



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

### 1.1 Product identifier

**SWAG 99 10 4912 Engine Oil SAE 10W-30**  
**Article number: 99 10 4912, 99 10 4913**  
**UFI: Y5JC-X9NP-Y008-V88C**

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

#### 1.2.1 Relevant uses

Engine oil

#### 1.2.2 Uses advised against

None known.

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

**Company** SWAG Autoteile GmbH  
 Am Kiesberg 4-6  
 42117 Wuppertal / GERMANY  
 Phone +49 (0)202 26454-0  
 Fax +49 (0)202 26454-5000  
 Homepage [www.swag.de](http://www.swag.de)  
 E-mail [info@swag.de](mailto:info@swag.de)

#### Address enquiries to

**Technical information** [info@swag.de](mailto:info@swag.de)

**Safety Data Sheet** [info@swag.de](mailto:info@swag.de)

### 1.4 Emergency telephone number

**Advisory body** +49 (0)89-19240 (24h) (English)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

Eye Irrit. 2: H319 Causes serious eye irritation.  
 Skin Sens. 1B: H317 May cause an allergic skin reaction.  
 Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

#### Hazard pictograms



#### Signal word

WARNING

#### Contains:

Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts

#### Hazard statements

H319 Causes serious eye irritation.  
 H317 May cause an allergic skin reaction.  
 H412 Harmful to aquatic life with long lasting effects.

#### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P280 Wear protective gloves / eye protection / face protection.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P333+P313 If skin irritation or rash occurs: Get medical advice / attention.  
 P501 Dispose of contents / container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

### 2.3 Other hazards

|                       |  |
|-----------------------|--|
| Human health dangers  | Frequent persistent contact with the skin can cause skin irritation. |
| Environmental hazards | Does not contain any PBT or vPvB substances.<br>-                    |
| Other hazards         | none   |

## SECTION 3: Composition / Information on ingredients

### 3.1 Substances

not applicable

### 3.2 Mixtures

The product is a mixture.

| Range [%] | Substance   |
|-----------|---|
| 5 - < 15  | Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract)<br>CAS: 64742-54-7, EINECS/ELINCS: 265-157-1, EU-INDEX: 649-467-00-8, Reg-No.: 01-2119484627-25-XXXX<br>GHS/CLP: Asp. Tox. 1: H304  |
| 1 - < 2.5 | Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts<br>CAS: 68784-31-6, EINECS/ELINCS: 272-238-5, Reg-No.: 01-2119657973-23-XXXX<br>GHS/CLP: Eye Dam. 1: H318 - Aquatic Chronic 2: H411  |
| 1 - < 2.5 | Bis(nonylphenyl)amine<br>CAS: 36878-20-3, EINECS/ELINCS: 253-249-4, Reg-No.: 01-2119488911-28-XXXX<br>GHS/CLP: Aquatic Chronic 4: H413  |
| 1 - < 2.5 | Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased**<br>CAS: 68784-26-9, Reg-No.: 01-2119524004-56-XXXX<br>GHS/CLP: Aquatic Chronic 4: H413   |
| 1 - < 2.5 | Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts<br>CAS: 722503-68-6, EINECS/ELINCS: 682-816-2<br>GHS/CLP: Skin Sens. 1B: H317  |
| < 0.1     | Phenol, dodecyl-, branched<br>CAS: 121158-58-5, EINECS/ELINCS: 310-154-3, EU-INDEX: 604-092-00-9, Reg-No.: 01-2119513207-49-XXXX<br>GHS/CLP: Skin Corr. 1C: H314 - Repr. 1B: H360 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410 - Eye Dam. 1: H318,<br>M-Factor (acute): 10, M-Factor (chronic): 10 |

**Comment on component parts** Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.  
For full text of H-statements: see SECTION 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

|                            |   |
|----------------------------|---|
| <b>General information</b> | Take off contaminated clothing and wash before reuse.   |
| <b>Inhalation</b>          | Ensure supply of fresh air.<br>In the event of symptoms seek medical treatment.   |
| <b>Skin contact</b>        | In case of contact with skin wash off immediately with soap and water.<br>Consult a doctor if skin irritation persists.   |
| <b>Eye contact</b>         | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>If eye irritation persists: Get medical advice/attention. |
| <b>Ingestion</b>           | Consult a doctor immediately.<br>Do not induce vomiting.<br>Rinse out mouth and give plenty of water to drink.  |

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

No information available.

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

Treat symptomatically.  
Forward this sheet to your doctor.

### SECTION 5: Fire-fighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media foam, dry powder, water spray jet, carbon dioxide

Extinguishing media that must not be used Full water jet

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

Not combusted hydrocarbons.  
Risk of formation of toxic pyrolysis products.  
Carbon monoxide (CO)

#### 5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.  
Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

### SECTION 6: Accidental release measures

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

High risk of slipping due to leakage/spillage of product.  
Forms slippery surfaces with water.

#### 6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).  
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. general-purpose binder).  
Dispose of absorbed material in accordance with the regulations.

#### 6.4 Reference to other sections

See SECTION 8+13

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Avoid formation of aerosols.

Do not smoke.  
Fire class (DIN EN 2): B

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

Use barrier skin cream.

Wash hands before breaks and after work.

Cloths contaminated with product should not be kept in trouser pockets.

Contaminated work clothing should not be allowed out of the workplace.

Take off contaminated clothing and wash before reuse.



## 7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.

Prevent penetration into the ground.

Do not store together with oxidizing agents.

Keep container tightly closed.

Keep container in a well-ventilated place.

## 7.3 Specific end use(s)

See product use, SECTION 1.2



## SECTION 8: Exposure controls / personal protection

### 8.1 Control parameters

#### Ingredients with occupational exposure limits to be monitored (GB)

not applicable

#### DNEL

|   |
|---|
| Substance   |
| Phenol, dodecyl-, branched, CAS: 121158-58-5  |
| Industrial, dermal, Acute - systemic effects: 166 mg/kg bw.   |
| Industrial, dermal, Long-term - systemic effects: 0,25 mg/kg bw.  |
| Industrial, inhalative (mist), Acute - systemic effects: 44,18 mg/m <sup>3</sup> .                      |
| general population, inhalative (mist), Acute - systemic effects: 13,26 mg/m <sup>3</sup> .              |
| general population, oral, Long-term - systemic effects: 0,075 mg/kg bw.                                 |
| general population, dermal, Acute - systemic effects: 50 mg/kg bw.                                      |
| general population, dermal, Long-term - systemic effects: 0,075 mg/kg bw.                               |
| general population, inhalative (mist), Long-term - systemic effects: 0,79 mg/m <sup>3</sup> .           |
| Bis(nonylphenyl)amine, CAS: 36878-20-3  |
| Industrial, dermal, Long-term - systemic effects: 5 mg/kg bw/day.                                       |
| general population, dermal, Long-term - systemic effects: 2,5 mg/kg bw/day.                             |
| general population, oral, Long-term - systemic effects: 0,25 mg/kg bw/day.                              |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7  |
| Industrial, inhalative, Long-term - systemic effects: 2,7 mg/m <sup>3</sup> .                           |
| Industrial, inhalative, Long-term - local effects: 5,6 mg/m <sup>3</sup> .                              |
| Industrial, dermal, Long-term - systemic effects: 1 mg/kg bw/day.                                       |
| general population, oral, Long-term - systemic effects: 0,74 mg/kg bw/day.                              |
| Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts, CAS: 68784-31-6 |
| Industrial, dermal, Acute - systemic effects: 100 mg/kg bw/d.   |
| Industrial, inhalative, Long-term - systemic effects: 2,93 mg/m <sup>3</sup> .                          |
| Industrial, inhalative, Acute - systemic effects: 496,4 mg/m <sup>3</sup> .                             |
| Industrial, dermal, Long-term - systemic effects: 10,42 mg/kg bw/d.                                     |
| general population, dermal, Acute - systemic effects: 50 mg/kg bw/d.                                    |
| general population, inhalative, Acute - systemic effects: 11,75 mg/m <sup>3</sup> .                     |
| general population, dermal, Long-term - systemic effects: 2,1 mg/kg bw/d.                               |
| general population, oral, Long-term - systemic effects: 0,21 mg/kg bw/d.                                |
| general population, oral, Acute - systemic effects: 29 mg/kg bw/d.                                      |
| general population, inhalative, Acute - systemic effects: 198,6 mg/m <sup>3</sup> .                     |
| Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased**, CAS: 68784-26-9                   |
| Industrial, inhalative, Long-term - systemic effects: 3,5 mg/m <sup>3</sup> .                           |
| Industrial, inhalative, Acute - systemic effects: 133,6 mg/m <sup>3</sup> .                             |
| Industrial, dermal, Long-term - systemic effects: 0,5 mg/kg bw/day.                                     |
| Industrial, dermal, Acute - systemic effects: 80 mg/kg bw/day.  |
| general population, oral, Acute - systemic effects: 50 mg/kg bw/day.                                    |
| general population, inhalative, Long-term - systemic effects: 0,87 mg/m <sup>3</sup> .                  |
| general population, inhalative, Acute - systemic effects: 0,067 mg/m <sup>3</sup> .                     |
| general population, dermal, Long-term - systemic effects: 0,25 mg/kg bw/day.                            |

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|--|
| general population, dermal, Acute - systemic effects: 0,40 mg/kg bw/day. |
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| general population, oral, Long-term - systemic effects: 0,25 mg/kg bw/day. |
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## PNEC

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|-----------|
| Substance |
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| Phenol, dodecyl-, branched, CAS: 121158-58-5 |
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|                       |
|-----------------------|
| oral (food), 4 mg/kg. |
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|                    |
|--------------------|
| soil, 0,188 mg/kg. |
|--------------------|

|                           |
|---------------------------|
| seawater, 0,0000074 mg/l. |
|---------------------------|

|                                    |
|------------------------------------|
| sediment (seawater), 0,0226 mg/kg. |
|------------------------------------|

|                                     |
|-------------------------------------|
| sediment (freshwater), 0,226 mg/kg. |
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|                            |
|----------------------------|
| freshwater, 0,000074 mg/l. |
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| Bis(nonylphenyl)amine, CAS: 36878-20-3 |
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|                      |
|----------------------|
| seawater, 0,01 mg/l. |
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| sewage treatment plants (STP), 1 mg/l. |
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|                                      |
|--------------------------------------|
| sediment (freshwater), 132000 mg/kg. |
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|                                   |
|-----------------------------------|
| sediment (seawater), 13200 mg/kg. |
|-----------------------------------|

|                     |
|---------------------|
| soil, 263000 mg/kg. |
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|                       |
|-----------------------|
| freshwater, 0,1 mg/l. |
|-----------------------|

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| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7 |
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|--------------------------|
| oral (food), 9,33 mg/kg. |
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|   |
|---|
| Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts, CAS: 68784-31-6 |
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|                          |
|--------------------------|
| freshwater, 0,0040 mg/l. |
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|                                    |
|------------------------------------|
| sediment (seawater), 0,00701 mg/l. |
|------------------------------------|

|                                     |
|-------------------------------------|
| sediment (freshwater), 0,0701 mg/l. |
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| sewage treatment plants (STP), 3,8 mg/l. |
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|                     |
|---------------------|
| soil, 0,0548 mg/kg. |
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|                          |
|--------------------------|
| oral (food), 8,33 mg/kg. |
|--------------------------|

|                        |
|------------------------|
| seawater, 0,0046 mg/l. |
|------------------------|

|   |
|---|
| Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased**, CAS: 68784-26-9 |
|---|

|                           |
|---------------------------|
| oral (food), 13333 mg/kg. |
|---------------------------|

|                       |
|-----------------------|
| freshwater, 0,5 mg/l. |
|-----------------------|

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|---------------------------------|
| sediment (seawater), 0,04 mg/l. |
|---------------------------------|

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|--|
| sewage treatment plants (STP), 100 mg/l. |
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|                                     |
|-------------------------------------|
| sediment (freshwater), 43500 mg/kg. |
|-------------------------------------|

|                                  |
|----------------------------------|
| sediment (seawater), 3480 mg/kg. |
|----------------------------------|

|                   |
|-------------------|
| soil, 8850 mg/kg. |
|-------------------|

## 8.2 Exposure controls

|  |  |
|--|--|
| <b>Additional advice on system design</b>                          | Ensure adequate ventilation on workstation.<br>Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.<br>General exposure limit for oil mist should be noted. |
| <b>Eye protection</b>  | If there is a risk of splashing:<br>safety glasses   |
| <b>Hand protection</b>   | The details concerned are recommendations. Please contact the glove supplier for further information.<br>> 0,4 mm; Nitrile rubber, >480 min (EN 374-1/-2/-3).  |
| <b>Skin protection</b>   | light protective clothing  |
| <b>Other</b>   | Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.<br>Avoid contact with eyes and skin.                         |
| <b>Respiratory protection</b>                                      | Breathing apparatus in the event of aerosol or mist formation.<br>Short term: filter apparatus, combination filter A-P1. (DIN EN 14387)  |
| <b>Thermal hazards</b>   | none   |
| <b>Delimitation and monitoring of the environmental exposition</b> | Comply with applicable environmental regulations limiting discharge to air, water and soil.  |

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |   |
|--|---|
| <b>Physical state</b>                          | liquid  |
| <b>Color</b>                                   | brown   |
| <b>Odor</b>                                    | characteristic  |
| <b>Odour threshold</b>                         | not applicable  |
| <b>pH-value</b>                                | not applicable  |
| <b>pH-value [1%]</b>                           | not applicable  |
| <b>Boiling point [°C]</b>                      | No information available.                                 |
| <b>Flash point [°C]</b>                        | > 200 (ISO 2592)  |
| <b>Flammability (solid, gas) [°C]</b>          | No information available.                                 |
| <b>Lower explosion limit</b>                   | No information available.                                 |
| <b>Upper explosion limit</b>                   | No information available.                                 |
| <b>Oxidising properties</b>                    | no  |
| <b>Vapour pressure/gas pressure [kPa]</b>      | No information available.                                 |
| <b>Density [g/ml]</b>                          | 0,86 (DIN 51757) (15 °C / 59,0 °F)                        |
| <b>Bulk density [kg/m³]</b>                    | not applicable  |
| <b>Solubility in water</b>                     | immiscible  |
| <b>Solubility other solvents</b>               | No information available.                                 |
| <b>Partition coefficient [n-octanol/water]</b> | No information available.                                 |
| <b>Kinematic viscosity</b>                     | > 20,5 mm²/s (40° C)<br>11,9 mm²/s (100°C) (DIN 51562/T1) |
| <b>Relative vapour density</b>                 | No information available.                                 |
| <b>Evaporation speed</b>                       | No information available.                                 |
| <b>Melting point [°C]</b>                      | No information available.                                 |
| <b>Auto-ignition temperature</b>               | No information available.                                 |
| <b>Decomposition temperature [°C]</b>          | No information available.                                 |
| <b>Particle characteristics</b>                | No information available.                                 |



## 9.2 Other information

none

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reactions known if used as directed.

### 10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

### 10.3 Possibility of hazardous reactions

Reactions with strong oxidizing agents.

### 10.4 Conditions to avoid

Strong heating.

### 10.5 Incompatible materials

Oxidizing agent

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.



## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute oral toxicity

|   |
|---|
| Product   |
| oral, Based on the available information, the classification criteria are not fulfilled.:               |
| Substance   |
| Phenol, dodecyl-, branched, CAS: 121158-58-5  |
| LD50, oral, Rat: 2100 mg/kg bw.   |
| Bis(nonylphenyl)amine, CAS: 36878-20-3  |
| LD50, oral, Rat: >5000 mg/kg (OECD 401).  |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7  |
| LD50, oral, Rat: > 5000 mg/kg.  |
| Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts, CAS: 68784-31-6 |
| LD50, oral, Rat: 2750 mg/kg bw.   |
| Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased**, CAS: 68784-26-9                   |
| LD50, oral, Rat: >5000 mg/kg bw.  |

#### Acute dermal toxicity

|   |
|---|
| Product   |
| dermal, Based on the available information, the classification criteria are not fulfilled.:             |
| Substance   |
| Phenol, dodecyl-, branched, CAS: 121158-58-5  |
| LD50, dermal, Rabbit: 15000 mg/kg bw.   |
| Bis(nonylphenyl)amine, CAS: 36878-20-3  |
| LD50, dermal, Rat: >2000 mg/kg (OECD 402).  |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7  |
| LD50, dermal, Rabbit: > 2000 mg/kg.   |
| LC50, dermal, Rat: 2,18 mg/l.   |
| Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts, CAS: 68784-31-6 |
| LD50, dermal, Rabbit: >5000 mg/kg bw.   |
| Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased**, CAS: 68784-26-9                   |
| LD50, dermal, Rabbit: >4000 mg/kg bw.   |

#### Acute inhalational toxicity

|   |
|---|
| Product   |
| inhalative, Based on the available information, the classification criteria are not fulfilled.: |
| Substance   |
| Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased**, CAS: 68784-26-9           |
| LC50, inhalative, Rat: >1,67 mg/l.  |

#### Serious eye damage/irritation

Toxicological data of complete product are not available.  
Irritant  
Calculation method

|  |
|--|
| Substance                                    |
| Phenol, dodecyl-, branched, CAS: 121158-58-5 |

|   |
|---|
| Mean irritation score, dermal, Rabbit: 3,5.   |
| Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts, CAS: 68784-31-6 |
| Corneal opacity mean score, cutan, Rabbit: 1.22 (OECD 405).   |

**Skin corrosion/irritation** Based on the available information, the classification criteria are not fulfilled.

|  |
|--|
| Substance                                    |
| Phenol, dodecyl-, branched, CAS: 121158-58-5 |
| Mean irritation score, dermal, Rabbit: 3,5.  |

**Respiratory or skin sensitisation** Toxicological data of complete product are not available.  
May cause an allergic skin reaction.  
Calculation method

**Specific target organ toxicity — single exposure** Based on the available information, the classification criteria are not fulfilled.

**Specific target organ toxicity — repeated exposure** Based on the available information, the classification criteria are not fulfilled.

**Mutagenicity** Based on the available information, the classification criteria are not fulfilled.

**Reproduction toxicity** Based on the available information, the classification criteria are not fulfilled.

|   |
|---|
| Substance                                     |
| Phenol, dodecyl-, branched, CAS: 121158-58-5  |
| NOAEL, oral, Rat: 15 mg/kg bw/day (OECD 416). |

**Carcinogenicity** Based on the available information, the classification criteria are not fulfilled.

**Aspiration hazard** Based on the available information, the classification criteria are not fulfilled.  
On basis of test data

**General remarks** Frequent persistent contact with the skin can cause skin irritation.  
Toxicological data of complete product are not available.  
The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.



## SECTION 12: Ecological information

### 12.1 Toxicity

|   |
|---|
| Substance   |
| Phenol, dodecyl-, branched, CAS: 121158-58-5  |
| EC50, (72h), Scenedesmus subspicatus: 0,15 mg/l.  |
| EC50, (21d), Daphnia magna: 0,008 mg/l.   |
| EC50, (48h), Daphnia magna: 0,037 mg/l.   |
| EL50, (96h), Pimephales promelas: 40 mg/l.  |
| Bis(nonylphenyl)amine, CAS: 36878-20-3  |
| EC50, (48h), Daphnia magna: >100 mg/l (OECD 202).   |
| LC0, (96h), Brachidanio rerio: 58 mg/l (OECD 203).  |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7  |
| EL50, (24h), Daphnia magna: > 10000 mg/l.   |
| NOELR, (14d), Oncorhynchus mykiss: >= 1000 mg/l.  |
| LL50, (96h), Pimephales promelas: >100 mg/l.  |
| NOEL, (72h), Pseudokirchneriella subcapitata: >= 100 mg/l.  |
| NOEL, (21d), Daphnia magna: 10 mg/l.  |
| Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zinc salts, CAS: 68784-31-6 |
| EC50, (16h), Pseudomonas putida: 380 mg/l.  |
| IC50, (21d), Daphnia magna: >0,8 mg/l.  |
| EL50, (48h), Daphnia magna: 75 mg/l.  |
| EL50, (72h), Desmodesmus subspicatus: 410 mg/l.   |
| NOEC, (21d), Daphnia magna: 0,8 mg/l.   |
| NOELR, (48h), Daphnia magna: 32 mg/l.   |
| NOELR, (96h), Oncorhynchus mykiss: 3,2 mg/l.  |
| LL50, (96h), Oncorhynchus mykiss: 4,4 mg/l.   |
| EC0, (16h), Pseudomonas putida: 200 mg/l.   |
| LOEC, (21d), Daphnia magna: 0,8 mg/l.   |
| Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased**, CAS: 68784-26-9                   |
| LC50, (96h), Americamysis bahia: >40 mg/l.  |
| EL50, (48h), Daphnia magna: >1000 mg/l.   |
| EL50, (96h), Pseudokirchneriella subcapitata: >500 mg/l.  |
| LL50, (96h), Pimephales promelas: >1000 mg/l.   |

### 12.2 Persistence and degradability

|                                       |                |
|---------------------------------------|----------------|
| Behaviour in environment compartments | not determined |
| Behaviour in sewage plant             | not determined |
| Biological degradability              | not determined |

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.



**12.5 Results of PBT and vPvB assessment**

Based on all available information not to be classified as PBT or vPvB respectively.

**12.6 Endocrine disrupting properties**

No information available.

**12.7 Other adverse effects**

Ecological data of complete product are not available.

The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

**Product**

In according to RoHS!  
Coordinate disposal with the disposal contractor/authorities if necessary.  
Dispose of as hazardous waste.

**Waste no. (recommended)**

130205\* mineral-based non-chlorinated engine, gear and lubricating oils

**Contaminated packaging**

Uncontaminated packaging may be taken for recycling.  
Packaging that cannot be cleaned should be disposed of as for product.

**Waste no. (recommended)**

150110\* packaging containing residues of or contaminated by hazardous substances

**SECTION 14: Transport information**

**14.1 UN number**

**Transport by land according to ADR/RID** not applicable

**Inland navigation (ADN)** not applicable

**Marine transport in accordance with IMDG** not applicable

**Air transport in accordance with IATA** not applicable

**14.2 UN proper shipping name**

**Transport by land according to ADR/RID** NO DANGEROUS GOODS

**Inland navigation (ADN)** NO DANGEROUS GOODS

**Marine transport in accordance with IMDG** NOT CLASSIFIED AS "DANGEROUS GOODS"

**Air transport in accordance with IATA** NOT CLASSIFIED AS "DANGEROUS GOODS"

#### 14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

#### 14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

#### 14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

#### 14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

#### 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

**EEC-REGULATIONS** 2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014

**TRANSPORT-REGULATIONS** ADR (2019); IMDG-Code (2019, 39. Amdt.); IATA-DGR (2020)

**NATIONAL REGULATIONS (GB):** EH40/2005 Workplace exposure limits (Second edition, published December 2011).

- Observe employment restrictions for people no

- VOC (2010/75/CE) 0 %



## 15.2 Chemical safety assessment

not applicable

## SECTION 16: Other information

### 16.1 Hazard statements (SECTION 3)

H410 Very toxic to aquatic life with long lasting effects.  
 H400 Very toxic to aquatic life.  
 H360 May damage fertility or the unborn child.  
 H314 Causes severe skin burns and eye damage.  
 H411 Toxic to aquatic life with long lasting effects.  
 H318 Causes serious eye damage.  
 H413 May cause long lasting harmful effects to aquatic life.  
 H317 May cause an allergic skin reaction.  
 H304 May be fatal if swallowed and enters airways.

### 16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route  
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses  
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
 ATE = acute toxicity estimate  
 CAS = Chemical Abstracts Service  
 CLP = Classification, Labelling and Packaging  
 DMEL = Derived Minimum Effect Level  
 DNEL = Derived No Effect Level  
 EC50 = Median effective concentration  
 ECB = European Chemicals Bureau  
 EEC = European Economic Community  
 EINECS = European Inventory of Existing Commercial Chemical Substances  
 EL50 = Median effective loading  
 ELINCS = European List of Notified Chemical Substances  
 EmS = Emergency Schedules  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IATA = International Air Transport Association  
 IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
 IC50 = Inhibition concentration, 50%  
 IMDG = International Maritime Code for Dangerous Goods  
 IUCLID = International Uniform Chemical Information Database  
 IVIS = In vitro irritation score  
 LC50 = Lethal concentration, 50%  
 LD50 = Median lethal dose  
 LC0 = lethal concentration, 0%  
 LOAEL = lowest-observed-adverse-effect level  
 LL50 = Median lethal loading  
 LQ = Limited Quantities  
 MARPOL = International Convention for the Prevention of Marine Pollution from Ships  
 NOAEL = No Observed Adverse Effect Level  
 NOEC = No Observed Effect Concentration  
 PBT = Persistent, Bioaccumulative and Toxic substance  
 PNEC = Predicted No-Effect Concentration  
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals  
 STP = Sewage Treatment Plant  
 TLV@/TWA = Threshold limit value – time-weighted average  
 TLV@STEL = Threshold limit value – short-time exposure limit  
 VOC = Volatile Organic Compounds  
 vPvB = very Persistent and very Bioaccumulative

### 16.3 Other information

#### Classification procedure

Eye Irrit. 2: H319 Causes serious eye irritation. (Calculation method)  
 Skin Sens. 1B: H317 May cause an allergic skin reaction. (Calculation method)  
 Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. (Calculation method)

#### Modified position

none

**Safety Data Sheet 1907/2006/EC - REACH (GB)**

**SWAG 99 10 4912 Engine Oil SAE 10W-30**

**Article number 99 10 4912, 99 10 4913**

**SWAG Autoteile GmbH**

**42117 Wuppertal**

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