## SWAG Autoteile GmbH

#### 42117 Wuppertal

Date printed 26.03.2024, Revision 26.03.2024

SWAG®

Version 14.0. Supersedes version: 13.0 Page 1 / 13

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

#### 1.1 Product identifier

antifreeze Article number: 99 90 1381, 32 92 2274, 32 92 2272, 30 93 3830, 30 91 2710, 30 97 1381

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

#### 1.2.1 Relevant uses

Anti-freezing agents

#### 1.2.2 Uses advised against

For all uses not specified in SECTION 1.2.1

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

| Company |
|---------|
|---------|

1.4

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 |
| 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]

Acute Tox. 4: H302 Harmful if swallowed. STOT RE 2: H373 May cause damage to organs through prolonged or repeated exposure.

2.2 Label elements

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

| Hazard pictograms        |   |
|--------------------------|---|
| Signal word              | WARNING   |
| Contains:                | Ethylene glycol   |
| Hazard statements        | H302 Harmful if swallowed.<br>H373 May cause damage to organs through prolonged or repeated exposure.   |
| Precautionary statements | <ul> <li>P101 If medical advice is needed, have product container or label at hand.</li> <li>P102 Keep out of reach of children.</li> <li>P260 Do not breathe vapours.</li> <li>P270 Do no eat, drink or smoke when using this product.</li> <li>P301+P312 IF SWALLOWED: Call a POISON CENTER / doctor if you feel unwell.</li> <li>P314 Get medical advice / attention if you feel unwell.</li> <li>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.</li> </ul> |

## SWAG Autoteile GmbH

#### 42117 Wuppertal

Date printed 26.03.2024, Revision 26.03.2024



Version 14.0. Supersedes version: 13.0 Page 2 / 13

#### 2.3 Other hazards

| Human health dangers  | If swallowed or in the event of vomiting, risk of product entering the lungs.<br>Frequent persistent contact with the skin can cause skin irritation. |
|-----------------------|---|
| Environmental hazards | Does not contain any PBT or vPvB substances.<br>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

#### 3.2 Mixtures

#### The product is a mixture.

| Range [%]  | Substance   |
|------------|---|
| 60 - < 100 | Ethylene glycol   |
|            | CAS: 107-21-1, EINECS/ELINCS: 203-473-3, EU-INDEX: 603-027-00-1, Reg-No.: 01-2119456816-28-XXXX |
|            | GHS/CLP: Acute Tox. 4: H302 - STOT RE 2: H373   |
| 1 - <2,5   | Potassium 3,5,5-trimethylhexanoate  |
|            | CAS: 93918-10-6, EINECS/ELINCS: 299-890-3   |
|            | GHS/CLP: Skin Irrit. 2: H315 - Eye Irrit. 2: H319   |
| <0,3       | Methyl-1H-benzotriazole   |
|            | CAS: 29385-43-1, EINECS/ELINCS: 249-596-6, Reg-No.: 01-2119979081-35-XXXX                       |
|            | GHS/CLP: Acute Tox. 4: H302 - Repr. 2: H361d - Aquatic Chronic 2: H411                          |

#### 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 | Change soaked clothing.   |
|---------------------|---|
| 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>Rinse out mouth and give plenty of water to drink.<br>Do not induce vomiting.  |

#### 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. If swallowed or in the event of vomiting, risk of product entering the lungs. Forward this sheet to your doctor.

## SWAG Autoteile GmbH

## 42117 Wuppertal

Date printed 26.03.2024, Revision 26.03.2024



Version 14.0. Supersedes version: 13.0 Page 3 / 13

| SEC | TION 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  |  |
|     |   | Risk of formation of toxic pyrolysis products.<br>Carbon monoxide (CO)  |  |
| 5.3 | Advice for firefighters                   |   |  |
|     |   | Use self-contained breathing apparatus.   |  |
|     |   | Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.   |  |
| SEC | TION 6: Accidental release measu          | res   |  |
| 6.1 | Personal procautions protective           | equipment and emergency procedures  |  |
| 0.1 | Personal precautions, protective          | equipment and emergency procedures<br>High risk of slipping due to leakage/spillage of product.<br>Forms slippery surfaces with water.<br>Ensure adequate ventilation.<br>Use personal protective equipment (protective gloves, safety glasses, protective clothing). |  |
| 6.2 | 2 Environmental precautions               |   |  |
|     |   | Prevent spread over a wide area (e.g. by containment or oil barriers).<br>Do not discharge into the drains/surface waters/groundwater.  |  |
| 6.3 | Methods and material for contain          | ment and cleaning up  |  |
|     |   | Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous earth).<br>Dispose of absorbed material in accordance within the regulations.  |  |
| 6.4 | Reference to other sections               |   |  |
|     |   | See SECTION 8+13  |  |
| SEC | TION 7: Handling and storage              |   |  |
| 7.1 | Precautions for safe handling             |   |  |
|     | -   | Use only in well-ventilated areas.  |  |
|     |   | Take off contaminated clothing and wash before reuse.<br>Do not eat, drink or smoke when using this product.<br>Use barrier skin cream.<br>Wash hands before breaks and after work.<br>Contaminated work clothing should not be allowed out of the workplace.         |  |
| 7.2 | Conditions for safe storage, inclu        | uding any incompatibilities   |  |
|     |   | Keep only in original container.<br>Prevent penetration into the ground.  |  |
|     |   | Do not store together with oxidizing agents.<br>Do not store together with food and animal food/diet.   |  |
|     |   | Keep container tightly closed.<br>Keep container in a well-ventilated place.<br>Protect from heat/overheating.  |  |

# SWAG Autoteile GmbH 42117 Wuppertal

Date printed 26.03.2024, Revision 26.03.2024



Version 14.0. Supersedes version: 13.0 Page 4 / 13

7.3 Specific end use(s)

See product use, SECTION 1.2

## SWAG Autoteile GmbH

#### 42117 Wuppertal

Date printed 26.03.2024, Revision 26.03.2024

Version 14.0. Supersedes version: 13.0 Page 5 / 13

#### SECTION 8: Exposure controls / personal protection

#### 8.1 Control parameters

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

| Substance   |  |
|---|--|
| Ethylene glycol   |  |
| CAS: 107-21-1, EINECS/ELINCS: 203-473-3, EU-INDEX: 603-027-00-1, Reg-No.: 01-2119456816-28-XXXX |  |
| Long-term exposure: 20 ppm, 52 mg/m <sup>3</sup> , Vapour, particulate: 10 mg/m <sup>3</sup>    |  |
| Short-term exposure (15-minute): 40 ppm, 104 mg/m <sup>3</sup>                                  |  |

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

| Substance / EC LIMIT VALUES |  |
|-----------------------------|--|
| Ethylene gly                | ycol   |
| CAS: 107-2                  | 21-1, EINECS/ELINCS: 203-473-3, EU-INDEX: 603-027-00-1, Reg-No.: 01-2119456816-28-XXXX |
| Eight hours                 | s: 20 ppm, 52 mg/m³, H   |
| Short-term                  | (15-minute): 40 ppm, 104 mg/m <sup>3</sup>   |

#### DNEL

PNEC

| Substanc    | e  |
|-------------|--|
| Methyl-1H   | I-benzotriazole, CAS: 29385-43-1   |
| Industrial, | inhalative, Long-term - systemic effects, 21.2 mg/m <sup>3</sup>           |
| Industrial, | dermal, Long-term - systemic effects, 300 µg/kg bw/day                     |
| general p   | opulation, inhalative, Long-term - systemic effects, 350 μg/m <sup>3</sup> |
| general p   | opulation, dermal, Long-term - systemic effects, 10 μg/kg bw/day           |
| general p   | opulation, oral, Long-term - systemic effects, 10 μg/kg bw/day             |
| Ethylene    | glycol, CAS: 107-21-1  |
| Industrial, | inhalative, Long-term - local effects, 35 mg/m <sup>3</sup>                |
| Industrial, | dermal, Long-term - systemic effects, 106 mg/m <sup>3</sup>                |
| general p   | opulation, inhalative, Long-term - local effects, 7 mg/m <sup>3</sup>      |
| general p   | opulation, dermal, Long-term - systemic effects, 53 mg/m <sup>3</sup>      |
| Substanc    | e  |
| Methvl-1H   | I-benzotriazole, CAS: 29385-43-1   |
| freshwate   |  |
| seawater,   |  |
|             | eatment plants (STP), 39.4 mg/L  |
| sediment    | (freshwater), 117 µg/kg sediment dw  |
| sediment    | (seawater), 292 µg/kg sediment dw  |
| soil, 18.7  | μg/kg soil dw  |
| Ethylene    | glycol, CAS: 107-21-1  |
| sediment    | (seawater), 3,7 mg/kg  |
| sewage tr   |  |
|             | eatment plants (STP), 199,5 mg/l (AF=10)                                   |
| soil, 1,53  |  |

sediment (freshwater), 37 mg/kg

## SWAG Autoteile GmbH

#### 42117 Wuppertal

Date printed 26.03.2024, Revision 26.03.2024



Version 14.0. Supersedes version: 13.0 Page 6 / 13

#### 8.2 Exposure controls

| Additional advice on system design                             | Ensure adequate ventilation on workstation.<br>Measurement methods for taking workplace measurements must meet the performance<br>requirements of DIN EN 482. For example, recommendations are given in the IFA's list of<br>hazardous substances.   |
|--|--|
| Eye protection   | Safety glasses. (EN 166:2001)  |
| Hand protection  | The details concerned are recommendations. Please contact the glove supplier for further information. >0,4 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,<br>depending on concentration and quantity handled. The resistance of this equipment to<br>chemicals should be ascertained with the respective supplier.<br>Avoid contact with eyes and skin.<br>Do not inhale vapours. |
| Respiratory protection   | 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-P2. (DIN EN 14387)  |
| Thermal hazards  | No information available.  |
| Delimitation and monitoring of the<br>environmental exposition | Protect the environment by applying appropriate control measures to prevent or limit emissions.  |

## **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

| information on basic physical and                                | a chemical properties            |
|--|----------------------------------|
| Physical state   | liquid                           |
| Form   | liquid                           |
| Color  | red                              |
| Odor   | characteristic                   |
| Odour threshold  | No information available.        |
| pH-value   | 7 - 8,5 (50%)                    |
| pH-value [1%]  | No information available.        |
| Boiling point or initial boiling point<br>and boiling range [°C] | 120                              |
| Flash point [°C]   | >110 (DIN 51758)                 |
| Flammability   | No information available.        |
| Lower explosion limit  | No information available.        |
| Upper explosion limit  | No information available.        |
| Oxidising properties   | no                               |
| Vapour pressure/gas pressure [kPa]                               | <0,01 (20°C)                     |
| Density [g/cm³]  | 1,12 (DIN 51757)                 |
| Relative density   | not determined                   |
| Bulk density [kg/m³]   | not applicable                   |
| Solubility in water  | miscible                         |
| Solubility other solvents  | No information available.        |
| Partition coefficient n-octanol/water (log value)                | No information available.        |
| Kinematic viscosity  | ca. 9,4 mm²/s (40°C) (DIN 51562) |
| 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.        |
|  |                                  |

## SWAG Autoteile GmbH

#### 42117 Wuppertal

Date printed 26.03.2024, Revision 26.03.2024

SWAG

Version 14.0. Supersedes version: 13.0 Page 7 / 13

#### 9.2 Other information

Pour point: ca. -38°C (50 Vol-% in H2O)

#### **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 acids, alkalies and oxidizing agents.

#### 10.4 Conditions to avoid

Strong heating.

#### 10.5 Incompatible materials

Oxidizing agent Acids Strong basic compounds

#### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SWAG Autoteile GmbH

#### 42117 Wuppertal

Date printed 26.03.2024, Revision 26.03.2024

#### **SECTION 11: Toxicological information**

Product

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

#### Acute oral toxicity

Based on the available information, the classification criteria are fulfilled.

| - |                        |       |              |        |    |
|---|------------------------|-------|--------------|--------|----|
|   | ATE :                  |       | <b>FOO</b> 4 | /1     |    |
|   | ATE-mix,               | oral  | 538.4        | ma/ka  | bw |
| 1 | / ( ) <b>C</b> 1111/(, | orai, | 000, 1       | ing/ng |    |

| Substance                                |
|--|
| Methyl-1H-benzotriazole, CAS: 29385-43-1 |
| LD50, oral, Rat, 720 mg/kg (Lit.)        |
| NOAEL, oral, Rat, 150 mg/kg bw/day       |
| Ethylene glycol, CAS: 107-21-1           |
| LD50, oral, Rat, 7712 mg/kg bw           |
| ATE, oral, 500 mg/kg (Acute Tox. 4)      |

#### Acute dermal toxicity

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

#### Product

ATE-mix, dermal, >2000 mg/kg bw

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

| Substance                                |
|--|
| Methyl-1H-benzotriazole, CAS: 29385-43-1 |
| LD50, dermal, Rat, > 2000 mg/kg          |
| Ethylene glycol, CAS: 107-21-1           |
| LD50, dermal, mouse, > 3500 mg/kg bw     |

#### Acute inhalational toxicity

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

#### Product

| ATE-mix, inhalation (vapour ), >20 mg/L   |  |
|---|--|
|   |  |
| Substance                                 |  |
| Ethylene glycol, CAS: 107-21-1            |  |
| LC50, inhalative, Rat, > 2,5 mg/L air, 6h |  |

#### Serious eye damage/irritation

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

| Substance                                  |
|--|
| Ethylene glycol, CAS: 107-21-1             |
| Eye, Rabbit, In vivo study, non-irritating |

#### Skin corrosion/irritation

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

#### Substance

Ethylene glycol, CAS: 107-21-1

dermal, Rabbit, In vivo study, non-irritating

Respiratory or skin sensitisation

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

#### Substance

| Ethylene glycol, CAS: 107-21-1 |
|--------------------------------|
|                                |

dermal, Guinea pig, In vivo study, non-sensitizing



#### SWAG Autoteile GmbH

#### 42117 Wuppertal



 Date printed 26.03.2024, Revision 26.03.2024
 Version 14.0. Supersedes version: 13.0
 Page 9 / 13

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

 Specific target organ toxicity — repeated exposure
 May cause damage to organs through prolonged or repeated exposure.

 Substance
 Ethylene glycol, CAS: 107-21-1

 NOAEL, dermal, Dog, 2200 mg/kg bw/day, adverse effect observed

 NOEL, oral, Rat, 150 mg/kg bw/day, OECD 408, adverse effect observed

#### Mutagenicity

Does not contain a relevant substance that meets the classification criteria.

Substance Ethylene glycol, CAS: 107-21-1 in vitro, OECD 471, no adverse effect observed

#### **Reproduction toxicity**

This product contains one or more substances of categorie Repr. 2 (CLP).

#### - Fertility

| Substance   |
|---|
| Ethylene glycol, CAS: 107-21-1                                    |
| NOAEL, oral, Rat, > 1000 mg/kg bw/day, no adverse effect observed |

#### - Development

| Substance  |  |
|--|--|
| Ethylene glycol, CAS: 107-21-1                                 |  |
| NOAEL, oral, Rat, 500 mg/kg bw/day, no adverse effect observed |  |

#### Carcinogenicity

Does not contain a relevant substance that meets the classification criteria.

# Substance Ethylene glycol, CAS: 107-21-1 NOAEL, oral, Rat, 1000 mg/kg bw/day, In vivo study, no adverse effect observed

| 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<br>properties | Contains no ingredients with endocrine-disrupting properties. |
|---|---|
| 11.2.2 Other information                  | none  |

## SWAG Autoteile GmbH

42117 Wuppertal

Date printed 26.03.2024, Revision 26.03.2024



Version 14.0. Supersedes version: 13.0 Page 10 / 13

#### **SECTION 12: Ecological information**

#### 12.1 Toxicity

| Substance                                    |
|--|
| Methyl-1H-benzotriazole, CAS: 29385-43-1     |
| LC50, (96h), fish, 55 - 180 mg/L             |
| EC50, (48h), Invertebrates, 8.58 - 15.8 mg/L |
| EC50, (72h), Algae, 29 - 75 mg/L             |
| NOEC, (21d), Invertebrates, 18.4 mg/L        |
| Ethylene glycol, CAS: 107-21-1               |
| LC50, (3d), fish, 72.86 g/L                  |
| LC50, (28d), fish, 1,5 g/L                   |
| EC50, (48h), Invertebrates, 100 mg/L         |
| EC50, (21d), Invertebrates, 33,911 g/L       |
| EC50, (4d), Invertebrates, 3,536 - 13 g/L    |

#### 12.2 Persistence and degradability

| Behaviour in environment<br>compartments |                |
|--|----------------|
| 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. Do not discharge product unmonitored into the environment or into the drainage.

## SWAG Autoteile GmbH

#### 42117 Wuppertal

Date printed 26.03.2024, Revision 26.03.2024



Version 14.0. Supersedes version: 13.0 Page 11 / 13

#### **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   |  |
|------|---|--|
|      |   | Dispose of as hazardous waste.<br>Disposal in an incineration plant in accordance with the regulations of the local authorities. |
|      | Waste no. (recommended)   | 160114*  |
|      | Contaminated packaging  |  |
|      |   | Uncontaminated packaging may be taken for recycling.<br>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<br>150102<br>150104                             |
| SEC  | TION 14: Transport information  |  |
| 14.1 | UN number or ID number  |  |
|      | Transport by land according to<br>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<br>Transport by land according to<br>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)<br>Transport by land according to<br>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 26.03.2024, Revision 26.03.2024



Version 14.0. Supersedes version: 13.0 Page 12 / 13

| 14.4 | Packing group<br>Transport by land according to<br>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                                      |                |
| 1410 | Transport by land according to<br>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                               |                |

#### 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**

| Safety, health and environmental             | ety, health and environmental regulations/legislation specific for the substance or mixture  |  |  |
|--|--|--|--|
| EEC-REGULATIONS                              | 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 I (REACH)                            | The product is not subject to Annex I restrictions.  |  |  |
| - Annex XIV (REACH)                          | According to Annex XIV of Regulation (EC) 1907/2006 (REACH) the product does not conta 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 contains $\geq$ 0.1 of substances with the following restrictions. 75   |  |  |
|  | According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product is subject to the following restrictions.   |  |  |
| TRANSPORT-REGULATIONS                        | ADR (2023); IMDG-Code (2023, 41. Amdt.); IATA-DGR (2024)   |  |  |
| NATIONAL REGULATIONS (UK):                   | 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.

#### SWAG Autoteile GmbH

#### 42117 Wuppertal

Date printed 26.03.2024, Revision 26.03.2024



Version 14.0. Supersedes version: 13.0 Page 13 / 13

#### **SECTION 16: Other information**

#### 16.1 Hazard statements (SECTION 3)

H411 Toxic to aquatic life with long lasting effects.

H361d Suspected of damaging the unborn child.

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H373 May cause damage to organs through prolonged or repeated exposure. H302 Harmful if swallowed.

#### 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 | Acute Tox. 4: H302 Harmful if swallowed. (Calculation method)<br>STOT RE 2: H373 May cause damage to organs through prolonged or repeated exposure.<br>(Calculation method) |
|--------------------------|---|
| Modified position        | 1.1, 1.3, 2.2, 2.3, 3.2, 5.1, 6.1, 8.1, 8.2, 9.1, 9.2, 11.1, 11.2, 12.6, 12.7, 15.1, 16.2, 16.3   |