

SWAG Autoteile GmbH  
42117 Wuppertal

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Version 6.0. Supersedes version: 5.0

Page 1 / 15

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

### 1.1 Product identifier

**Engine Oil 0W-40**  
**Article number: 30 10 1140, 30 10 1141, 30 10 1142, 30 10 1143, 30 10 1144**  
**UFI: DA31-T949-N00J-RK70**

### 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 (GB) CLP]

Skin Sens. 1: H317 May cause an allergic skin reaction.

### 2.2 Label elements

The product is required to be labelled in accordance with regulation CLP.

#### Hazard pictograms



#### Signal word

WARNING

#### Contains:

C14-16-18 Alkyl phenol

#### Hazard statements

H317 May cause an allergic skin reaction.

#### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P261 Avoid breathing mist/vapours/spray.  
P280 Wear protective gloves / eye protection / face protection.  
P333+P313 If skin irritation or rash occurs: Get medical advice / attention.  
P501 Dispose of contents/container in accordance with local/national regulation.

### 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.  
Contains no ingredients with endocrine-disrupting properties.

#### Other hazards

none

### SECTION 3: Composition / Information on ingredients

#### 3.1 Substances

not applicable

#### 3.2 Mixtures

The product is a mixture.

| Range [%]  | Substance   |
|------------|---|
| 60 - < 100 | Distillates (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  |
| 2.5 - < 5  | Dec-1-ene, trimers, hydrogenated<br>CAS: 157707-86-3, EINECS/ELINCS: 500-393-3, Reg-No.: 01-2119493949-12<br>GHS/CLP: Asp. Tox. 1: H304   |
| 1 - < 2.5  | Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract)<br>CAS: 64742-56-9, EINECS/ELINCS: 265-159-2, EU-INDEX: 649-469-00-9, Reg-No.: 01-2119480132-48-XXXX<br>GHS/CLP: Asp. Tox. 1: H304   |
| 1 - < 2.5  | Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extract)<br>CAS: 64742-65-0, EINECS/ELINCS: 265-169-7, Reg-No.: 01-2119471299-27-XXXX<br>GHS/CLP: Asp. Tox. 1: H304  |
| 1 - < 2.5  | Paraffin oils (petroleum), catalytic dewaxed heavy<br>CAS: 64742-70-7, EINECS/ELINCS: 265-174-4, EU-INDEX: 649-477-00-2, Reg-No.: 01-2119487080-42-XXXX<br>GHS/CLP: Asp. Tox. 1: H304   |
| 1 - < 2.5  | Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate)<br>CAS: 93819-94-4, EINECS/ELINCS: 298-577-9, Reg-No.: 01-2119543726-33-XXXX<br>GHS/CLP: Skin Irrit. 2: H315 - Eye Dam. 1: H318 - Aquatic Chronic 2: H411<br>SCL [%]: > 12.5: Eye Dam. 1: H318, >10 - 12.5: Eye Irrit. 2: H319, >6.25 - 100: Skin Irrit. 2: H315 |
| 1 - < 2.5  | C14-16-18 Alkyl phenol<br>CAS: 1190625-94-5, EINECS/ELINCS: 931-468-2, Reg-No.: 01-2119498288-19-XXXX<br>GHS/CLP: Skin Sens. 1B: H317 - STOT RE 2: H373   |

#### Comment on component parts

This product contains one or more components that are not included in the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC).  
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> | Change soaked clothing.   |
| <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 within 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

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 42117 Wuppertal

Date printed 07.03.2023, Revision 07.03.2023

Version 6.0. Supersedes version: 5.0

Page 4 / 15

## SECTION 8: Exposure controls / personal protection

### 8.1 Control parameters

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

|   |
|---|
| Substance   |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract)             |
| CAS: 64742-54-7, EINECS/ELINCS: 265-157-1, EU-INDEX: 649-467-00-8, Reg-No.: 01-2119484627-25-XXXX |
| Long-term exposure: 5 mg/m <sup>3</sup> , oil mist  |
| Short-term exposure (15-minute): 10 mg/m <sup>3</sup>   |

#### DNEL

|   |
|---|
| Substance   |
| Dec-1-ene, trimers, hydrogenated, CAS: 157707-86-3  |
| There are no DNEL values established for the substance.   |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7    |
| Industrial, dermal, Long-term - systemic effects, 970 µg/kg bw/day  |
| Industrial, inhalative, Long-term - local effects, 5.58 mg/m <sup>3</sup>                                 |
| Industrial, inhalative, Long-term - systemic effects, 2.73 mg/m <sup>3</sup>                              |
| general population, oral, Long-term - systemic effects, 740 µg/kg bw/day                                  |
| general population, inhalative, Long-term - local effects, 1.19 mg/m <sup>3</sup>                         |
| Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract), CAS: 64742-56-9 |
| Industrial, dermal, Long-term - systemic effects, 0.97 mg/kg bw/day                                       |
| Industrial, inhalative, Long-term - local effects, 5.58 mg/m <sup>3</sup>                                 |
| Industrial, inhalative, Long-term - systemic effects, 2.73 mg/m <sup>3</sup>                              |
| general population, oral, Long-term - systemic effects, 0.74 mg/kg bw/day                                 |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0            |
| Industrial, dermal, Long-term - systemic effects, 970 µg/kg bw/day  |
| Industrial, inhalative, Long-term - local effects, 5.58 mg/m <sup>3</sup>                                 |
| Industrial, inhalative, Long-term - systemic effects, 2.73 mg/m <sup>3</sup>                              |
| general population, oral, Long-term - local effects, 740 µg/kg bw/day                                     |
| Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate), CAS: 93819-94-4                     |
| Industrial, inhalative, Long-term - systemic effects, 8.31 mg/m <sup>3</sup>                              |
| Industrial, dermal, Long-term - systemic effects, 0.58 mg/kg bw/day                                       |
| general population, inhalative, Long-term - systemic effects, 2.11 mg/m <sup>3</sup>                      |
| general population, oral, Long-term - systemic effects, 0.24 mg/kg bw/day                                 |
| general population, dermal, Long-term - systemic effects, 0.29 mg/kg bw/day                               |
| C14-16-18 Alkyl phenol  |
| Industrial, inhalative, Long-term - systemic effects, 1.17 mg/m <sup>3</sup>                              |
| Industrial, dermal, Long-term - systemic effects, 0.3 mg/kg bw/day  |
| Paraffin oils (petroleum), catalytic dewaxed heavy, CAS: 64742-70-7                                       |
| Industrial, inhalative, Long-term - local effects, 5.6 mg/m <sup>3</sup>                                  |
| Industrial, inhalative, Long-term - systemic effects, 2.7 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                                 |

#### PNEC

|           |
|-----------|
| Substance |
|-----------|

|   |
|---|
| Dec-1-ene, trimers, hydrogenated, CAS: 157707-86-3  |
| There are no PNEC values established for the substance.   |
| Distillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7    |
| oral (food), 9.33 mg/kg   |
| Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract), CAS: 64742-56-9 |
| oral (food), 9.33 mg/kg food  |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extract), CAS: 64742-65-0            |
| oral (food), 9.33 mg/kg food  |
| Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate), CAS: 93819-94-4                     |
| sewage treatment plants (STP), 100 mg/l   |
| seawater, 0.004 mg/l  |
| sediment (freshwater), 0.012 mg/kg dw   |
| sediment (seawater), 0.001 mg/kg dw   |
| soil, 0.005 mg/kg   |
| oral (food), 10.67 mg/kg  |
| freshwater, 0.004 mg/l  |
| C14-16-18 Alkyl phenol  |
| oral (food), 3.3 mg/kg  |
| soil, 852.58 mg/kg  |
| sediment (seawater), 426.62 mg/kg   |
| sediment (freshwater), 4266.16 mg/kg  |
| sewage treatment plants (STP), 100 mg/l   |
| sediment (seawater), 0.01 mg/l  |
| sediment (freshwater), 0.1 mg/l   |
| Paraffin oils (petroleum), catalytic dewaxed heavy, CAS: 64742-70-7                                       |
| oral (food), 9.33 mg/kg food  |

## 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.                                 |
| <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

|   |   |
|---|---|
| Physical state                          | liquid  |
| Form                                    | liquid  |
| Color                                   | light brown   |
| Odor                                    | characteristic  |
| Odour threshold                         | not relevant  |
| pH-value                                | not applicable  |
| pH-value [1%]                           | not applicable  |
| Boiling point [°C]                      | No information available.   |
| Flash point [°C]                        | 236   |
| Flammability (solid, gas) [°C]          | No information available.   |
| Lower explosion limit                   | No information available.   |
| Upper explosion limit                   | No information available.   |
| Oxidising properties                    | no  |
| Vapour pressure/gas pressure [kPa]      | No information available.   |
| Density [g/cm <sup>3</sup> ]            | 0.842 (15 °C / 59,0 °F)   |
| Relative density                        | not determined  |
| Bulk density [kg/m <sup>3</sup> ]       | not applicable  |
| Solubility in water                     | immiscible  |
| Solubility other solvents               | No information available.   |
| Partition coefficient [n-octanol/water] | No information available.   |
| Kinematic viscosity                     | > 20.5 mm <sup>2</sup> /s (40° C)<br>14.2 mm <sup>2</sup> /s (100°C) (DIN 51562/T1) |
| Relative vapour density                 | No information available.   |
| Evaporation speed                       | No information available.   |
| Melting point [°C]                      | No information available.   |
| Auto-ignition temperature [°C]          | No information available.   |
| Decomposition temperature [°C]          | No information available.   |
| Particle characteristics                | No information available.   |

### 9.2 Other information

Pour point: -36°C

## 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.



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Version 6.0. Supersedes version: 5.0

Page 7 / 15

### **10.5 Incompatible materials**

Oxidizing agent

### **10.6 Hazardous decomposition products**

No hazardous decomposition products known.

## SECTION 11: Toxicological information

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

#### Acute oral toxicity

|   |
|---|
| Product   |
| oral, Based on the available information, the classification criteria are not fulfilled.                  |
| Substance   |
| Dec-1-ene, trimers, hydrogenated, CAS: 157707-86-3  |
| LD50, oral, Rat, 2000 - 5000 mg/kg bw   |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7    |
| LD50, oral, Rat, 5000 mg/kg bw  |
| Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract), CAS: 64742-56-9 |
| LD50, oral, Rat, >5000 mg/kg bw (OECD 401)  |
| NOAEL, oral, Rat, >1000 mg/kg bw (OECD 421)   |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0            |
| LD50, oral, Rat, 5000 mg/kg bw  |
| Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate), CAS: 93819-94-4                     |
| LD50, oral, Rat, 2600 mg/kg   |
| C14-16-18 Alkyl phenol  |
| LD50, oral, Rat (female), >2000 mg/kg bw  |
| Paraffin oils (petroleum), catalytic dewaxed heavy, CAS: 64742-70-7                                       |
| LD50, oral, Rat, >5000 mg/kg bw (OECD 401)  |

#### Acute dermal toxicity

|   |
|---|
| Product   |
| dermal, Based on the available information, the classification criteria are not fulfilled.                |
| Substance   |
| Dec-1-ene, trimers, hydrogenated, CAS: 157707-86-3  |
| LD50, dermal, Rat, 2000 mg/kg bw  |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7    |
| LD50, dermal, Rabbit, 2000 - 5 00 mg/kg bw  |
| Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract), CAS: 64742-56-9 |
| LD50, dermal, Rabbit, >5000 mg/kg bw (OECD 403)   |
| NOAEL, dermal, Rat, >2000 mg/kg bw (OECD 414)   |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0            |
| LD50, dermal, Rabbit, 2000 - 5000 mg/kg bw  |
| Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate), CAS: 93819-94-4                     |
| LD50, dermal, Rabbit, >3160 mg/kg bw/day  |
| C14-16-18 Alkyl phenol  |
| LD50, dermal, Rat, >2000 mg/kg bw   |
| Paraffin oils (petroleum), catalytic dewaxed heavy, CAS: 64742-70-7                                       |
| LD50, dermal, Rabbit, >5000 mg/kg bw (OECD 402)   |

#### Acute inhalational toxicity

|  |
|--|
| Product  |
| inhalative, Based on the available information, the classification criteria are not fulfilled. |



|   |
|---|
| Substance   |
| Dec-1-ene, trimers, hydrogenated, CAS: 157707-86-3  |
| LC50, inhalative, Rat, 900 - 5200 mg/m <sup>3</sup> air, 4h   |
| Distillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7    |
| LC50, inhalative, Rat, 2.18 - 5.53 mg/L air, 4h   |
| Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract), CAS: 64742-56-9 |
| LC50, inhalative, Rat, >5.53 mg/l air (OECD 403)  |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0            |
| LC50, inhalative, Rat, 2.18 - 5.53 mg/L air, 4h   |
| Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate), CAS: 93819-94-4                     |
| LC50, inhalative, Rat, >2 mg/l  |
| Paraffin oils (petroleum), catalytic dewaxed heavy, CAS: 64742-70-7                                       |
| LC50, inhalative, Rat, 2.18 mg/l air (OECD 403)   |

**Serious eye damage/irritation** Toxicological data of complete product are not available.  
No classification.  
CAS 93819-94-4: > 10% - <=12.5% Eye Irrit. 2: Classification was carried out based on substance-specific concentration limits.  
Calculation method

|  |
|--|
| Substance  |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0 |
| Eye, non-irritating  |

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

|  |
|--|
| Substance  |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0 |
| dermal, non-irritating   |

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

|  |
|--|
| Substance  |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0 |
| dermal, non-sensitizing  |

**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.

|   |
|---|
| Substance   |
| Dec-1-ene, trimers, hydrogenated, CAS: 157707-86-3  |
| NOAEL, Intravenous, Rat, 1000 - 6771 mg/kg bw/day   |
| Distillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7    |
| NOAEL, dermal, Rabbit, 1000 mg/kg bw/day  |
| NOAEL, dermal, Rat, 30 - 2000 mg/kg bw/day  |
| NOAEC, inhalative, Rat, 980 mg/m <sup>3</sup> air   |
| LOAEL, oral, Rat, 125 mg/kg bw/day  |
| Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract), CAS: 64742-56-9 |
| NOAEC, inhalative, Rat, 980 mg/m <sup>3</sup> , no adverse effect observed                                |
| LOAEL, oral, Rat, 125 mg/kg bw/day, adverse effect observed   |

|  |
|--|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0 |
| NOAEL, dermal, Rabbit, 1000 mg/kg bw/day   |
| NOAEL, inhalative, Rat, 980 mg/m <sup>3</sup> air  |
| LOAEL, oral, Rat, 125 mg/kg bw/day   |

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

|  |
|--|
| Substance  |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0 |
| in vitro, negativ  |

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

**- Fertility**

|   |
|---|
| Substance   |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7    |
| NOAEL, oral, Rat, 1000 mg/kg bw/d (Effect on fertility), no adverse effect observed                       |
| Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract), CAS: 64742-56-9 |
| NOAEL, oral, Rat, 1000 mg/kg bw/day, In vivo study, negativ   |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0            |
| NOAEL, oral, Rat, 1000 mg/kg bw/d, no adverse effect observed   |

**- Development**

|   |
|---|
| Substance   |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7    |
| NOAEL, oral, Rat, 1000 mg/kg bw/d (Effect on fertility), no adverse effect observed                       |
| Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract), CAS: 64742-56-9 |
| NOAEL, oral, Rat, 1000 mg/kg bw/day, In vivo study, negativ   |

**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.

**General remarks**

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.

**11.2 Information on other hazards**

**Endocrine disrupting properties** Contains no ingredients with endocrine-disrupting properties.

**Other information** none

## SECTION 12: Ecological information

### 12.1 Toxicity

|   |
|---|
| Product   |
| Based on the available information, the classification criteria are not fulfilled.                        |
| Substance   |
| Dec-1-ene, trimers, hydrogenated, CAS: 157707-86-3  |
| EL50, (48h), Acartia tonsa, >1000 mg/l (OECD 202)   |
| EL50, (72h), Scenedesmus capricornutum, >1000 mg/l (OECD 201)   |
| NOELR, (21d), Acartia tonsa, 125 mg/l (OECD 211)  |
| LL50, (96h), Oncorhynchus mykiss, >1000 mg/l (OECD 203)   |
| Distillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7    |
| EL50, (48h), Invertebrates, 10 g/L  |
| NOELR, (14d), fish, 1 mg/L  |
| LL50, (96h), Invertebrates, 10 g/L  |
| LL50, (96h), fish, 100 mg/L   |
| Distillates (petroleum), solvent-dewaxed light paraffinic (containing < 3% DMSO-extract), CAS: 64742-56-9 |
| EL50, (24h), Daphnia magna, >10000 mg/l (OECD 202)  |
| LL50, (96h), Pimephales promelas, >100 mg/l (OECD 203)  |
| NOEL, (72h), Pseudokirchneriella subcapitata, >100 mg/l (OECD 201)  |
| NOEL, (21d), Daphnia magna, 10 mg/l (OECD 211)  |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic (< 3% DMSO Extrakt), CAS: 64742-65-0            |
| NOELR, (14d), fish, 1 g/L   |
| LL50, (96h), fish, 100 mg/L   |
| LL50, (96h), Invertebrates, 10 g/L  |
| Zinc bis[O-(6-methylheptyl)] bis[O-(sec-butyl)] bis(dithiophosphate), CAS: 93819-94-4                     |
| EC50, (3h), Activated sludge, >10000 mg/l   |
| EC50, (72h), Selenastrum capricornutum, 2.1 mg/l  |
| EC50, (48h), Daphnia magna, 5.4 mg/l (OECD 202)   |
| IC50, (21d), Daphnia magna, >0.8 mg/l   |
| LL50, (96h), Oncorhynchus mykiss, 4.5 mg/l  |
| C14-16-18 Alkyl phenol  |
| LC50, (96h), Cyprinus carpio, >100 mg/l   |
| EC50, (72h), Pseudokirchneriella subcapitata, >100 mg/l   |
| EC50, (24h), Daphnia magna, >100 mg/l   |
| NOEC, (72h), Pseudokirchneriella subcapitata, 100 mg/l  |
| NOELR, (24h), Daphnia magna, >100 mg/l  |
| Paraffin oils (petroleum), catalytic dewaxed heavy, CAS: 64742-70-7                                       |
| EL50, (24h), Daphnia magna, >10000 mg/l (OECD 202)  |
| LL50, (96h), Pimephales promelas, >100 mg/l (OECD 203)  |
| NOEL, (72h), Pseudokirchneriella subcapitata, >100 mg/l (OECD 201)  |
| NOEL, (21d), Daphnia magna, >10 mg/l (OECD 211)   |

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42117 Wuppertal

Date printed 07.03.2023, Revision 07.03.2023

Version 6.0. Supersedes version: 5.0 Page 12 / 15

## 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

Contains no ingredients with endocrine-disrupting properties.

## 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 or ID 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

SWAG Autoteile GmbH  
42117 Wuppertal

Date printed 07.03.2023, Revision 07.03.2023

Version 6.0. Supersedes version: 5.0 Page 14 / 15

#### 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 Maritime transport in bulk according to IMO instruments

not applicable

### SECTION 15: Regulatory information

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

|  |   |
|--|---|
| <b>EEC-REGULATIONS</b>                       | 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 |
| <b>TRANSPORT-REGULATIONS</b>                 | ADR (2023); IMDG-Code (2023, 41. Amdt.); IATA-DGR (2023)  |
| <b>NATIONAL REGULATIONS (GB):</b>            | EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.  |
| - Observe employment restrictions for people | Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.  |
| - VOC (2010/75/CE)                           | 0 %   |

#### 15.2 Chemical safety assessment

For this product a chemical safety assessment has not been carried out.

### SECTION 16: Other information

#### 16.1 Hazard statements (SECTION 3)

H411 Toxic to aquatic life with long lasting effects.  
H318 Causes serious eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H373 May cause damage to organs through prolonged or repeated exposure.  
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

Skin Sens. 1: H317 May cause an allergic skin reaction. ()

### Modified position

SECTION 11 been added: Contains no ingredients with endocrine-disrupting properties.

SECTION 12 been added: Contains no ingredients with endocrine-disrupting properties.