analytical), NOAEC	inhalation	rat

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OECD 410, key study	ca. 1 000 mg/kg bw/day, NOAEL	dermal	rabbit
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### Carcinogenicity

Test type	Results	Exposure	Tested organisms
OECD 453, key study	100 mg/kg bw/day, dose level: 75 microlitres per week (100 mg/kg/day)	dermal	mouse

### Germ cell mutagenicity

Test type	Results	Exposure	Tested organisms
OECD 474, key study	negative	oral gavage or intraperitoneal injection	mouse

### Reproductive toxicity

Test type	Results	Exposure	Tested organisms
OECD 421, key study	>= 1 000 mg/kg bw/day, NOAEL >= 1 000 mg/kg bw/day, NOAEL	oral: gavage	rat

### Bis(nonylphenyl)amine (CAS: 36878-20-3)

#### Acute toxicity

Test type	Results	Exposure	Tested organisms
OECD 401, key study	> 5 000 mg/kg bw, LD50	oral: gavage	rat

#### Serious eye damage / irritation

Test type	Results	Exposure	Tested organisms
OECD 405, key study	GHS criteria not met	Eye	rabbit

#### Skin corrosion / irritation

Test type	Results	Exposure	Tested organisms
OECD 404, key study	GHS criteria not met	Skin	rabbit

#### Respiratory or skin sensitisation

Test type	Results	Exposure	Tested organisms
OECD 406, key study	GHS criteria not met	Skin	guinea pig

#### STOT - repeated exposure

Test type	Results	Exposure	Tested organisms
OECD 408, key study	< 100 mg/kg bw/day (nominal), NOEL	oral	rat

#### Germ cell mutagenicity

Test type	Results	Exposure	Tested organisms
OECD 476, key study	negative	In vitro	Chinese hamster Ovary (CHO)

#### Reproductive toxicity

Test type	Results	Exposure	Tested organisms
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OECD 421, key study	500 ppm (analytical), NOEL 1 500 ppm, NOAEL 1 500 ppm, NOAEL 1 500 ppm 5 000 ppm 5 000 ppm	oral: feed	rat
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### Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts (CAS: 84605-29-8)

#### Acute toxicity

Test type	Results	Exposure	Tested organisms
OECD 401, key study	3.1 g/kg, LD50 3.2 g/kg, LD50	oral: gavage	rat
OECD 402, key study	> 2 002 mg/kg bw, LD50	dermal	rat
OECD 403, key study	> 2.3 mg/L air (nominal)	inhalation: vapour	rat

#### Serious eye damage / irritation

Test type	Results	Exposure	Tested organisms
key study	other: Category 1 at 25% concentration only; Category 2A at 12.5% and not classified at 10% or less	Eye	rabbit

#### Skin corrosion / irritation

Test type	Results	Exposure	Tested organisms
OECD 404, key study	Category 2	Skin	guinea pig

#### Respiratory or skin sensitisation

Test type	Results	Exposure	Tested organisms
OECD 406, key study	not sensitising	Skin	guinea pig

#### STOT - repeated exposure

Test type	Results	Exposure	Tested organisms
key study	40 mg/kg bw/day (actual dose received), NOEL 160 mg/kg bw/day (actual dose received), NOAEL	oral	

#### Germ cell mutagenicity

Test type	Results	Exposure	Tested organisms
OECD 474, key study	negative	intraperitoneal	mouse

#### Reproductive toxicity

Test type	Results	Exposure	Tested organisms
OECD 422, key study	40 mg/kg bw/day (actual dose received), NOEL 160 mg/kg bw/day (actual dose received), NOAEL 160 mg/kg bw/day (actual dose received), NOEL 160 mg/kg bw/day (actual dose received), NOEL	oral: gavage	rat

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reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (CAS: 125643-61-0)

### Acute toxicity

Test type	Results	Exposure	Tested organisms
OECD 423, weight of evidence	> 2 000 mg/kg bw, LD50	oral: gavage	rat
OECD 402, weight of evidence	> 2 000 mg/kg bw, LD50	dermal	rat

### Serious eye damage / irritation

Test type	Results	Exposure	Tested organisms
OECD 405, weight of evidence	other: not classified according to the EU Directive 67/548/EEC	Eye	rabbit

### Skin corrosion / irritation

Test type	Results	Exposure	Tested organisms
OECD 404, weight of evidence	other: not classified as irritant or corrosive according to the EU Directive 67/548/EEC.	Skin	rabbit

### Respiratory or skin sensitisation

Test type	Results	Exposure	Tested organisms
weight of evidence	not sensitising	Skin	guinea pig

### STOT - repeated exposure

Test type	Results	Exposure	Tested organisms
OECD 408, weight of evidence	2 500 ppm, NOAEL	oral	rat
key study	1 000 mg/kg bw/day, NOAEL 500 mg/kg bw/day, NOAEL	dermal	rat

### Carcinogenicity

Test type	Results	Exposure	Tested organisms
weight of evidence	other: , other:		

### Germ cell mutagenicity

Test type	Results	Exposure	Tested organisms
OECD 474, weight of evidence	negative	oral: gavage	mouse

### Reproductive toxicity

Test type	Results	Exposure	Tested organisms
key study	2 500 ppm (nominal), NOAEL 2 500 ppm, NOAEL	oral: feed	rat

### C14-16-18 Alkyl phenol (EINECS: 931-468-2)

#### Acute toxicity

Test type	Results	Exposure	Tested organisms
OECD 423, key study	> 2 000 mg/kg bw, LD50	oral: gavage	rat
OECD 402, key study	> 2 000 mg/kg bw, LD50	dermal	rat

#### Serious eye damage / irritation

Test type	Results	Exposure	Tested organisms
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OECD 405, key study	not irritating	Eye	rabbit
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### Skin corrosion / irritation

Test type	Results	Exposure	Tested organisms
OECD 431, key study	other: Not corrosive	Skin	other:

### Respiratory or skin sensitisation

Test type	Results	Exposure	Tested organisms
OECD 429, key study	Category 1B	Skin	mouse

### STOT - repeated exposure

Test type	Results	Exposure	Tested organisms
OECD 407, key study	30 mg/kg bw/day (actual dose received), NOEL 100 mg/kg bw/day (actual dose received), NOEL 100 mg/kg bw/day (actual dose received), NOEL	oral	rat

### Reproductive toxicity

Test type	Results	Exposure	Tested organisms
OECD 421, key study	25 mg/kg bw/day (actual dose received), NOEL 225 mg/kg bw/day (actual dose received), NOEL 225 mg/kg bw/day (actual dose received), NOEL	oral: gavage	rat

### Mixture:

Acute toxicity:	The product does not meet the criteria for classification.
Serious eye damage / irritation:	The product does not meet the criteria for classification.
Skin corrosion / irritation:	The product does not meet the criteria for classification.
Respiratory or skin sensitisation:	The product does not meet the criteria for classification.
STOT - single exposure:	The product does not meet the criteria for classification.
STOT - repeated exposure:	The product does not meet the criteria for classification.
Carcinogenicity:	The product does not meet the criteria for classification.
Germ cell mutagenicity:	The product does not meet the criteria for classification.
Reproductive toxicity:	The product does not meet the criteria for classification.
Aspiration hazard:	The product does not meet the criteria for classification.

### 11.2 Information on other hazards

#### Endocrine disrupting properties

This product does not contain endocrine disruptors in a concentration of 0.1% by weight or higher.

#### Other information

No data available.

## SECTION 12: Ecological information

### 12.1 Toxicity

The product does not meet the criteria for classification.

**Distillates (petroleum), hydrotreated heavy paraffinic (CAS: 64742-54-7)**

Toxicity	Tested organisms	Results	Test type
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Acute toxicity to fish	<i>Pimephales promelas</i>	> 100 mg/L, LL50 / 96 h ≥ 100 mg/L, NOEL: / 96 h	OECD 203
Acute toxicity to invertebrates	<i>Gammarus pulex</i>	> 10 000 mg/L, LL50 / 24 h > 10 000 mg/L, LL50 / 48 h > 10 000 mg/L, LL50 / 72 h > 10 000 mg/L, LL50 / 96 h ≥ 10 000 mg/L, NOEL: / 96 h	OECD 202
Acute toxicity to aquatic algae	<i>Raphidocelis subcapitata</i>	≥ 100 mg/L, NOEL: / 72 h ≥ 100 mg/L, NOEL: / 72 h	OECD 201

### Bis(nonylphenyl)amine (CAS: 36878-20-3)

Toxicity	Tested organisms	Results	Test type
Acute toxicity to fish	<i>Oncorhynchus mykiss</i>	> 0.001 mg/L, LC50 / 96 h > 0.011 mg/L, LC50 / 96 h	OECD 203
Acute toxicity to invertebrates	<i>Daphnia magna</i>	> 100 mg/L, EC50 / 48 h > 100 mg/L, EC50 / 24 h	OECD 202
Acute toxicity to aquatic algae	<i>Raphidocelis subcapitata</i>	> 100 mg/L, EL10 / 72 h > 100 mg/L, EL50 / 72 h > 100 mg/L, EL10 / 72 h > 100 mg/L, EL50 / 72 h	OECD 201

### Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc salts (CAS: 84605-29-8)

Toxicity	Tested organisms	Results	Test type
Acute toxicity to fish	<i>Oncorhynchus mykiss</i>	4.5 mg/L, LL50 / 96 h 1.8 mg/L, NOELR / 96 h	OECD 203
Acute toxicity to invertebrates	<i>Daphnia magna</i>	23 mg/L, EL50 / 48 h 10 mg/L, NOELR / 48 h 10 mg/L, NOELR / 24 h	OECD 202
Acute toxicity to aquatic algae	<i>Desmodesmus subspicatus</i>	21 mg/L, EL50 / 72 h 24 mg/L, EL50 / 72 h	OECD 201

### reaction mass of isomers of: C7-9-alkyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate (CAS: 125643-61-0)

Toxicity	Tested organisms	Results	Test type
Acute toxicity to fish	<i>Oncorhynchus mykiss</i>	> 0.001 mg/L, LC50 / 96 h 0.001 mg/L, NOEC / 96 h	OECD 203
Acute toxicity to invertebrates	<i>Daphnia magna</i>	> 100 mg/L, EL50 / 48 h > 0.323 mg/L, EC50 / 48 h 0.323 mg/L, NOEC / 48 h > 0.224 mg/L, EC50 / 48 h 0.224 mg/L, NOEC / 48 h	OECD 202
Acute toxicity to aquatic algae	<i>Desmodesmus subspicatus</i>	> 100 mg/L, EL50 / 72 h 100 mg/L, NOELR / 72 h	OECD 201
Biotic degradation		Under test conditions no biodegradation observed (100%)	
Bioaccumulation		49 L/kg ww	
log Kow / log Pow		7.18 - 9.2 @ 0 - 30 °C, log Kow	

### C14-16-18 Alkyl phenol (EINECS: 931-468-2)

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Toxicity	Tested organisms	Results	Test type
Acute toxicity to fish	<i>Cyprinus carpio</i>	NOEL: > 100, LC50 / 96 h	OECD 203
Acute toxicity to invertebrates	<i>Daphnia magna</i>	> 100 mg/L, EC50 / 24 h > 100 mg/L, EC50 / 48 h > 100 mg/L, NOELR / 24 h > 100 mg/L, NOELR / 48 h	OECD 202
Acute toxicity to aquatic algae	<i>Pseudokirchneriella subcapitata</i>	NOEL: > 100, EC50 / 72 h NOEL: > 100, EC50 / 72 h NOEL: 100, NOEC / 72 h	OECD 201

### 12.2 Persistence and degradability

There is no data available for the product.

Biotic degradation: The biodegradability of the component is given in sec. 12.1

### 12.3 Bioaccumulative potential

There is no data available for the product.

log Kow / log Pow: The value of the partition coefficient of the component is given in sec. 12.1

Bioaccumulation: The value of the bioaccumulation factor of the component is given in sec. 12.1

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

This product does not contain any substances which are classified as PBT or vPvB in a concentration of 0.1% by weight or higher.

### 12.6 Endocrine disrupting properties

This product does not contain endocrine disruptors in a concentration of 0.1% by weight or higher.

### 12.7 Other adverse effects

No data available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### 13.1.1 Catalogue No. of substance/mixture waste:

13 02 05 Mineral-based non-chlorinated engine, gear and lubricating oils

13 02 06 Synthetic engine, gear and lubricating oils

#### 13.1.2 Catalog No. of packaging waste:

15 01 10 Packaging containing residues of or contaminated by dangerous substances

#### 13.1.3 Recommended procedure for substance/mixture waste disposal:

No data available.

#### 13.1.4 Recommended procedure for packaging disposal:

Empty containers must be disposed of in accordance with the applicable waste legislation. After perfect cleaning, the packaging can be used as a secondary raw material for the same purpose. Recommended way of disposing of recycling, burning in a hazardous waste incinerator or storing hazardous waste.

#### 13.1.5 Physical / chemical properties that may affect waste treatment method:

No data available.

#### 13.1.6 Sewage disposal-relevant information:

Protect against weathering. Prevent leakage of waste into the water / soil / sewage system. In case of leakage, inform the competent authorities.

#### 13.1.7 Other disposal recommendations:

Dispose of in accordance with applicable legislation.

## SECTION 14: Transport information

	Type of transport	Land transport ADR / RID	Sea transport IMDG	Air Transport ICAO / IATA
14.1	UN number or ID number	There is no dangerous good in terms of transport.	There is no dangerous good in terms of transport.	There is no dangerous good in terms of transport.

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14.2	UN proper shipping name			
14.3	Transport hazard class(es)			
	Hazard identification number	-	-	-
	Classification code / EmS	-		-
	Labels			
14.4	Packing group			

**14.5 Environmental hazards**

Yes.

**14.6 Special precautions for user**

No data available.

**14.7 Maritime transport in bulk according to IMO instruments**

Not specified.

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### SECTION 15: Regulatory information

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

all as amended and including implementing regulations

Regulation (EC) No. 1272/2008 (CLP) on classification, labelling and packaging of substances and mixtures,...

Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH),...

Applicable national regulations.

The product contains substance Distillates (petroleum), hydrotreated heavy paraffinic, that is included in Annex XVII. of REACH Regulation.

**15.2 Chemical safety assessment**

Chemical safety assessment hasn't been made.

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### SECTION 16: Other information

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**Complete text of all classifications and hazard classes referred to in SECTION 3:**

**Hazard class:**

Aquatic Chronic 2 - Chronic (long term) aquatic hazard, category 2  
 Aquatic Chronic 4 - Chronic (long term) aquatic hazard, category 4  
 Eye Dam. 1 - Serious eye damage, category 1  
 STOT RE 2 - Specific target organ toxicity (repeated exposure), category 2  
 Skin Irrit. 2 - Skin irritation, category 2  
 Skin Sens. 1B - Skin sensitisation, category 1B

**H-statements:**

H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.  
 H373 May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.  
 H411 Toxic to aquatic life with long lasting effects.  
 H413 May cause long lasting harmful effects to aquatic life.

**Abbreviations**

ADR Accord Dangereuses Route  
 CAS Chemical Abstracts Service  
 DNEL Derived no-effect level  
 EC50 Effect concentration for 50%  
 EINECS European Inventory of Existing Commercial Chemical Substances

EL50	Effect level for 50%
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
LC50	Lethal concentration for 50%
LD50	Lethal dose for 50%
LL50	Lethal load for 50%
NOAEC	No observable adverse effect concentration
NOAEL	No observable adverse effect level
NOEC	No observable effect concentration
NOEL	No observable effect level
MPC	Maximum permissible concentration
OEL	Occupational Exposure Limit (workplace exposure limit - 8 hours / shift)
PBT	Persistent, bioaccumulative and toxic
PEL	Permissible exposure limits
PNEC	Predicted no-effect concentration
RID	Regulations for the International Carriage of Dangerous Goods by Rail
STEL	Short Term Exposure Limit (short exposure - corresponds to approx. 15 min.)
VOC	Volatile organic Compounds
vPvB	Very persistent and very bioaccumulative
WGK	Hazard classes for water (Wassergefährdungsklassen)
TRGS	German standard for the storage of hazardous substances (Technische Regeln für Gefahrstoffe)

**Changes to previous version SDS:**

New SDS based on Commission Regulation (EU) 2020/878. The classification has been performed by calculation method.

**Instructions for training**

Workers who come into contact with dangerous substances must be aware of the effects of these substances, how they are treated, and protective measures to the extent necessary. Furthermore, they must be familiar with the first aid principles, with the necessary sanitation procedures and with the procedures for disaster and accident elimination. The person handling this chemical product must be familiar with the safety rules and the data given in the safety data sheet.

**Other information**

The above information describes the conditions for safe handling of the product and corresponds to the current knowledge of the manufacturer and serves as instruction for the training of the persons handling the product.

The manufacturer carries guarantee the above-described properties of the product at the recommended use.

The user is responsible for determining the suitability of the product for specific purposes and adapting security measures if such application is contrary to the manufacturer's recommendations.