

SWAG Autoteile GmbH  
42117 Wuppertal

Date printed 27.09.2024, Revision 27.09.2024

Version 1.0 Page 1 / 11

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

### 1.1 Product identifier

**Engine Oil 5W - 40**  
**Article number: 15 93 2936, 15 93 2937, 15 93 2938, 15 93 2939, 15 93 2940**

### 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]

No classification.

### 2.2 Label elements

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

**Hazard pictograms** none

**Signal word** none

**Hazard statements** none

**Precautionary statements** none

**Special labelling** EUH210 Safety data sheet available on request.

### 2.3 Other hazards

**Human health dangers** Frequent persistent contact with the skin can cause skin irritation.  
If swallowed or in the event of vomiting, risk of product entering the lungs.

**Environmental hazards** Does not contain any PBT or vPvB substances.  
Contains no ingredients with endocrine-disrupting properties.

**Other hazards** Further hazards were not determined with the current level of knowledge.

## SECTION 3: Composition / Information on ingredients

### 3.1 Substances

not applicable

SWAG Autoteile GmbH  
42117 Wuppertal

Date printed 27.09.2024, Revision 27.09.2024

Version 1.0 Page 2 / 11

### 3.2 Mixtures

The product is a mixture.

| Range [%] | Substance   |
|-----------|---|
| 25 - 50   | 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 |
|           | GHS/CLP: Asp. Tox. 1: H304  |

Comment on component parts For full text of H-statements: see SECTION 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

|                     |   |
|---------------------|---|
| General information | Take off contaminated clothing and wash before reuse.   |
| Inhalation          | Ensure supply of fresh air.<br>In the event of symptoms seek medical treatment.   |
| Skin contact        | In case of contact with skin wash off immediately with soap and water.<br>Consult a doctor if skin irritation persists.   |
| Eye contact         | 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. |
| Ingestion           | 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              | Fire extinguishing method of surrounding areas must be considered.<br>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.  
Phosphorus oxides (PO<sub>x</sub>).  
Sulphur oxides (SO<sub>x</sub>).  
Nitrogen oxides (NO<sub>x</sub>).

### 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.  
Use personal protective equipment (protective gloves, safety glasses, protective clothing).  
Ensure adequate ventilation.

### 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.

### 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.  
Protect from heat/overheating.

### 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 (UK)

|   |
|---|
| 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>   |

#### Ingredients with occupational exposure limits to be monitored EU (2004/37/EG)

not relevant

#### DNEL

|  |
|--|
| Substance  |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7 |
| Industrial, inhalative, Long-term - systemic effects, 2.73 mg/m <sup>3</sup>                           |
| Industrial, inhalative, Long-term - local effects, 5.58 mg/m <sup>3</sup>                              |
| Industrial, dermal, Long-term - systemic effects, 970 µg/kg bw/day                                     |
| general population, inhalative, Long-term - local effects, 1.19 mg/m <sup>3</sup>                      |
| general population, oral, Long-term - systemic effects, 740 µg/kg bw/day                               |

#### PNEC

|  |
|--|
| Substance  |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7 |
| oral (food), 9,33 mg/kg  |

### 8.2 Exposure controls

|  |   |
|--|---|
| <b>Additional advice on system design</b>                          | <p>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.</p> |
| <b>Eye protection</b>  | <p>If there is a risk of splashing:<br/>                 safety glasses</p>   |
| <b>Hand protection</b>   | <p>The details concerned are recommendations. Please contact the glove supplier for further information.<br/>                 &gt;0,11 mm; Nitrile rubber, &gt;480 min (EN 374-1/-2/-3).</p>  |
| <b>Skin protection</b>   | <p>light protective clothing</p>  |
| <b>Other</b>   | <p>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.</p>   |
| <b>Respiratory protection</b>                                      | <p>In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection.<br/>                 Short term: filter apparatus, combination filter A-P1. (DIN EN 14387)</p>  |
| <b>Thermal hazards</b>   | <p>none</p>   |
| <b>Delimitation and monitoring of the environmental exposition</b> | <p>Comply with applicable environmental regulations limiting discharge to air, water and soil.</p>  |

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|   |   |
|---|---|
| Physical state  | liquid  |
| Form  | liquid  |
| Color   | brown   |
| Odor  | like mineral oil                              |
| Odour threshold   | not relevant                                  |
| pH-value  | not applicable                                |
| pH-value [1%]   | not applicable                                |
| Boiling point or initial boiling point and boiling range [°C] | No information available.                     |
| Flash point [°C]  | 220 (ISO 2592)                                |
| Flammability  | No information available.                     |
| Lower explosion limit   | 0,6 Vol.-%                                    |
| Upper explosion limit   | 6,5 Vol.-%                                    |
| Oxidising properties  | no  |
| Vapour pressure/gas pressure [kPa]                            | No information available.                     |
| Density [g/cm <sup>3</sup> ]                                  | 0,859 (DIN 51757) (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 (log value)             | No information available.                     |
| Kinematic viscosity   | 82,8 mm <sup>2</sup> /s (40°C) (DIN 51562/T1) |
| Relative vapour density                                       | 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: -39

## 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.



**SWAG Autoteile GmbH**  
**42117 Wuppertal**

Date printed 27.09.2024, Revision 27.09.2024

Version 1.0

Page 6 / 11

### **10.5 Incompatible materials**

Oxidizing agent

### **10.6 Hazardous decomposition products**

In the case of heating following (decomposition) products may occur:  
Hydrogen sulfide (H<sub>2</sub>S).

## SECTION 11: Toxicological information

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

#### Acute oral toxicity

|  |
|--|
| Product  |
| Based on the available information, the classification criteria are not fulfilled.                     |
| Substance  |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7 |
| LD50, oral, Rat, 5000 mg/kg bw   |

#### Acute dermal toxicity

|  |
|--|
| Product  |
| Based on the available information, the classification criteria are not fulfilled.                     |
| Substance  |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7 |
| LD50, dermal, Rabbit, 2000 - 5000 mg/kg bw   |

#### Acute inhalational toxicity

|  |
|--|
| Product  |
| Based on the available information, the classification criteria are not fulfilled.                     |
| Substance  |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7 |
| LC50, inhalative, Rat, 2.18 - 5.53 mg/L air, 4h  |

**Serious eye damage/irritation** Based on the available information, the classification criteria are not fulfilled.

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

**Respiratory or skin sensitisation** Based on the available information, the classification criteria are not fulfilled.

**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  |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7 |
| NOAEL, dermal, Rat, 30 - 2000 mg/kg bw/day   |
| NOAEL, dermal, Rabbit, 1000 mg/kg bw/day   |
| NOAEC, 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.

**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                    |

**- Development** No information available.

SWAG Autoteile GmbH  
42117 Wuppertal

Date printed 27.09.2024, Revision 27.09.2024

Version 1.0

Page 8 / 11

**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.

## 11.2 Information on other hazards

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

**11.2.2 Other information** none

## SECTION 12: Ecological information

### 12.1 Toxicity

|  |
|--|
| Product  |
| Based on the available information, the classification criteria are not fulfilled.                     |
| Substance  |
| Destillates (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  |

### 12.2 Persistence and degradability

**Behaviour in environment compartments** not determined

**Behaviour in sewage plant** Can be separated out mechanically in purification plants.

**Biological degradability** The product is only slightly biodegradable.  
Slightly eliminable from water.

|  |
|--|
| Substance  |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7 |
| The product is not readily biodegradable.  |

### 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.  
Do not discharge product unmonitored into the environment.

## 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.  
Disposal in an incineration plant in accordance with the regulations of the local authorities.

#### 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

SWAG Autoteile GmbH  
42117 Wuppertal

Date printed 27.09.2024, Revision 27.09.2024

Version 1.0 Page 10 / 11

#### 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 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/EG (2000/532/EC ); 2010/75/EU; 2004/42/EG; (EG) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EWG ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014; (EU) 2019/1148; (EU) 2019/1021, (EU) 2023/707                         |
| - Comment on component parts                 | Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.   |
| - Annex XIV (REACH)                          | According to Annex XIV of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances $\geq$ 0.1% that are subject to authorisation.  |
| - Annex XVII (REACH)                         | According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances $\geq$ 0.1% that are restricted.<br>According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product is not subject to any restrictions. |
| <b>TRANSPORT-REGULATIONS</b>                 | ADR (2023); IMDG-Code (2023, 41. Amdt.); IATA-DGR (2024)  |
| <b>NATIONAL REGULATIONS (UK):</b>            | EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.  |
| - Observe employment restrictions for people | 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)

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

Modified position none