

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Reference number: -

Issue date: 29/04/2025 - Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture
Trade name : Island Hibiscus

UFI : E0X6-X5XC-600U-1Y8N

Product code : -

Product group : Perfume concentrate

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

#### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial

For professional use only

#### 1.2.2. Uses advised against

No additional information available

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

Candle Maker Source 201 Marvel Road 21801 SALISBURY USA (443) 206-8406

contact@candlemakersource.com, www.candlemakersource.com

## 1.4. Emergency telephone number

No additional information available

## **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Serious eye damage/eye irritation, Category 2 H319
Skin sensitisation, Category 1 H317
Hazardous to the aquatic environment – Chronic Hazard, H411

Category 2

Full text of H- and EUH-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

## 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)





GHS07

GHS09

Signal word (CLP) : Warning

Contains : ACETATE GERANYLE; ACETATE PA; ALDEHYDE C16; CYCLOHEXYL PROPIONATE

ALLYLE; DAMASCONE ALPHA; ETHYL LINALOL; LIMONENE DROIT (+100); MELONAL;

METHYLIONONE GAMMA; CITRONELLOL; TRIPLAL

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Hazard statements (CLP) : H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H411 - Toxic to aquatic life with long lasting effects.

: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

Precautionary statements (CLP) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 - Wash hands, forearms and face thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing

protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P321 - Specific treatment (see supplemental first aid instruction on this label).
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.

P391 - Collect spillage.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

#### 2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

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

## 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name            | Product identifier  | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|-----------------|---|---------|--|
| ALDEHYDE C14    | CAS-No.: 104-67-6<br>EC-No.: 203-225-4<br>REACH-no: 01-2119959333-<br>34-XXXX | 20 – 25 | Aquatic Chronic 3, H412  |
| VERDOX          | CAS-No.: 88-41-5<br>EC-No.: 201-828-7<br>REACH-no: 01-2119970713-<br>33-0005  | 5 – 10  | Aquatic Chronic 2, H411  |
| ETHYL LINALOL   | CAS-No.: 10339-55-6<br>EC-No.: 233-732-6<br>REACH-no: 01-2119969272-<br>32    | 5 – 10  | Eye Irrit. 2, H319<br>Skin Sens. 1B, H317                        |
| ACETATE BENZYLE | CAS-No.: 140-11-4<br>EC-No.: 205-399-7<br>REACH-no: 01-2119638272-<br>42      | 1 – 5   | Aquatic Chronic 3, H412  |
| CITRONELLOL     | CAS-No.: 106-22-9<br>EC-No.: 203-375-0<br>REACH-no: 01-2119453995-<br>23-0000 | 1 – 5   | Eye Irrit. 2, H319<br>Skin Irrit. 2, H315<br>Skin Sens. 1B, H317 |

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| Name                         | Product identifier   | %       | Classification according to<br>Regulation (EC) No. 1272/2008<br>[CLP]   |
|------------------------------|--|---------|---|
| ALDEHYDE C16                 | CAS-No.: 77-83-8<br>EC-No.: 201-061-8<br>REACH-no: 05-2114135369-<br>45-0000                                 | 1 – 5   | Aquatic Chronic 2, H411<br>Skin Sens. 1B, H317  |
| SALICYLATE AMYLE             | CAS-No.: 2050-08-0<br>EC-No.: 218-080-2<br>REACH-no: 01-2119969444-<br>27-XXXX                               | 1 – 5   | Acute Tox. 4 (Oral), H302<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410   |
| DIETHYL MALONATE             | CAS-No.: 105-53-3<br>EC-No.: 203-305-9<br>REACH-no: 01-2119886972-   | 1 – 5   | Eye Irrit. 2, H319  |
| TERPINEOL                    | CAS-No.: 98-55-5<br>EC-No.: 202-680-6<br>REACH-no: 01-2119553062-<br>49-0000                                 | 1 – 5   | Eye Irrit. 2, H319<br>Skin Irrit. 2, H315   |
| CYCLABUT                     | CAS-No.: 67634-20-2<br>EC-No.: 266-825-5   | 1 – 5   | Eye Irrit. 2, H319<br>Aquatic Chronic 2, H411   |
| CYCLOHEXYL PROPIONATE ALLYLE | CAS-No.: 2705-87-5<br>EC-No.: 220-292-5<br>REACH-no: 01-2119976355-<br>27/                                   | 1 – 5   | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411        |
| LIMONENE DROIT (+100)        | CAS-No.: 5989-27-5<br>EC-No.: 227-813-5<br>EC Index-No.: 601-096-00-2<br>REACH-no: 01-2119529223-<br>47-0007 | 1 – 5   | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Asp. Tox. 1, H304<br>Aquatic Acute 1, H400<br>Aquatic Chronic 3, H412 |
| ACETATE GERANYLE             | CAS-No.: 105-87-3<br>EC-No.: 203-341-5<br>REACH-no: 01-2119973480-<br>35                                     | 1 – 5   | Skin Sens. 1B, H317<br>Skin Irrit. 2, H315<br>Aquatic Chronic 3, H412   |
| IONONE                       | CAS-No.: 127-41-3<br>EC-No.: 204-841-6   | 1 – 5   | Aquatic Chronic 3, H412   |
| MELONAL                      | CAS-No.: 106-72-9<br>EC-No.: 203-427-2<br>REACH-no: 01-2120270305-<br>62                                     | 1 – 5   | Skin Sens. 1B, H317   |
| METHYLIONONE GAMMA           | CAS-No.: 127-51-5<br>EC-No.: 204-846-3<br>REACH-no: 01-2119471851-<br>35-0000                                | 0.1 – 1 | Aquatic Chronic 2, H411<br>Skin Sens. 1B, H317  |
| ACETATE PA                   | CAS-No.: 7493-74-5<br>EC-No.: 231-335-2  | 0.1 – 1 | Skin Sens. 1B, H317<br>Aquatic Acute 1, H400<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312                                  |
| UNDECAVERTOL                 | CAS-No.: 81782-77-6<br>EC-No.: 279-815-0<br>REACH-no: 01-2119983528-<br>21-0000                              | 0.1 – 1 | Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411  |

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| Name            | Product identifier  | %       | Classification according to<br>Regulation (EC) No. 1272/2008<br>[CLP]       |
|-----------------|---|---------|---|
| DAMASCONE ALPHA | CAS-No.: 24720-09-0<br>EC-No.: 246-430-4  | 0.1 – 1 | Acute Tox. 4 (Oral), H302<br>Aquatic Chronic 2, H411<br>Skin Sens. 1B, H317 |
| TRIPLAL         | CAS-No.: 68039-49-6<br>EC-No.: 268-264-1<br>REACH-no: 01-2119982384-<br>28-0001 | 0.1 – 1 | Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411       |

Full text of H- and EUH-statements: see section 16

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

#### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical

advice (show the label where possible).

First-aid measures after inhalation : Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water,

followed by warm water rinse. Wash with plenty of water/.... If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on

this label). Wash contaminated clothing before reuse.

First-aid measures after 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.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/effects after inhalation : May cause an allergic skin reaction. Symptoms/effects after eye contact : Causes serious eye irritation.

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

No additional information available

## **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

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

No additional information available

## 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

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

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

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#### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

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

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

Collect spillage. Store away from other materials.

#### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

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

## 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work. Provide good ventilation in process area to prevent

formation of vapour. Avoid breathing dust/fume/gas/mist/vapours/spray.

Hygiene measures : Wash hands, forearms and face thoroughly after handling. Contaminated work clothing

should not be allowed out of the workplace. Wash contaminated clothing before reuse.

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

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep

container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

Maximum storage period : 12 months

## 7.3. Specific end use(s)

No additional information available

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

## 8.1. Control parameters

## 8.1.1 National occupational exposure and biological limit values

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No additional information available

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#### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

## Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

#### Eye protection:

Chemical goggles or safety glasses

#### 8.2.2.2. Skin protection

## Hand protection:

Wear protective gloves.

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

Wear appropriate mask

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### Other information:

Do not eat, drink or smoke during use.

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

## 9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : colourless to yellow.

Odour : Floral. Odour threshold : Not available : Not available Melting point Freezing point : Not available Boiling point : Not available Flammability : Non flammable. Lower explosion limit : Not available Upper explosion limit : Not available : 80 °C Flash point Auto-ignition temperature : Not available Decomposition temperature : Not available рΗ : Not available

: Not available Viscosity, kinematic Solubility Alcohol : Not available Partition coefficient n-octanol/water (Log Kow) Vapour pressure Not available Vapour pressure at 50°C Not available Density Not available Relative density

0.947(0.942 - 0.952)

Relative vapour density at 20°C Not available Particle characteristics : Not applicable

## 9.2. Other information

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

No additional information available

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#### 9.2.2. Other safety characteristics

Refractive index : 1.457 (1.452 – 1.462)

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

## 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Not established.

## 10.3. Possibility of hazardous reactions

Not established.

## 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

## 10.5. Incompatible materials

Strong acids. Strong bases.

## 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

**ACETATE BENZYLE (140-11-4)** 

LD50 dermal

LD50 oral

## **SECTION 11: Toxicological information**

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

Acute toxicity (oral) : Not classified Acute toxicity (dermal) : Not classified Acute toxicity (inhalation) : Not classified

| LD50 oral                                | 2490 mg/kg bodyweight |  |
|--|-----------------------|--|
| ACETATE PA (7493-74-5)                   |                       |  |
| LD50 oral                                | 500 mg/kg bodyweight  |  |
| LD50 dermal                              | 1100 mg/kg bodyweight |  |
| CYCLOHEXYL PROPIONATE ALLYLE (2705-87-5) |                       |  |
| LD50 oral                                | 380 mg/kg bodyweight  |  |
| LD50 dermal                              | 1600 mg/kg bodyweight |  |
| DAMASCONE ALPHA (24720-09-0)             |                       |  |
| LD50 oral                                | 1670 mg/kg bodyweight |  |

| ETHYL LINALOL (10339-55-6) |                       |
|----------------------------|-----------------------|
| LD50 oral                  | 5000 mg/kg bodyweight |
| IONONE (127-41-3)          |                       |

2900 mg/kg bodyweight

4590 mg/kg bodyweight

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| CITRONELLOL (106-22-9)              |  |
|-------------------------------------|--|
| LD50 oral                           | 3450 mg/kg bodyweight  |
| LD50 dermal                         | 2650 mg/kg bodyweight  |
| SALICYLATE AMYLE (2050-08-0)        |  |
| LD50 oral                           | 2000 mg/kg bodyweight  |
| TERPINEOL (98-55-5)                 |  |
| LD50 oral                           | 4300 mg/kg bodyweight  |
| TRIPLAL (68039-49-6)                |  |
| LD50 oral                           | 3900 mg/kg bodyweight  |
| VERDOX (88-41-5)                    |  |
| LD50 oral                           | 4600 mg/kg bodyweight  |
| Skin corrosion/irritation :         | Not classified   |
| Additional information :            | Based on available data, the classification criteria are not met |
| Serious eye damage/irritation :     | Causes serious eye irritation.                                   |
| Respiratory or skin sensitisation : | May cause an allergic skin reaction.                             |
| Germ cell mutagenicity :            | Not classified   |
| Additional information :            | Based on available data, the classification criteria are not met |
| Carcinogenicity :                   | Not classified   |
| Additional information :            | Based on available data, the classification criteria are not met |
| Reproductive toxicity :             | Not classified   |
| Additional information :            | Based on available data, the classification criteria are not met |
| STOT-single exposure :              | Not classified   |
| Additional information :            | Based on available data, the classification criteria are not met |
| STOT-repeated exposure :            | Not classified   |
| Additional information :            | Based on available data, the classification criteria are not met |
| Aspiration hazard :                 | Not classified   |
| Additional information :            | Based on available data, the classification criteria are not met |
| LIMONENE DROIT (+100) (5989-27-5)   |  |
| Viscosity, kinematic                | 1.3 mm²/s  |
|                                     |  |

## 11.2. Information on other hazards

## 11.2.1. Endocrine disrupting properties

No additional information available

#### 11.2.2. Other information

Potential adverse human health effects and

symptoms

: Based on available data, the classification criteria are not met

# **SECTION 12: Ecological information**

## 12.1. Toxicity

Ecology - water :

Hazardous to the aquatic environment, short–term

(acute)

Hazardous to the aquatic environment, long-term

(chronic)

: Toxic to aquatic life with long lasting effects.

: Not classified

: Toxic to aquatic life with long lasting effects.

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| Island Hibiscus                   |   |  |
|-----------------------------------|---|--|
| Persistence and degradability     | May cause long-term adverse effects in the environment. |  |
| ACETATE BENZYLE (140-11-4)        |   |  |
| Persistence and degradability     | May cause long-term adverse effects in the environment. |  |
| ACETATE GERANYLE (105-87-3)       |   |  |
| Persistence and degradability     | May cause long-term adverse effects in the environment. |  |
| ALDEHYDE C14 (104-67-6)           |   |  |
| Persistence and degradability     | May cause long-term adverse effects in the environment. |  |
| ETHYL LINALOL (10339-55-6)        |   |  |
| Persistence and degradability     | Not established.  |  |
| LIMONENE DROIT (+100) (5989-27-5) |   |  |
| Persistence and degradability     | May cause long-term adverse effects in the environment. |  |
| METHYLIONONE GAMMA (127-51-5)     |   |  |
| Persistence and degradability     | May cause long-term adverse effects in the environment. |  |
| SALICYLATE AMYLE (2050-08-0)      |   |  |
| Persistence and degradability     | May cause long-term adverse effects in the environment. |  |
| TERPINEOL (98-55-5)               |   |  |
| Persistence and degradability     | Not established.  |  |
|                                   |   |  |

## 12.3. Bioaccumulative potential

| 12.3. Bloaccumulative potential                 |                  |  |
|---|------------------|--|
| Island Hibiscus                                 |                  |  |
| Bioaccumulative potential                       | Not established. |  |
| ACETATE BENZYLE (140-11-4)                      |                  |  |
| Bioaccumulative potential                       | Not established. |  |
| ACETATE GERANYLE (105-87-3)                     |                  |  |
| Bioaccumulative potential                       | Not established. |  |
| ALDEHYDE C14 (104-67-6)                         |                  |  |
| Bioaccumulative potential                       | Not established. |  |
| ETHYL LINALOL (10339-55-6)                      |                  |  |
| Bioaccumulative potential                       | Not established. |  |
| LIMONENE DROIT (+100) (5989-27-5)               |                  |  |
| Partition coefficient n-octanol/water (Log Pow) | 4.57             |  |
| Bioaccumulative potential                       | Not established. |  |
| METHYLIONONE GAMMA (127-51-5)                   |                  |  |
| Bioaccumulative potential                       | Not established. |  |

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| SALICYLATE AMYLE (2050-08-0) |                  |
|------------------------------|------------------|
| Bioaccumulative potential    | Not established. |
| TERPINEOL (98-55-5)          |                  |
| Bioaccumulative potential    | Not established. |

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Endocrine disrupting properties

No additional information available

#### 12.7. Other adverse effects

Additional information : Avoid release to the environment.

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of

contents/container to hazardous or special waste collection point, in accordance with local,

regional, national and/or international regulation.

Ecology - waste materials : Avoid release to the environment.

## **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RID

#### 14.1. UN number or ID number

 UN-No. (ADR)
 : UN 3082

 UN-No. (IMDG)
 : UN 3082

 UN-No. (IATA)
 : UN 3082

 UN-No. (ADN)
 : UN 3082

 UN-No. (RID)
 : UN 3082

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Proper Shipping Name (IATA) : Environmentally hazardous substance, liquid, n.o.s.

Proper Shipping Name (ADN) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Proper Shipping Name (RID) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Transport document description (ADR) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ALDEHYDE

C16), 9, III, (-)

Transport document description (IMDG) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III,

MARINE POLLUTANT

Transport document description (IATA) : UN 3082 Environmentally hazardous substance, liquid, n.o.s., 9, III

Transport document description (ADN) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III
Transport document description (RID) : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III

## 14.3. Transport hazard class(es)

#### **ADR**

Transport hazard class(es) (ADR) : 9
Danger labels (ADR) : 9

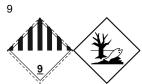
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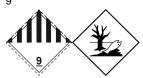
#### **IMDG**

Transport hazard class(es) (IMDG) : 9
Danger labels (IMDG) : 9



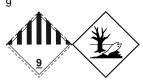
#### **IATA**

Transport hazard class(es) (IATA) :
Danger labels (IATA) :



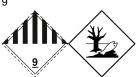
#### **ADN**

Transport hazard class(es) (ADN) : 9
Danger labels (ADN) : 9



## **RID**

Transport hazard class(es) (RID) : 9
Danger labels (RID) : 9



## 14.4. Packing group

Packing group (ADR) : III
Packing group (IMDG) : III
Packing group (IATA) : III
Packing group (ADN) : III
Packing group (RID) : III

## 14.5. Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes

Other information : No supplementary information available

## 14.6. Special precautions for user

#### **Overland transport**

Classification code (ADR) : M6

Special provisions (ADR) : 274, 335, 375, 601

Limited quantities (ADR) : 5I
Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, IBC03, LP01, R001

Special packing provisions (ADR) : PP1
Mixed packing provisions (ADR) : MP19

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Portable tank and bulk container instructions (ADR) : T4

Portable tank and bulk container special provisions : TP1, TP29

(ADR)

Tank code (ADR) : LGBV
Vehicle for tank carriage : AT
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Special provisions for carriage - Loading, unloading : CV13

and handling (ADR)

Hazard identification number (Kemler No.) : 90

Orange plates :

90 3082

Tunnel restriction code (ADR) : -

EAC code : •3Z

Transport by sea

Special provisions (IMDG) : 274, 335, 969

Limited quantities (IMDG) : 5 L Excepted quantities (IMDG) : E1 : LP01, P001 Packing instructions (IMDG) Special packing provisions (IMDG) PP1 IBC packing instructions (IMDG) IBC03 Tank instructions (IMDG) T4 Tank special provisions (IMDG) TP1, TP29 EmS-No. (Fire) : F-A : S-F EmS-No. (Spillage) Stowage category (IMDG) : A

Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y964
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 964
PCA max net quantity (IATA) : 450L
CAO packing instructions (IATA) : 964
CAO max net quantity (IATA) : 450L

Special provisions (IATA) : A97, A158, A197, A215

ERG code (IATA) : 9L

Inland waterway transport

Classification code (ADN) : M6

Special provisions (ADN) : 274, 335, 375, 601

Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E1
Carriage permitted (ADN) : T
Equipment required (ADN) : PP
Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : M6

Special provisions (RID) : 274, 335, 375, 601

Limited quantities (RID) : 5L Excepted quantities (RID) : E1

Packing instructions (RID) : P001, IBC03, LP01, R001

Special packing provisions (RID) : PP1
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T4
Portable tank and bulk container special provisions : TP1, TP29

(RID)

Tank codes for RID tanks (RID) : LGBV

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Transport category (RID) : 3

Special provisions for carriage – Packages (RID) : W12

Special provisions for carriage - Loading, unloading : CW13, CW31

and handling (RID)

Colis express (express parcels) (RID) : CE8
Hazard identification number (RID) : 90

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

Not applicable

## **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

#### **REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

#### **REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

#### **REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

#### **PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

#### **POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

#### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

#### **Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### **Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

#### Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).

Observe restrictions according Act on the Protection of Young People in Employment

(JArbSchG).

Water hazard class (WGK) : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).

: None of the components are listed

Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

**Netherlands** 

SZW-lijst van kankerverwekkende stoffen : CYCLABUT,TRIPLAL are listed

SZW-lijst van mutagene stoffen : CYCLABUT,TRIPLAL are listed SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen -

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

Denmark

Class for fire hazard : Class III-1 Store unit : 50 liter

Classification remarks : Flammable according to the Danish Ministry of Justice; Emergency management guidelines

for the storage of flammable liquids must be followed

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**Danish National Regulations** 

: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## **SECTION 16: Other information**

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE

COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and

amending Regulation (EC) No 1907/2006.

Other information : None.

| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Acute Tox. 4 (Dermal)               | Acute toxicity (dermal), Category 4                               |
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                 |
| Aquatic Acute 1                     | Hazardous to the aquatic environment – Acute Hazard, Category 1   |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment – Chronic Hazard, Category 1 |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Asp. Tox. 1                         | Aspiration hazard, Category 1                                     |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                     |
| Flam. Liq. 3                        | Flammable liquids, Category 3                                     |
| H226                                | Flammable liquid and vapour.                                      |
| H302                                | Harmful if swallowed.   |
| H304                                | May be fatal if swallowed and enters airways.                     |
| H312                                | Harmful in contact with skin.                                     |
| H315                                | Causes skin irritation.   |
| H317                                | May cause an allergic skin reaction.                              |
| H319                                | Causes serious eye irritation.                                    |
| H400                                | Very toxic to aquatic life.                                       |
| H410                                | Very toxic to aquatic life with long lasting effects.             |
| H411                                | Toxic to aquatic life with long lasting effects.                  |
| H412                                | Harmful to aquatic life with long lasting effects.                |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                             |
| Skin Sens. 1                        | Skin sensitisation, Category 1                                    |
| Skin Sens. 1B                       | Skin sensitisation, category 1B                                   |

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.