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

### 1.1 Product identifier

**SWAG 33 10 1209 Engine Oil SAE 5W-30 D1**
**Article number: 33 10 1209, 33 10 1210, 33 10 1211**

### 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
E-mail info@swag.de

**Address enquiries to**

**Technical information** info@swag.de

**Safety Data Sheet** 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]

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** none

**Signal word** none

**Hazard statements** H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements** P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with local/national regulation.

**UFI:** 6GTC-5G45-V00M-MAPH

### 2.3 Other hazards

**Physico-chemical hazards** No particular hazards known.

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

**Environmental hazards** Does not contain any PBT or vPvB substances.

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

## SECTION 3: Composition / Information on ingredients

### 3.1 Substances

**not applicable**

### 3.2 Mixtures

**The product is a mixture.**

| Range [%] | Substance |
|---|---|
| 50 - < 100 | 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 |
| 1 - < 5 | Bis(nonylphenyl)amine |
| | CAS: 36878-20-3, EINECS/ELINCS: 253-249-4, Reg-No.: 01-2119488911-28-XXXX |
| | GHS/CLP: Aquatic Chronic 4: H413 |
| 0,01 - < 0,1 | Phenol, dodecyl-, branched |
| | CAS: 121158-58-5, EINECS/ELINCS: 310-154-3, EU-INDEX: 604-092-00-9, Reg-No.: 01-2119513207-49-XXXX |
| | GHS/CLP: Skin Corr. 1C: H314 - Repr. 1B: H360 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410 - Eye Dam. 1: H318,<br>M_acute = 10 |

**Comment on component parts** All chemical substances in this material are included on or exempted from listing on the IECSC Inventory.
Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
For full text of H-statements and R-phrases: see SECTION 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General information** Change soaked clothing.

**Inhalation** Ensure supply of fresh air.
In the event of symptoms seek medical treatment.

**Skin contact** In case of contact with skin wash off immediately with soap and water.
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.
If eye irritation persists: Get medical advice/attention.

**Ingestion** Consult a doctor immediately.
Rinse out mouth and give plenty of water to drink.
Do not induce vomiting.

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

If swallowed or in the event of vomiting, risk of product entering the lungs.

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

Treat symptomatically.
Forward this sheet to the 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

Risk of formation of toxic pyrolysis products.
Carbon monoxide (CO)
Sulphur oxides (SOx).
Nitrogen oxides (NOx).
Hydrogen sulfide ((H2S).

### 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 within 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

Wash hands before breaks and after work.
Do not eat, drink or smoke when using this product.
Use barrier skin cream.
Take off contaminated clothing and wash before reuse.
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.
Do not store together with food and animal food/diet.

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 (GB)**

not applicable

**DNEL**

| Substance |
|---|
| Phenol, dodecyl-, branched, CAS: 121158-58-5 |
| Industrial, inhalative (mist), Acute - systemic effects: 44,18 mg/m³. |
| Industrial, dermal, Long-term - systemic effects: 0,25 mg/kg bw. |
| Industrial, dermal, Acute - systemic effects: 166 mg/kg bw. |
| general population, inhalative (mist), Long-term - systemic effects: 0,79 mg/m³. |
| general population, inhalative (mist), Acute - systemic effects: 13,26 mg/m³. |
| general population, dermal, Long-term - systemic effects: 0,075 mg/kg bw. |
| general population, dermal, Acute - systemic effects: 50 mg/kg bw. |
| general population, oral, Long-term - systemic effects: 0,075 mg/kg bw. |
| Bis(nonylphenyl)amine, CAS: 36878-20-3 |
| Industrial, dermal, Long-term - systemic effects: 5 mg/kg bw/day. |
| general population, oral, Long-term - systemic effects: 0,25 mg/kg bw/day. |
| general population, dermal, Long-term - systemic effects: 2,5 mg/kg bw/day. |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7 |
| Industrial, dermal, Long-term - systemic effects: 1 mg/kg bw/day. |
| Industrial, inhalative, Long-term - local effects: 5,6 mg/m³. |
| Industrial, inhalative, Long-term - systemic effects: 2,7 mg/m³. |
| general population, oral, Long-term - systemic effects: 0,74 mg/kg bw/day. |

**PNEC**

| Substance |
|---|
| Phenol, dodecyl-, branched, CAS: 121158-58-5 |
| oral (food), 4 mg/kg. |
| freshwater, 0,000074 mg/l. |
| sediment (freshwater), 0,226 mg/kg. |
| sediment (seawater), 0,0226 mg/kg. |
| seawater, 0,0000074 mg/l. |
| soil, 0,188 mg/kg. |
| Bis(nonylphenyl)amine, CAS: 36878-20-3 |
| soil, 263000 mg/kg. |
| sediment (seawater), 13200 mg/kg. |
| sediment (freshwater), 132000 mg/kg. |
| sewage treatment plants (STP), 1 mg/l. |
| seawater, 0,01 mg/l. |
| freshwater, 0,1 mg/l. |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7 |
| oral (food), 9,33 mg/kg. |

### 8.2 Exposure controls

| | |
|---|---|
| **Additional advice on system design** | Ensure adequate ventilation on workstation.<br>General exposure limit for oil mist should be noted.<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. |
| **Eye protection** | Safety glasses. (EN 166:2001) |
| **Hand protection** | The details concerned are recommendations. Please contact the glove supplier for further information.<br>> 0,11 mm: Nitrile rubber, >480 min (EN 374-1/-2/-3). |
| **Skin protection** | Light protective clothing. |
| **Other** | 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. |
| **Respiratory protection** | Breathing apparatus in the event of aerosol or mist formation.<br>Short term: filter apparatus, combination filter A-P1. (DIN EN 14387) |
| **Thermal hazards** | No information available. |
| **Delimitation and monitoring of the environmental exposition** | 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

| | |
|---|---|
| **Form** | liquid |
| **Color** | light brown |
| **Odor** | characteristic |
| **Odour threshold** | No information available. |
| **pH-value** | not applicable |
| **pH-value [1%]** | No information available. |
| **Boiling point [°C]** | No information available. |
| **Flash point [°C]** | 234 |
| **Flammability (solid, gas) [°C]** | not applicable |
| **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/ml]** | ca. 0,84 (15 °C / 59,0 °F) |
| **Bulk density [kg/m³]** | not applicable |
| **Solubility in water** | virtually insoluble |
| **Partition coefficient [n-octanol/water]** | No information available. |
| **Viscosity** | 60,55 mm²/s (40°C) |
| **Relative vapour density determined in air** | No information available. |
| **Evaporation speed** | No information available. |
| **Melting point [°C]** | No information available. |
| **Autoignition temperature [°C]** | No information available. |
| **Decomposition temperature [°C]** | No information available. |

### 9.2 Other information

No information available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

See SECTION 10.3.

### 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 acids.
Strong heating, because the thermal decomposition starts from > 100°C.

### 10.5 Incompatible materials

Oxidizing agent
Acids
Strong basic compounds

### 10.6 Hazardous decomposition products

In the case of heating following (decomposition) products may occure:
Hydrogen sulfide ($H_2S$).

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

**Acute toxicity**

| Product |
|---|
| inhalative, Based on the available information, the classification criteria are not fulfilled.: |
| dermal, Based on the available information, the classification criteria are not fulfilled.: |
| oral, 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. |
| LD50, oral, Rat: 2100 mg/kg bw. |
| Bis(nonylphenyl)amine, CAS: 36878-20-3 |
| LD50, dermal, Rat: >2000 mg/kg (OECD 402). |
| LD50, oral, Rat: >5000 mg/kg (OECD 401). |
| Destillates (petroleum), hydrotreated heavy paraffinic (containing < 3% DMSO-extract), CAS: 64742-54-7 |
| LD50, dermal, Rabbit: > 2000 mg/kg. |
| LD50, oral, Rat: > 5000 mg/kg. |
| LC50, dermal, Rat: 2,18 mg/l. |

| | |
|---|---|
| **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. |
| **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. |
| **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.

## 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. |

### 12.2 Persistence and degradability

| | |
|---|---|
| **Behaviour in environment compartments** | not determined |
| **Behaviour in sewage plant** | not determined |
| **Biological degradability** | 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 Other adverse effects

Ecological data of complete product are not available.
Do not discharge product unmonitored into the environment or into the drainage.
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**

Coordinate disposal with the authorities if necessary.
Disposal in an incineration plant in accordance with the regulations of the local authorities.
In according to RoHS!

**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) 2015/830; (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)** | not applicable |

### 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.
H413 May cause long lasting harmful effects to aquatic life.
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
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** Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. (Calculation method)

**Modified position** none