

SAFETY DATA SHEET

Revision: 1.1

Issue date:

2020-08-18 2022-12-13

according to Regulation No. 1907/2006 (REACH) and Commission Regulation (EU) 2020/878

Revision date:

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

| 1.1   | Product identifier  |   |
|-------|---|---|
|       | Chemical name/ trade name:  | Enrituals Designer Fragrance Fabric Conditioner Glamorous Ruby  |
|       | Producer:<br>Address:   | Zenit, spol. s r.o.<br>Čáslav, 286 01, Pražská 162  |
|       | Distributor:  | Zenit, spol. s r.o.   |
|       | Address:  | Čáslav, 286 01, Pražská 162   |
| 1.2   | Relevant identified uses of the substance Intended use:   | or mixture and uses advised against  Fabric softener. Inteded for sale to consumer and professional/industrial use. |
|       | Uses advised against:   | The use should be limited to those listed above.  |
| 1.3   | Details of the supplier of the safety data so<br>Supplier of SDS:<br>Address:<br>Identification No.:<br>Tel:<br>www:<br>Responsible person for this<br>SDS: | Zenit, spol. s r.o. Čáslav, 286 01, Pražská 162 44707070 +420 327 304 890 www.zenit-caslav.cz msds@zenit-caslav.cz  |
| 1.4   | Emergency telephone number<br>National Poisons Information Service (NP<br>4123, 844 892 0111  | IS), Royal Infirmary of Edinburgh, Edinburgh EH16 4SA, United Kingdom, Tel.: +44 121 507                            |
| SECTI | ON 2: Hazards identification  |   |
| 2.1   | Classification of the substance or mixture Classification according to the EC Regulati The mixture is not classified as hazardous.                          |   |
| 2.2   | Label elements  |   |
|       | Labelling according to Regulation (EC) No. Hazard pictogram(s):   | 1272/2008 [CLP]:<br>  |
|       | Signal word(s):   |   |
|       | Hazard statement(s):  |   |
|       | Precautionary statement(s):   | P102 Keep out of reach of children.   |
|       | Supplemental information:   |   |

allergic reaction.

EUH208 Contains Methylchloroisothiazolinone, Methylisothiazolinone. May produce an



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#### 2.3 Other hazards

This product does not contain any substances which are classified as PBT or vPvB in a concentration of 0.1% by weight or higher.

This product does not contain SVHC in a concentration of 0.1% by weight or higher.

This product does not contain endocrine disruptors in a concentration of 0.1% by weight or higher.

#### **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

| Name of the component  | Content (weight %) | CAS<br>EINECS<br>Index N°<br>Reg. Number                      | Classification accord<br>(EC) No. 1278/  |  |
|--|--------------------|---|--|--|
| Propan-2-ol  | 0.6-1.2            | 67-63-0<br>200-661-7<br>603-117-00-0<br>01-2119457558-25-0000 | Eye Irrit. 2<br>Flam. Liq. 2<br>STOT SE 3  | H319<br>H225<br>H336   |
| Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) | 0.0008- < 0.0015   | 55965-84-9<br>613-167-00-5<br>01-2120764691-48-0000           | Acute Tox. 2 Acute Tox. 2 Acute Tox. 3 Aquatic Acute 1 M-factor: 100 Aquatic Chronic 1 M-factor: 100 Eye Dam. 1 $SCL: C \ge 0,6\%$ Eye Irrit. 2 $SCL: 0,06\% \le C \le 1\%$ Skin Corr. 1C $SCL: C \ge 0,6\%$ Skin Irrit. 2 $SCL: 0,06\% \le C \le 1\%$ Skin Sens. 1A $SCL: C \ge 0,0015\%$ | H330<br>H310<br>H301<br>H400<br>H410<br>H318<br>H319<br>H314<br>H315<br>H317 |

For full text of H-statements see SECTION 16.

#### **SECTION 4: First aid measures**

### 4.1 Description of first aid measures

General advice:

In any case, avoid chaotic behavior. If you need medical treatment, always take the original package with the label or the safety data sheet. In life-threatening conditions, first resuscitate the affected person and arrange for medical assistance. Breathing - Immediately perform artificial respiration. Heart arrest - Immediately perform an indirect heart massage. Unconscious - place the affected person in a stabilized position on the side. It is always necessary to assess the situation with regard to the patient's own safety and safety. Only enter the infested area if we have adequate protection (insulating respirator, mask with the appropriate filter, protection by another worker, etc.) ATTENTION! Whenever it is a poorly ventilated area, it is important to consider the possibility that the room is infested! When handling contaminated clothing or other items, protect it with adequate personal protective equipment, including gloves. First aid should not be carried out at the place where the accident occurred, if there is a risk of the rescuer being contaminated.

Inhalation:

Break Exposure. Remove victim to fresh air, keep calm and warm.

Skin contact:



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Remove contaminated clothing and footwear. Wash the affected skin with water and soap. If there is irritation, seek medical attention. Eye contact:

If the contact lenses are used, carefully remove them and start rinsing with clean water, the affected eye wide open, from the inner corner to the outside and also under the lid for at least 15 minutes. If problems persist, seek medical attention.

Ingestion:

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person or if it has cramps.

Protection of first aiders:

When providing first aid, it is essential to ensure both the rescue and the rescued safety.

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

Skin contact: May cause skin irritation to sensitive people. May produce an allergic reaction.

Eye contact: May cause eye irritation to sensitive people.

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

Symptomatic treatment.

#### **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

Suitable extinguishing media: Foam, extinguishing powder, CO2, water mist.

Unsuitable extinguishing media: Direct water flow - could cause fire to spread.

#### 5.2 Special hazards arising from the substance or mixture

Combustion products and hazardous gases: smoke, carbon monoxide, carbon dioxide.

#### 5.3 Advice for firefighters

Respiratory units exposed to smoke or vapors must be equipped with respiratory and eye protection devices. When using in enclosed areas, an insulating respirator must be used. Containers exposed to fire cool with water mist. Collect extinguishing water separately, and avoid its penetration into the soil and water. Chemical protective clothing (EN 469).

#### **SECTION 6: Accidental release measures**

#### 6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective clothing, replace contaminated clothing. Avoid contact with skin and eyes, contamination of clothes and shoes. Ensure ventilation of the affected area. All persons who do not participate in rescue operations to a safe distance.

#### 6.2 Environmental precautions

Prevent leakage into the environment, avoid ingress into surface water and sewers, soil and land. In case of leakage into the sewage system or water course, inform immediately its administrator, the police, the fire brigade or the environmental department.

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

In case of leakage, localize and, if possible, absorb / remove mechanically. Residues or smaller amounts sweep / get absorbed into a suitable absorbent (universal sorbent, diatomaceous earth, soil, sand) and place in suitable containers and labeled for disposal transmit in accordance with applicable regulations.

#### 6.4 Reference to other sections

See section 7, 8 a 13.

#### **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Use appropriate PPE. Use only in well-ventilated areas with fresh air intake or with adequate ventilation. Do not eat, drink, smoke. After working, wash your hands. Comply with regulations on health and safety at work.



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#### 7.2 Conditions for safe storage, including any incompatibilities

Store in well sealed original containers in dry, cool and well-ventilated areas. Store in a vertical position to prevent leakage and dripping. Keep away from food, feed and medication. Store at +5 to +25 °C.

# 7.3 Specific end use(s)

See section 1.2.

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

#### 8.1 Control parameters

Exposure limits: According to national legislation of target country.

| Substance   | CAS     | Permissible<br>exposure<br>limits<br>(mg/m³) | Maximum permissible concentration (mg/m³) | Note |
|-------------|---------|--|---|------|
| Propan-2-ol | 67-63-0 | 999  | 1250                                      |      |

Substances with Community Exposure Limits:

| Substance          | CAS | Limit values (mg/m³) |      | Note  |
|--------------------|-----|----------------------|------|-------|
| Substance          |     | OEL                  | STEL | ivote |
| No data available. |     |                      |      |       |

# DNEL

### Propan-2-ol (CAS: 67-63-0)

| Exposed group and route of exposure | Duration of exposure | Type of effect | Unit       | Value |
|-------------------------------------|----------------------|----------------|------------|-------|
| Workers                             |                      |                |            |       |
| Inhalation                          | Long-term (chronic)  | systemic       | mg/m³      | 500   |
| Dermal                              | Long-term (chronic)  | systemic       | mg/kg bw/d | 888   |
| Consumers                           |                      |                |            |       |
| Inhalation                          | Long-term (chronic)  | systemic       | mg/m³      | 89    |
| Dermal                              | Long-term (chronic)  | systemic       | mg/kg bw/d | 319   |
| Oral                                | Long-term (chronic)  | systemic       | mg/kg bw/d | 26    |

# Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)

| Exposed group and route of exposure | Duration of exposure | Type of effect | Unit       | Value |  |
|-------------------------------------|----------------------|----------------|------------|-------|--|
| Workers                             |                      |                |            |       |  |
|                                     | Short-term (acute)   | systemic       | mg/m³      | 0.02  |  |
| Consumers                           |                      |                |            |       |  |
|                                     | Short-term (acute)   | systemic       | mg/m³      | 0.02  |  |
| Oral                                | Long-term (chronic)  | systemic       | mg/kg bw/d | 0.09  |  |



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#### **PNEC**

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)

| Component of the environment |                                | PNEC               | Unit              | Value |
|------------------------------|--------------------------------|--------------------|-------------------|-------|
|                              | Freshwater                     | PNEC water, fresh. | μg/L              | 3.39  |
|                              | Freshwater, occasional leakage | PNEC water, fresh. | μg/L              | 3.39  |
| Water environment            | Freshwater sediment            | PNEC sed., fresh.  | mg/kg sediment dw | 0.027 |
|                              | Seawater                       | PNEC water, mar.   | μg/L              | 3.39  |
|                              | Marine sediment                | PNEC sed., mar.    | mg/kg sediment dw | 0.027 |
| Microbiological activity     | Wastewater treatment plant     | PNEC sew. treat.   | mg/L              | 0.23  |
| Terrestrial environment /    | Soil                           | PNEC soil          | mg/kg soil dw     | 0.01  |
| organisms                    | 3011                           | FINEC soil         | IIIg/ kg soll uw  | 0.01  |

DNELs and PNECs values for the other components of the mixture haven't been determined.

#### 8.2 Exposure controls

Technical measures: Technical measures and appropriate work procedures take precedence over personal

protective equipment. Observe the usual hygiene principles. Do not eat, drink, smoke.

Before breaks and after work wash your hands with warm water and soap.

**Individual protection measures** 

Respiratory protection: Not necessary for normal use and handlig.

Hand protection: Not necessary for normal use and handlig. Eye / face protection: Not necessary for normal use and handlig. Skin protection: Not necessary for normal use and handlig.

Thermal hazards: None

Environmental exposure controls: Avoid unnecessary releases into the environment.

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

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

| Property                                   | Value              | Method |
|--|--------------------|--------|
| Physical state:                            | Liquid             |        |
| Colour:                                    | White              |        |
| Odour:                                     | No data available. |        |
| Odour threshold:                           | No data available. |        |
| pH:  | 3.5 - 5.5          |        |
| Melting point / freezing point (°C):       | No data available. |        |
| Boiling point or initial boiling point and | No data available. |        |
| boiling range (°C):                        |                    |        |
| Flash point (°C):                          | 95                 |        |
| Evaporation rate:                          | No data available. |        |
| Flammability (gases, liquids and solids):  | No data available. |        |
| Lower and upper explosion limit:           | No data available. |        |
| Vapour pressure (20 °C):                   | No data available. |        |
| Vapour pressure (50 °C):                   | No data available. |        |
| Relative vapour density:                   | No data available. |        |



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| Density and/or relative density (g/cm³, 20 °C):    | 1.005 - 1.015      |  |
|--|--------------------|--|
| Solubility (20 °C):                                | Soluble            |  |
| Partition coefficient n-octanol/water (log value): | No data available. |  |
| Auto-ignition temperature:                         | No data available. |  |
| Decomposition temperature:                         | No data available. |  |
| Kinematic viscosity:                               | No data available. |  |
| Refractive index (20 °C):                          | No data available. |  |
| Oxidising properties:                              | No data available. |  |
| Explosive properties:                              | No data available. |  |

9.2 Other information

VOC (%):

Dry matter content: No data available. Additional information: No data available.

#### 9.2.1 Information with regard to physical hazard classes

The product has no physical hazards.

#### 9.2.2 Other safety characteristics

No data available.

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

#### 10.1 Reactivity

The product is stable at the specified conditions of storage, handlig and use.

#### 10.2 Chemical stability

The product is stable at the specified conditions of storage, handlig and use.

## 10.3 Possibility of hazardous reactions

Whit proper use, there is no hazardous reactions.

#### 10.4 Conditions to avoid

Comply with the handling and storage conditions set out in Section 7.

### 10.5 Incompatible materials

None if the mixture is used as intended.

### 10.6 Hazardous decomposition products

Carbon oxides.

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

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

Propan-2-ol (CAS: 67-63-0)

Acute toxicity:

| Test type           | Results                     | Exposure          | Tested organisms |
|---------------------|-----------------------------|-------------------|------------------|
| OECD 401, key study | 5.84 g/kg body weight, LD50 | oral: unspecified | rat              |
| OECD 402, key study | 16.4 mL/kg bw, LD50         | dermal            | rabbit           |



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ca. 5 000 ppm, transient,
concentration-related narcosis
and/or central nervous system
sedation
ca. 10 000 ppm, transient,
concentration-related narcosis
and/or central nervous system
sedation
> 10 000 ppm

rat

rat

### Serious eye damage / irritation:

| Test type            | Results  | Exposure | Tested organisms |
|----------------------|--|----------|------------------|
| IOECD 405, key study | Category 2 (irritating to eyes)<br>based on GHS criteria | Eye      | rabbit           |

#### Skin corrosion / irritation:

| Test type | Results              | Exposure | Tested organisms |
|-----------|----------------------|----------|------------------|
| key study | GHS criteria not met | Skin     | rabbit           |

#### Respiratory or skin sensitisation:

| Test type           | Results              | Exposure | Tested organisms |
|---------------------|----------------------|----------|------------------|
| OECD 406, key study | GHS criteria not met | Skin     | guinea pig       |

### STOT - single exposure:

| Test type | Results            | Exposure | Tested organisms |
|-----------|--------------------|----------|------------------|
|           | No data available. |          |                  |

#### STOT - repeated exposure:

| Test type | Results  | Exposure   | Tested organisms |
|-----------|--|------------|------------------|
| key study | 500 ppm, NOEC<br>5 000 ppm, NOAEC<br>5 000 ppm, NOEC | inhalation | rat              |

#### Carcinogenicity:

| Test type           | Results                   | Exposure    | Tested organisms |
|---------------------|---------------------------|-------------|------------------|
| OECD 451, key study | 5 000 nnm (nominal) NOEL  | inhalation: | rat              |
| OLCD 431, Key study | 5 000 ppm (nominal), NOEL | vapour      | iat              |

### Germ cell mutagenicity:

| Test type           | Results  | Exposure | Tested organisms            |
|---------------------|----------|----------|-----------------------------|
| OECD 476, key study | negative | In vitro | Chinese hamster Ovary (CHO) |

#### Reproductive toxicity:

| Test type | Results | Exposure | Tested organisms |
|-----------|---------|----------|------------------|



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500 mg/kg bw/day (nominal), > 1 000 mg/kg bw/day (nominal), 500 mg/kg bw/day (nominal), OECD 416, key study oral: gavage rat NOAEL > 1 000 mg/kg bw/day (nominal), NOAEL 100 mg/kg bw/day, NOAEL 100 mg/kg bw/day, NOAEL

#### Aspiration hazard:

| Test type | Results            | Exposure | Tested organisms |
|-----------|--------------------|----------|------------------|
|           | No data available. |          |                  |

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7], and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)

#### Acute toxicity:

| Test type            | Results  | Exposure               | Tested organisms |
|----------------------|--|------------------------|------------------|
| OECD 423, key study  | 200 mg/kg bw, LD50                               | oral: gavage           | rat              |
|                      | > 141 mg/kg bw, other:<br>> 1 008 mg/kg bw, LD50 | dermal                 | rat              |
| IOF(I) AUS KAY STUDY | 2.36 mg/L air, LC50<br>0.33 mg/L air, LC50       | inhalation:<br>aerosol | rat              |

#### Serious eye damage / irritation:

| Test type | Results  | Exposure | Tested organisms |
|-----------|--|----------|------------------|
| key study | Category 1 (irreversible effects on the eye) based on GHS criteria | Eye      | rabbit           |

#### Skin corrosion / irritation:

| Test type           | Results   | Exposure | Tested organisms |
|---------------------|-----------|----------|------------------|
| OECD 404, key study | corrosive | Skin     | rabbit           |

#### Respiratory or skin sensitisation:

| Test type | Results  | Exposure | Tested organisms |
|-----------|--|----------|------------------|
| key study | Category 1A (indication of significant skin sensitising potential) based on GHS criteria | Skin     | mouse            |

#### STOT - single exposure:

| Test type | Results            | Exposure | Tested organisms |
|-----------|--------------------|----------|------------------|
|           | No data available. |          |                  |

#### STOT - repeated exposure:

| Test type Results | Exposure Tested organisms |
|-------------------|---------------------------|
|-------------------|---------------------------|



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| OECD 409, key study | received), NOAEL  | oral       | dog |
|---------------------|---|------------|-----|
| OECD 413, key study | 0.34 mg/m³ air (analytical), NOAEL<br>1.15 mg/m³ air (analytical), LOAEL                              | inhalation | rat |
| key study           | 2.625 mg/kg bw/day, NOAEL<br>0.105 mg/kg bw/day, NOAEL<br>0.525 mg/kg bw/day, LOAEL<br>other: , NOAEL | dermal     | rat |

#### Carcinogenicity:

| Test type           | Results                 | Exposure       | Tested organisms |
|---------------------|-------------------------|----------------|------------------|
| OFCD 4F3 key study  | 300 ppm (nominal), NOEL | oral: drinking | rat              |
| OECD 453, key study | 30 ppm (nominal), NOEL  | water          | rat              |

#### Germ cell mutagenicity:

| Test type           | Results  | Exposure     | Tested organisms |
|---------------------|----------|--------------|------------------|
| OECD 475, key study | negative | oral: gavage | mouse            |

#### Reproductive toxicity:

| Test type           | Results   | Exposure                | Tested organisms |
|---------------------|---|-------------------------|------------------|
| OECD 416, key study | 30 ppm, NOAEL<br>30 ppm, NOAEL<br>300 ppm, NOAEL<br>300 ppm, NOEL<br>300 ppm, NOAEL | oral: drinking<br>water | rat              |

### Aspiration hazard:

| Test type | Results            | Exposure | Tested organisms |
|-----------|--------------------|----------|------------------|
|           | No data available. |          |                  |

#### mixture

Acute toxicity: The product does not meet the criteria for classification. Serious eye damage / irritation: The product does not meet the criteria for classification. Skin corrosion / irritation: The product does not meet the criteria for classification.

Respiratory or skin sensitisation: Contains Mehtylchloroisothiazolinone, Methylisothiazolinone. May produce an allergic

reaction.

STOT - single exposure: The product does not meet the criteria for classification. STOT - repeated exposure: The product does not meet the criteria for classification. Carcinogenicity: The product does not meet the criteria for classification. Germ cell mutagenicity: The product does not meet the criteria for classification. Reproductive toxicity: The product does not meet the criteria for classification. Aspiration hazard: The product does not meet the criteria for classification.

#### 11.2 Information on other hazards

#### **Endocrine disrupting properties**

This product does not contain endocrine disruptors in a concentration of 0.1% by weight or higher.

#### Other information



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No data available.

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

#### 12.1 Toxicity

The product does not meet the criteria for classification.

#### Propan-2-ol (CAS: 67-63-0)

| Toxicity                        | Tested organisms        | Results  | Test type |
|---------------------------------|-------------------------|--|-----------|
| Acute toxicity to fish          | Pimephales promelas     | 10 000 mg/L, LC50 / 96 h<br>9 640 mg/L, LC50 / 96 h  | OECD 203  |
| Acute toxicity to invertebrates | Daphnia magna           | > 10 000 mg/L, LC50 / 24 h<br>5 000 mg/L, LC0 / 24 h | OECD 202  |
| Acute toxicity to aquatic algae | Scenedesmus quadricauda | 1 800 mg/L, other: / 7 d                             |           |
| Biotic degradation              |                         | Readily biodegradable (100%)                         |           |
| log Kow / log Pow               |                         | 0.05 @ 25 °C   |           |

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| Toxicity                        | Tested organisms  | Results  | Test type |
|---------------------------------|---|--|-----------|
| Acute toxicity to fish          |   | 0.19 mg/L, LC50 / 96 h<br>0.13 mg/L, NOEC / 96 h                           |           |
| Acute toxicity to invertebrates | Americamysis bahia (previous<br>name: Mysidopsis bahia) | 0.282 mg/L, LC50 / 96 h  |           |
| Acute toxicity to aquatic algae | Skeletonema costatum                                    | 0.49 μg/L, NOEC / 48 h<br>19.9 μg/L, EC50 / 72 h<br>37.1 μg/L, EC50 / 48 h | OECD 201  |

#### 12.2 Persistence and degradability

There is no data available for the product.

The biodegradability of the component is given in sec. 12.1

#### 12.3 Bioaccumulative potential

There is no data available for the product.

The value of the partition coefficient of the component is given in sec. 12.1

The value of the bioaccumulation factor of the component is given in sec. 12.1

#### 12.4 Mobility in soil

No data available.

#### 12.5 Results of PBT and vPvB assessment

This product does not contain any substances which are classified as PBT or vPvB in a concentration of 0.1% by weight or higher.

#### 12.6 Endocrine disrupting properties

This product does not contain endocrine disruptors in a concentration of 0.1% by weight or higher.

#### 12.7 Other adverse effects

No data available.

### **SECTION 13: Disposal considerations**

# 13.1 Waste treatment methods

Catalogue No. of substance/mixture waste: 20 01 29 Detergents containing dangerous substances

Waste codes / waste designations

 $15\,01\,10$  Packaging containing residues of or contaminated by dangerous substances

according to LoW:



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Recommended procedure for substance/mixture waste disposal:

Collect the remains of the mixture in marked containers and hand them over to a person authorized to handle hazardous waste for disposal. Suitable method of disposal: incineration in a hazardous waste incinerator. If possible, regenerate the product.

Recommended procedure for packaging disposal:

Empty containers must be disposed of in accordance with the applicable waste legislation. After perfect cleaning, the packaging can be used as a secondary raw material for the same purpose. Recommended way of disposing of recycling, burning in a hazardous waste incinerator or storing hazardous waste.

Physical / chemical properties that may affect waste treatment method:

No data available.

Sewage disposal-relevant information:

 $\label{lem:protect} \mbox{Protect against weathering. Prevent leakage of waste into the water / soil / sewage system.}$ 

In case of leakage, inform the competent authorities.

Other disposal recommendations: Dispose of in accordance with applicable legislation.

#### **SECTION 14: Transport information**

|      | Type of transport          | Land transport ADR / RID                          | Sea transport IMDG                                | Air Transport ICAO / IATA                         |
|------|----------------------------|---|---|---|
| 14.1 | UN number or ID number     | There is no dangerous good in terms of transport. | There is no dangerous good in terms of transport. | There is no dangerous good in terms of transport. |
| 14.2 | UN proper shipping name    |   |   |   |
|      | Transport hazard class(es) |   |   |   |
|      | Classification code        | -   | -   | -   |
| 14.3 | Labels                     |   |   |   |
|      |                            |   |   |   |
|      |                            |   |   |   |
| 14.4 | Packing group              |   |   |   |

#### 14.5 Environmental hazards

No

#### 14.6 Special precautions for user

No

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

No

#### Other information

| Type of transport    | Land transport ADR / RID | Sea transport IMDG | Air Transport ICAO / IATA |
|----------------------|--------------------------|--------------------|---------------------------|
| Limited quantities:  |                          |                    |                           |
| Excepted quantities: |                          |                    |                           |
| Transport category:  |                          | -                  | -                         |



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2020-08-18

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| Tunnel restriction code: |   | - | - |
|--------------------------|---|---|---|
| Segregation group:       | - |   | - |

#### **SECTION 15: Regulatory information**

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

all as amended and including implementing regulations

Regulation (EC) No. 1272/2008 (CLP) on classification, labelling and packaging of substances and mixtures,...

Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH),...

Applicable national regulations.

#### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

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

#### Complete text of all classifications and hazard classes referred to in SECTION 3

Hazard class: Acute Tox. 2 - Acute Toxicity, category 2

Acute Tox. 3 - Acute Toxicity, category 3 Acute Tox. 4 - Acute Toxicity, category 4

Aquatic Acute 1 - Acute aquatic toxicity, category 1

Aquatic Chronic 1 - Chronic (long term) aquatic hazard, category 1 Aquatic Chronic 2 - Chronic (long term) aquatic hazard, category 2 Aquatic Chronic 3 - Chronic (long term) aquatic hazard, category 3

Asp. Tox. 1 - Aspiration hazard, category 1 Eye Dam. 1 - Serious eye damage, category 1

Eye Irrit. 2 - Eye irritation, category 2 Flam. Liq. 2 - Flammable liquids, category 2 Flam. Liq. 3 - Flammable liquids, category 3

STOT SE 3 - Specific target organ toxicity — single exposure, category 3

Skin Corr. 1C - Skin corrosion, category 1C Skin Irrit. 2 - Skin irritation, category 2 Skin Sens. 1 - Skin sensitisation, category 1 Skin Sens. 1A - Skin sensitisation, category 1A Skin Sens. 1B - Skin sensitisation, category 1B

**H-statements:** H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H301 Toxic if swallowed. H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H310 Fatal in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage. H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.



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H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

#### Abbreviations:

ADN Inland waterways

ADR Accord Dangereuses Route
CAS Chemical Abstracts Service
DNEL Derived no-effect level
EC50 Effect concentration for 50%

EINECS European Inventory of Existing Commercial Chemical Substances

IATA International Air Transport Association
ICAO International Civil Aviation Organization
IMDG International Maritime Dangerous Goods

LC50 Lethal concentration for 50%

LD50 Lethal dose for 50%

LOAEL Lowest observable adverse effect level

LOEC Lowest observable effect concentration

NOAEC No observable adverse effect concentration

NOAEL No observable adverse effect level NOEC No observable effect concentration

NOEL No observable effect level

NPK-P Maximum permissible concentration

OEL Occupational Exposure Limit (workplace exposure limit - 8 hours / shift)

PBT Persistent, bioacumulative and toxic

PEL Permissible exposure limits
PNEC Predicted no-effect concentration

RID Regulations for the International Carriage of Dangerous Goods by Rail

SCL Specific concentration limits

STEL Short Term Exposure Limit (short exposure - corresponds to approx. 15 min.)

VOC Volatile organic substances

vPvB Very persistent and very bioacumulative

WGK Hazard classes for water (Wassergefährdungsklassen)

#### Changes to previous version SDS:

This revision follows the revision: 1 and complies with Regulations (EC) No. 1907/2006 (REACH) and No. 1272/2008 (CLP).

The reason for the revision is the update according to Commission Regulation (EU) No. 2020/878.

Key literature references and sources for data: information from the manufacturer, database CASEC.

Classification was performed by calculation method.

#### Instructions for training

Workers who come into contact with dangerous substances must be aware of the effects of these substances, how they are treated, and protective measures to the extent necessary.

Furthermore, they must be familiar with the first aid principles, with the necessary sanitation procedures and with the procedures for disaster and accident elimination.

The person handling this chemical product must be familiar with the safety rules and the data given in the safety data sheet.

If a hazardous chemical / mixture is classified as corrosive or toxic, workers should be made aware of the Corrosive / Toxic Chemicals / Mixing Rules.

Persons carrying dangerous substances must be familiar with the ADR / RID accident instructions.

#### Other information



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(EU) 2020/878

The above information describes the conditions for safe handling of the product and corresponds to the current knowledge of the

The manufacturer carries guarantee the above-described properties of the product at the recommended use.

manufacturer and serves as instruction for the training of the persons handling the product.

The user is responsible for determining the suitability of the product for specific purposes and adapting security measures if such application is contrary to the manufacturer's recommendations.