

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

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Version 14.0. Supersedes version: 13.1

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

### 1.1 Product identifier

**automatic transmission fluid (ATF)**

**Article number: 10 93 3889, 10 10 0706, 10 10 0707, 10 10 8991, 33 11 1633**

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

#### 1.2.1 Relevant uses

Lubricant

#### 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]

Asp. Tox. 1: H304 May be fatal if swallowed and enters airways.

### 2.2 Label elements

#### Hazard pictograms



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

#### Signal word

**DANGER**

#### Contains:

Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based

#### Hazard statements

H304 May be fatal if swallowed and enters airways.

#### Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER / doctor.

P331 Do NOT induce vomiting.

P405 Store locked up.

P501 Dispose of contents / container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

### 2.3 Other hazards

#### Human health dangers

If swallowed or in the event of vomiting, risk of product entering the lungs.  
The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

#### Environmental hazards

Does not contain any PBT or vPvB substances.  
The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

#### Other hazards

No particular hazards known.

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### SECTION 3: Composition / Information on ingredients

#### 3.1 Substances not applicable

#### 3.2 Mixtures

The product is a mixture.

| Range [%]    | Substance   |
|--------------|---|
| 50 - < 100   | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based<br>CAS: 72623-87-1, EINECS/ELINCS: 276-738-4, EU-INDEX: 649-483-00-5, Reg-No.: 01-2119474889-13-XXXX<br>GHS/CLP: Asp. Tox. 1: H304   |
| 0,1 - < 0,25 | 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol<br>CAS: 1218787-32-6, EINECS/ELINCS: 620-540-6, Reg-No.: 01-2119510877-33-XXXX<br>GHS/CLP: Acute Tox. 4: H302 - Skin Corr. 1C: H314 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410,<br>M-Factor (acute): 10, M-Factor (chronic): 1 |
| 0,01 - < 0,1 | 3-((C9-11-iso,C10-rich)alkyloxy)propan-1-amine<br>EINECS/ELINCS: 939-485-7, Reg-No.: 01-2119974116-35-XXXX<br>GHS/CLP: Acute Tox. 4: H302 - Skin Corr. 1B: H314 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410,<br>M-Factor (acute): 100, M-Factor (chronic): 1  |
| 0,01 - < 0,1 | N,N-Dimethyl-n-octadecylamine<br>CAS: 124-28-7, EINECS/ELINCS: 204-694-8, Reg-No.: 01-2119486676-20-XXXX<br>GHS/CLP: Skin Corr. 1B: H314 - Acute Tox. 4: H302 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410,<br>M-Factor (acute): 10, M-Factor (chronic): 1   |

#### Comment on component parts

For full text of H-statements: see SECTION 16.  
Contains less than 3% w/w DMSO-extract (only for mineral oils)

### 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

When in contact with the skin, clean 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

Do not induce vomiting.  
Consult a doctor immediately.

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

Headache  
Irritant effects

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

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

### 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)  
Nitrogen oxides (NOx).

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### 5.3 Advice for firefighters

Do not inhale explosion and/or combustion gases.

Use self-contained breathing apparatus.

Collect contaminated firefighting water separately, must not be discharged into the drains.

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

Some risk of slipping due to 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.

Do not discharge into the subsoil/soil.

In case the product spills into drains/surface waters/groundwater, immediately inform the authorities.

### 6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous earth).

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.

Use only in well-ventilated areas.

Keep away from sources of ignition - refrain from smoking.

Ignitable mixtures can be formed in the empty container.

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

After worktime and before work breaks the affected skin areas must be thoroughly cleaned.

Use barrier skin cream.

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 tightly closed container.

Prevent penetration into the ground.

Do not store together with food and animal food/diet.

Keep container in a well-ventilated place.

Protect from heat/overheating and from sun.

### 7.3 Specific end use(s)

See product use, SECTION 1.2

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## SECTION 8: Exposure controls / personal protection

### 8.1 Control parameters

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

not relevant

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

not relevant

#### DNEL

| Substance   |
|---|
| N,N-Dimethyl-n-octadecylamine, CAS: 124-28-7  |
| Industrial, inhalative, Long-term - systemic effects, 1 mg/m <sup>3</sup>                     |
| Industrial, inhalative, Long-term - local effects, 1 mg/m <sup>3</sup>                        |
| Industrial, inhalative, Acute - local effects, 1 mg/m <sup>3</sup>                            |
| general population, oral, Long-term - systemic effects, 0.5 mg/kg bw/d (AF=100)               |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, CAS: 72623-87-1         |
| 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, oral, Long-term - systemic effects, 0.74mg/kg bw/day                      |
| 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol, CAS: 1218787-32-6        |
| Industrial, inhalative, Long-term - systemic effects, 2.96 mg/m <sup>3</sup>                  |
| Industrial, dermal, Long-term - systemic effects, 420 µg/kg bw/day                            |
| general population, inhalative, Long-term - systemic effects, 522 µg/m <sup>3</sup>           |
| general population, dermal, Long-term - systemic effects, 150 µg/kg bw/day                    |
| general population, oral, Long-term - systemic effects, 150 µg/kg bw/day                      |
| 3-((C9-11-iso,C10-rich)alkyloxy)propan-1-amine  |
| Industrial, inhalative, Long-term - systemic effects, 4.9 mg/m <sup>3</sup> (AF= 25)          |
| Industrial, dermal, Long-term - systemic effects, 0.7 mg/kg bw/d (AF= 100)                    |
| general population, inhalative, Long-term - systemic effects, 0.74 mg/m <sup>3</sup> (AF= 50) |
| general population, dermal, Long-term - systemic effects, 250 µg/kg bw/day                    |
| general population, oral, Long-term - systemic effects, 250 µg/kg bw/day                      |

#### PNEC

| Substance  |
|--|
| N,N-Dimethyl-n-octadecylamine, CAS: 124-28-7   |
| freshwater, 0.26 µg/L (AF= 10)   |
| seawater, 0.03 µg/L (AF= 100)  |
| sewage treatment plants (STP), 130 µg/L (AF= 100)                                      |
| sediment (freshwater), 1.25 mg/kg dw (AF=50)   |
| sediment (seawater), 0.125 mg/kg dw (AF=500)   |
| soil, 1 mg/kg dw (AF=10)   |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, CAS: 72623-87-1  |
| oral (food), 9.33 mg/kg food   |
| 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol, CAS: 1218787-32-6 |
| freshwater, 0.214 µg/L   |
| seawater, 0.021 µg/L   |
| sewage treatment plants (STP), 1500 µg/L   |
| sediment (freshwater), 1.692 mg/kg sediment dw   |
| sediment (seawater), 0.169 mg/kg sediment dw   |
| soil, 5 mg/kg soil dw  |
| oral (food), 2 mg/kg food  |
| 3-((C9-11-iso,C10-rich)alkyloxy)propan-1-amine   |
| freshwater, 0.84 µg/L (AF= 50)   |

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|  |
|--|
| seawater, 0.084 µg/L (AF= 500)                   |
| sewage treatment plants (STP), 1.3 mg/L (AF= 10) |
| sediment (freshwater), 3.19 mg/kg dw (AF= 1)     |
| sediment (seawater), 0.32 mg/kg dw (AF= 10)      |
| soil, 1.59 mg/kg dw (AF= 1)                      |

## 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>  | Safety glasses. (EN 166:2001)   |
| <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>Do not inhale gases/vapours/aerosols.<br>Avoid contact with eyes and skin. |
| <b>Respiratory protection</b>                                      | No special measures necessary.  |
| <b>Thermal hazards</b>   | No information available.   |
| <b>Delimitation and monitoring of the environmental exposition</b> | Comply with applicable environmental regulations limiting discharge to air, water and soil.   |

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

|  |                                      |
|--|--------------------------------------|
| <b>Physical state</b>  | liquid                               |
| <b>Form</b>  | liquid                               |
| <b>Color</b>   | blue                                 |
| <b>Odor</b>  | characteristic                       |
| <b>Odour threshold</b>   | No information available.            |
| <b>pH-value</b>  | No information available.            |
| <b>pH-value [1%]</b>   | No information available.            |
| <b>Boiling point or initial boiling point and boiling range [°C]</b> | not applicable                       |
| <b>Flash point [°C]</b>  | 190 °C / 374 °F (EN ISO 2592) (COC)  |
| <b>Flammability</b>  | No information available.            |
| <b>Lower explosion limit</b>   | not applicable                       |
| <b>Upper explosion limit</b>   | not applicable                       |
| <b>Oxidising properties</b>  | no                                   |
| <b>Vapour pressure/gas pressure [kPa]</b>                            | No information available.            |
| <b>Density [g/cm³]</b>   | 0,84 (15 °C / 59,0 °F)               |
| <b>Relative density</b>  | No information available.            |
| <b>Bulk density [kg/m³]</b>  | not applicable                       |
| <b>Solubility in water</b>   | virtually insoluble                  |
| <b>Solubility other solvents</b>                                     | No information available.            |
| <b>Partition coefficient n-octanol/water (log value)</b>             | not applicable                       |
| <b>Kinematic viscosity</b>   | 18 mm²/s, 40 °C / 104 °F (DIN 51562) |
| <b>Relative vapour density</b>                                       | No information available.            |
| <b>Melting point [°C]</b>  | No information available.            |
| <b>Auto-ignition temperature [°C]</b>                                | not applicable                       |
| <b>Decomposition temperature [°C]</b>                                | No information available.            |
| <b>Particle characteristics</b>                                      | not applicable                       |

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## **9.2 Other information**

none

## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

No dangerous reactions known if used as directed.

### **10.2 Chemical stability**

Stable under normal ambient conditions (ambient temperature).

### **10.3 Possibility of hazardous reactions**

Reactions with acids and strong 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.

## 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  |
| N,N-Dimethyl-n-octadecylamine, CAS: 124-28-7   |
| LD50, oral, Rat, >2000 mg/kg bw (OECD 401)   |
| NOAEC, oral, Rat, 42.3 - 52.6 mg/kg bw/day   |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, CAS: 72623-87-1    |
| LD50, oral, Rat, > 5000 mg/kg bw   |
| 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol, CAS: 1218787-32-6   |
| LD50, oral, Rat, 1200 - 2000 mg/kg bw  |
| NOEL, oral, Rat, 5 mg/kg bw/day  |
| 3-((C9-11-iso,C10-rich)alkyloxy)propan-1-amine   |
| LD50, oral, Rat, 200 - 2000 mg/kg bw   |
| NOAEL, oral, Rat, 50 mg/kg bw/day  |

#### Acute dermal toxicity

|  |
|--|
| Product  |
| dermal, Based on the available information, the classification criteria are not fulfilled. |
| Substance  |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, CAS: 72623-87-1      |
| LD50, dermal, Rabbit, > 5000 mg/kg bw  |
| 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol, CAS: 1218787-32-6     |
| No information available.  |

#### Acute inhalational toxicity

|  |
|--|
| Product  |
| inhalative, Based on the available information, the classification criteria are not fulfilled. |
| Substance  |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, CAS: 72623-87-1          |
| LC50, inhalative, Rat, > 5 mg/L, 4h  |
| 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol, CAS: 1218787-32-6         |
| No information available.  |

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

|   |
|---|
| Substance   |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, CAS: 72623-87-1 |
| Eye, non-irritating   |

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

|  |
|--|
| Substance  |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, CAS: 72623-87-1  |
| dermal, non-irritating   |
| 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol, CAS: 1218787-32-6 |
| dermal, corrosive  |

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

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

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|   |
|---|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, CAS: 72623-87-1 |
| 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  |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, CAS: 72623-87-1  |
| NOAEC, inhalative, Rat, 980 mg/m <sup>3</sup> air                                      |
| LOAEL, oral, Rat, 125 mg/kg bw/day   |
| 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol, CAS: 1218787-32-6 |
| NOAEL, oral, Dog, 13 mg/kg bw/day  |

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

|   |
|---|
| Substance   |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, CAS: 72623-87-1 |
| in vitro, negativ   |

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

**- Fertility**

|   |
|---|
| Substance   |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, CAS: 72623-87-1 |
| NOAEL, oral, Rat, 1000 mg/kg bw/day   |

**- Development** No information available.

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

**Aspiration hazard** Based on the available information, the classification criteria are fulfilled.  
May be fatal if swallowed and enters airways.  
On basis of test data

**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.

**11.2 Information on other hazards**

**11.2.1 Endocrine disrupting properties** The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**11.2.2 Other information** none



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## SECTION 12: Ecological information

### 12.1 Toxicity

|  |
|--|
| Product  |
| Based on the available information, the classification criteria are not fulfilled.     |
| Substance  |
| N,N-Dimethyl-n-octadecylamine, CAS: 124-28-7   |
| LC50, (96h), Oncorhynchus mykiss, 0,18 mg/l (OECD 203)                                 |
| EC10, (48h), Daphnia magna, 0,593 mg/l (OECD 202)                                      |
| EC10, (72h), Desmodesmus subspicatus, 4,31 µg/l (OECD 201)                             |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, CAS: 72623-87-1  |
| EL50, (48h), Invertebrates, > 10000 mg/L   |
| LL50, (4d), Fish, > 100 mg/L   |
| 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol, CAS: 1218787-32-6 |
| LC50, (24h), Danio rerio, >0.29 mg/L (OECD 203)  |
| EC50, (24h), Daphnia magna, 0.21 mg/L (OECD 202)                                       |
| EC10, (21d), Daphnia magna, 10.7 µg/L (OECD 211)                                       |
| EC10, (72h), Daphnia magna, 34.1 µg/L (OECD 201)                                       |
| 3-((C9-11-iso,C10-rich)alkyloxy)propan-1-amine   |
| LC50, (96h), Fish, 2.14 mg/L   |
| EC50, (72h), Algae, 82.7 - 86.8 µg/L   |
| EC10, (21d), Invertebrates, 1.22 - 1.28 mg/L   |

### 12.2 Persistence and degradability

**Behaviour in environment compartments** No information available.

**Behaviour in sewage plant** No information available.

#### Biological degradability

|  |
|--|
| Substance  |
| N,N-Dimethyl-n-octadecylamine, CAS: 124-28-7   |
| (28d), 68 %, OECD 301 D  |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, CAS: 72623-87-1  |
| (28d), 1 - 4 %, OECD 301 B, The product is not readily biodegradable.                  |
| 2,2'-(C16-18 (evennumbered, C18 unsaturated) alkyl imino) diethanol, CAS: 1218787-32-6 |
| (28d), 63 %, OECD 301 D  |

### 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

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.



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**12.7 Other adverse effects**

No classification on the basis of the calculation procedure of the preparation directive.  
Ecological data of complete product are not available.  
Do not discharge product unmonitored into the environment or into the drainage.

**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.

|                                |  |
|--------------------------------|--|
| <b>Product</b>                 | In according to RoHS!<br>Coordinate disposal with the authorities if necessary.  |
| <b>Waste no. (recommended)</b> | 130208*  |
| <b>Contaminated packaging</b>  | Uncontaminated packaging may be taken for recycling.<br>Packaging that cannot be cleaned should be disposed of as for product. |
| <b>Waste no. (recommended)</b> | 150110* packaging containing residues of or contaminated by hazardous substances<br>150102<br>150104                           |

**SECTION 14: Transport information**

**14.1 UN number or ID number**

|   |                |
|---|----------------|
| <b>Transport by land according to ADR/RID</b>   | not applicable |
| <b>Inland navigation (ADN)</b>                  | not applicable |
| <b>Marine transport in accordance with IMDG</b> | not applicable |
| <b>Air transport in accordance with IATA</b>    | not applicable |

**14.2 UN proper shipping name**

|   |                                     |
|---|-------------------------------------|
| <b>Transport by land according to ADR/RID</b>   | NO DANGEROUS GOODS                  |
| <b>Inland navigation (ADN)</b>                  | NO DANGEROUS GOODS                  |
| <b>Marine transport in accordance with IMDG</b> | NOT CLASSIFIED AS "DANGEROUS GOODS" |
| <b>Air transport in accordance with IATA</b>    | NOT CLASSIFIED AS "DANGEROUS GOODS" |

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

not applicable

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## SECTION 15: Regulatory information

### 15.1 Safety, 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 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 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. 3

#### TRANSPORT-REGULATIONS

ADR (2025); IMDG-Code (2025, 42. Amdt.); IATA-DGR (2025)

#### 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 mothers-to-be and nursing mothers. Observe employment restrictions for young people.

#### - VOC (2010/75/CE)

not relevant

### 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.  
H314 Causes severe skin burns and eye damage.  
H302 Harmful if swallowed.  
H304 May be fatal if swallowed and enters airways.

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## 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

Asp. Tox. 1: H304 May be fatal if swallowed and enters airways. (Calculation method)

Modified position

2.3