

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 Issue date: 6/17/2024 Version: 1.0

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

#### 1.1. Product identifier

| Product form  | : Mixture                                      |
|---------------|--|
| Product name  | : Hinoki Sage Diffusers 2024                   |
| Product code  | : SKU: 45363003100, 45363003000                |
| Product group | : Trade product                                |
| UFI           | : URX7-90WN-T10C-EUAA (4536300310, 4536300300) |
|               |  |

: Diffuser

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

#### 1.2.1. Relevant identified uses

Use of the substance/mixture

#### 1.2.2. Uses advised against

No additional information available

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

Illume Candles 10501 Elm Creek Boulevard N Minneapolis, MN 55369 T (952) 885-9600 <u>illumecandles.com</u>

EU ADDRESS Bloomingville A/S Lene Haus Vej 3-5 DK-7430 Ikast www.bloomingville.com

#### 1.4. Emergency telephone number

Emergency number

: Bloomingville no. +45 9626 4645. Office hours 8-16.00 Monday-Thursday. 8-14.00 Friday. Danish Toxic line +45 8212 1212

| SECTION 2: Hazards identification   |                  |
|---|------------------|
| 2.1. Classification of the substance or mixture   |                  |
| Classification according to Regulation (EC) No. 1272/2008 [C<br>Skin sensitization, Category 1<br>Hazardous to the aquatic environment – Chronic Hazard Categor<br>Full text of H statements : see section 16 | -<br>H317        |
| Adverse physicochemical, human health and environmental<br>No additional information available  | effects          |
| 2.2. Label elements   |                  |
| Labeling according to Regulation (EC) No. 1272/2008 [CLP]<br>Hazard pictograms (CLP)  | 07               |
| Signal word (CLP): WarningContains: Linalyl action  | cetate; Linalool |

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| Hazard statements (CLP)        | : H317 - May cause an allergic skin reaction.<br>H412 - Harmful to aquatic life with long lasting effects.  |
|--------------------------------|---|
| Precautionary statements (CLP) | <ul> <li>P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.</li> <li>P273 - Avoid release to the environment.</li> <li>P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.</li> <li>P302+P352 - IF ON SKIN: Wash with plenty of water.</li> <li>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.</li> <li>P362+P364 - Take off contaminated clothing and wash it before reuse.</li> </ul> |
| 2.2 Other hererde              |   |

#### 2.3. Other hazards

Other hazards which do not result in classification

: Risk of thermal burns on contact with molten product.

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 substance(s) are 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<br>Regulation (EC) No. 1272/2008<br>[CLP] |
|-----------------|---|--------|---|
| Linalyl acetate | CAS-No.: 115-95-7<br>EC-No.: 204-116-4                              | 7 – 13 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317      |
| Linalool        | CAS-No.: 78-70-6<br>EC-No.: 201-134-4<br>EC Index-No.: 603-235-00-2 | 7 – 13 | Acute Tox. 4 (Inhalation:dust,mist), H332<br>Skin Sens. 1B, H317      |

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   | : If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.   |
| First-aid measures after inhalation  | : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.<br>Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.  |
| First-aid measures after skin contact  | : IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water<br>for at least 15 minutes. If irritation develops or persists, get medical attention.  |
| First-aid measures after eye contact   | : IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing if pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.                  |
| First-aid measures after ingestion   | : IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Get medical attention if you feel unwell.   |
| 4.2. Most important symptoms and effective eff | ffects, both acute and delayed  |
| Symptoms/effects<br>Symptoms/effects after inhalation<br>Symptoms/effects after skin contact<br>Symptoms/effects after eye contact<br>Symptoms/effects after ingestion   | <ul> <li>May cause an allergic skin reaction.</li> <li>May cause respiratory irritation.</li> <li>May cause an allergic skin reaction.</li> <li>Direct contact with the eyes is likely to be irritating.</li> <li>May cause gastrointestinal irritation.</li> </ul> |

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# 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<br>Unsuitable extinguishing media  | <ul><li>Dry chemical. Carbon dioxide. Alcohol-resistant foam.</li><li>Do not use a heavy water stream.</li></ul>   |
| 5.2. Special hazards arising from the subst   | tance or mixture   |
| Fire hazard<br>Explosion hazard<br>Reactivity in case of fire<br>Hazardous decomposition products in case of fire | <ul> <li>Combustible liquid.</li> <li>Product is not explosive.</li> <li>None known.</li> <li>No information available.</li> </ul>   |
| 5.3. Advice for firefighters  |  |
| Precautionary measures fire<br>Firefighting instructions  | <ul> <li>Eliminate all ignition sources if safe to do so.</li> <li>Use cold water spray to cool fire-exposed containers to minimize risk of rupture. Do not dispose of fire-fighting water in the environment. Dispose of in accordance with relevant local regulations. Prevent human exposure to fire, fumes, smoke and products of combustion.</li> </ul> |
| 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   |  |  |  |
| General measures   | : Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection. |  |  |
| 6.1.1. For non-emergency personnel   |  |  |  |
| Protective equipment<br>Emergency procedures   | <ul><li>Wear Protective equipment as described in Section 8.</li><li>Evacuate unnecessary personnel.</li></ul>   |  |  |
| 6.1.2. For emergency responders  |  |  |  |
| Protective equipment   | : For further information refer to section 8: "Exposure controls/personal protection".   |  |  |
| 6.2. Environmental precautions   |  |  |  |
| Notify authorities if product enters sewers or public waters. Prevent entry to sewers and public waters. Avoid release to the environment. |  |  |  |

| 6.3. Methods and material for containment and cleaning up |   |
|---|---|
| For containment   | : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Prevent entry to sewers and public waters.   |
| Methods for cleaning up                                   | : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.<br>Place in a suitable container for disposal in accordance with the waste regulations (see<br>Section 13). |
| 6.4. Reference to other sections                          |   |

| SECTION 7: Handling and storage    |   |
|------------------------------------|---|
| 7.1. Precautions for safe handling |   |
| Precautions for safe handling      | : Wear personal protective equipment. Do not handle until all safety precautions have been read and understood. Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |

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

Storage conditions

: Store in a well-ventilated place. Keep cool. Protect from sunlight. Keep away from ignition sources. Store away from incompatible materials. Protect from moisture.

# 7.3. Specific end use(s)

Candles.

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

#### 8.1. Control parameters

#### 8.1.1. National occupational exposure and biological limit values

| Dipropylene glycol monomethyl ether (34590-94-8)   |  |  |  |
|--|--|--|--|
| EU - Indicative Occupational Exposure Limit (IOEL) |  |  |  |
| IOEL TWA   | 308 mg/m <sup>3</sup>                              |  |  |
| IOEL TWA [ppm]                                     | 50 ppm   |  |  |
| Notes  | Possibility of significant uptake through the skin |  |  |
| Austria - Occupational Exposure Limits             |  |  |  |
| MAK (OEL TWA)                                      | 307 mg/m³ (mixed isomers)                          |  |  |
| MAK (OEL TWA) [ppm]                                | 50 ppm (mixed isomers)                             |  |  |
| MAK (OEL STEL)                                     | 614 mg/m³ (isomers mixtures)                       |  |  |
| MAK (OEL STEL) [ppm]                               | 100 ppm (isomers mixtures)                         |  |  |
| Chemical category                                  | skin notation                                      |  |  |
| Belgium - Occupational Exposure Limits             |  |  |  |
| OEL TWA  | 308 mg/m³  |  |  |
| OEL TWA  | 50 ppm   |  |  |
| Chemical category                                  | Skin, skin notation                                |  |  |
| Bulgaria - Occupational Exposure Limits            | Bulgaria - Occupational Exposure Limits            |  |  |
| OEL TWA  | 308 mg/m³  |  |  |
| OEL TWA  | 50 ppm   |  |  |
| Croatia - Occupational Exposure Limits             |  |  |  |
| GVI (OEL TWA) [1]                                  | 308 mg/m³  |  |  |
| GVI (OEL TWA) [2]                                  | 50 ppm   |  |  |
| Chemical category                                  | skin notation                                      |  |  |
| Cyprus - Occupational Exposure Limits              |  |  |  |
| OEL TWA  | 308 mg/m³  |  |  |
| OEL TWA  | 50 ppm   |  |  |
| Chemical category                                  | Skin-potential for cutaneous absorption            |  |  |
| Czech Republic - Occupational Exposure Limits      |  |  |  |
| PEL (OEL TWA)                                      | 270 mg/m³  |  |  |
| Chemical category                                  | Potential for cutaneous absorption                 |  |  |
| Denmark - Occupational Exposure Limits             |  |  |  |
| OEL TWA [1]  | 309 mg/m³  |  |  |
|  |  |  |  |

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| Dipropylene glycol monomethyl ether (34590-94-8)  |   |  |
|---|---|--|
| OEL TWA [2]                                       | 50 ppm  |  |
| OEL STEL  | 618 mg/m <sup>3</sup>                                   |  |
| OEL STEL  | 100 ppm   |  |
| Chemical category                                 | Potential for cutaneous absorption                      |  |
| Estonia - Occupational Exposure Limits            |   |  |
| OEL TWA   | 308 mg/m <sup>3</sup>                                   |  |
| OEL TWA   | 50 ppm  |  |
| Chemical category                                 | skin notation   |  |
| Finland - Occupational Exposure Limits            |   |  |
| HTP (OEL TWA) [1]                                 | 310 mg/m³   |  |
| HTP (OEL TWA) [2]                                 | 50 ppm  |  |
| Chemical category                                 | Potential for cutaneous absorption                      |  |
| France - Occupational Exposure Limits             |   |  |
| VME (OEL TWA)                                     | 308 mg/m³ (restrictive limit)                           |  |
| VME (OEL TWA) [ppm]                               | 50 ppm (restrictive limit)                              |  |
| Chemical category                                 | Risk of cutaneous absorption                            |  |
| Germany - Occupational Exposure Limits (TRGS 900) |   |  |
| AGW (OEL TWA) [1]                                 | 310 mg/m³ (isomer mixture)                              |  |
| AGW (OEL TWA) [2]                                 | 50 ppm (isomer mixture)                                 |  |
| Gibraltar - Occupational Exposure Limits          |   |  |
| OEL TWA   | 308 mg/m³   |  |
| OEL TWA   | 50 ppm  |  |
| Chemical category                                 | skin notation   |  |
| Greece - Occupational Exposure Limits             |   |  |
| OEL TWA   | 600 mg/m³   |  |
| OEL TWA   | 100 ppm   |  |
| OEL STEL  | 900 mg/m³   |  |
| OEL STEL  | 150 ppm   |  |
| Chemical category                                 | skin - potential for cutaneous absorption               |  |
| Hungary - Occupational Exposure Limits            |   |  |
| AK (OEL TWA)                                      | 308 mg/m³   |  |
| Ireland - Occupational Exposure Limits            |   |  |
| OEL TWA [1]                                       | 308 mg/m³ ((2-Methoxymethylethoxy)propanol)             |  |
| OEL TWA [2]                                       | 50 ppm ((2-Methoxymethylethoxy)propanol)                |  |
| OEL STEL  | 924 mg/m³ (calculated (2-(2-Methoxypropoxy)-1-propanol) |  |
| OEL STEL  | 150 ppm (calculated (2-(2-Methoxypropoxy)-1-propanol)   |  |
| Chemical category                                 | Potential for cutaneous absorption                      |  |
| Italy - Occupational Exposure Limits              |   |  |
| OEL TWA   | 308 mg/m³ (1-(3-Methoxypropoxy)propan-1-ol)             |  |

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| Dipropylene glycol monomethyl ether (34590-94-8) |  |  |
|--|--|--|
| OEL TWA  | 50 ppm (1-(3-Methoxypropoxy)propan-1-ol)   |  |
| Chemical category                                | skin - potential for cutaneous absorption  |  |
| Latvia - Occupational Exposure Limits            |  |  |
| OEL TWA  | 308 mg/m <sup>3</sup>  |  |
| OEL TWA  | 50 ppm   |  |
| Chemical category                                | skin - potential for cutaneous exposure  |  |
| Lithuania - Occupational Exposure Limits         |  |  |
| IPRV (OEL TWA)                                   | 300 mg/m³ (2-(2-Methoxypropoxy)-propanol)  |  |
| IPRV (OEL TWA) [ppm]                             | 50 ppm (2-(2-Methoxypropoxy)-propanol)   |  |
| TPRV (OEL STEL)                                  | 450 mg/m³ (2-(2-Methoxypropoxy)-propanol)  |  |
| TPRV (OEL STEL) [ppm]                            | 75 ppm (2-(2-Methoxypropoxy)-propanol)   |  |
| Chemical category                                | skin notation  |  |
| Luxembourg - Occupational Exposure Limits        |  |  |
| OEL TWA  | 308 mg/m <sup>3</sup>  |  |
| OEL TWA  | 50 ppm   |  |
| Chemical category                                | Possibility of significant uptake through the skin   |  |
| Malta - Occupational Exposure Limits             |  |  |
| OEL TWA  | 308 mg/m <sup>3</sup>  |  |
| OEL TWA  | 50 ppm   |  |
| Chemical category                                | Possibility of significant uptake through the skin   |  |
| Netherlands - Occupational Exposure Limits       |  |  |
| TGG-8u (OEL TWA)                                 | 300 mg/m <sup>3</sup>  |  |
| TGG-8u (OEL TWA) [ppm]                           | 48.7 ppm   |  |
| Poland - Occupational Exposure Limits            |  |  |
| NDS (OEL TWA)                                    | 240 mg/m <sup>3</sup> (mixture of isomers: 1-(2-Methoxy-1-methylethoxy)propan-2-ol, 1-(2-Methoxy-2-methylethoxy)propan-2-ol and 2-(2-Methoxy-1-methylethoxy)propan-1-ol) |  |
| NDSCh (OEL STEL)                                 | 480 mg/m <sup>3</sup> (mixture of isomers: 1-(2-Methoxy-1-methylethoxy)propan-2-ol, 1-(2-Methoxy-2-methylethoxy)propan-2-ol, 2-(2-Methoxy-1-methylethoxy)propan-1-ol)    |  |
| Portugal - Occupational Exposure Limits          |  |  |
| OEL TWA  | 308 mg/m³ (indicative limit value)   |  |
| OEL TWA  | 50 ppm (indicative limit value)  |  |
| OEL STEL   | 150 ppm  |  |
| Chemical category                                | skin - potential for cutaneous exposure indicative limit value   |  |
| Romania - Occupational Exposure Limits           |  |  |
| OEL TWA  | 308 mg/m <sup>3</sup>  |  |
| OEL TWA  | 50 ppm   |  |
| Chemical category                                | skin notation  |  |
| Slovakia - Occupational Exposure Limits          |  |  |
| NPHV (OEL TWA) [1]                               | 308 mg/m <sup>3</sup>  |  |
| NPHV (OEL TWA) [2]                               | 50 ppm   |  |

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| Dipropylene glycol monomethyl ether (34590-94-8) |   |  |
|--|---|--|
| Chemical category                                | Potential for cutaneous absorption        |  |
| Slovenia - Occupational Exposure Limits          |   |  |
| OEL TWA  | 308 mg/m <sup>3</sup>                     |  |
| OEL TWA  | 50 ppm                                    |  |
| OEL STEL   | 308 mg/m <sup>3</sup>                     |  |
| OEL STEL   | 50 ppm                                    |  |
| Chemical category                                | Potential for cutaneous absorption        |  |
| Spain - Occupational Exposure Limits             | ·   |  |
| VLA-ED (OEL TWA) [1]                             | 308 mg/m³ (indicative limit value)        |  |
| VLA-ED (OEL TWA) [2]                             | 50 ppm (indicative limit value)           |  |
| Chemical category                                | skin - potential for cutaneous absorption |  |
| Sweden - Occupational Exposure Limits            |   |  |
| NGV (OEL TWA)                                    | 300 mg/m³                                 |  |
| NGV (OEL TWA) [ppm]                              | 50 ppm                                    |  |
| KGV (OEL STEL)                                   | 450 mg/m³                                 |  |
| KGV (OEL STEL) [ppm]                             | 75 ppm                                    |  |
| Chemical category                                | skin notation                             |  |
| United Kingdom - Occupational Exposure Limits    |   |  |
| WEL TWA (OEL TWA) [1]                            | 308 mg/m³                                 |  |
| WEL TWA (OEL TWA) [2]                            | 50 ppm                                    |  |
| WEL STEL (OEL STEL)                              | 924 mg/m³ (calculated)                    |  |
| WEL STEL (OEL STEL) [ppm]                        | 150 ppm (calculated)                      |  |
| WEL chemical category                            | Potential for cutaneous absorption        |  |
| Norway - Occupational Exposure Limits            |   |  |
| Grenseverdi (OEL TWA) [1]                        | 300 mg/m <sup>3</sup>                     |  |
| Grenseverdi (OEL TWA) [2]                        | 50 ppm                                    |  |
| Korttidsverdi (OEL STEL)                         | 375 mg/m³ (value calculated)              |  |
| Korttidsverdi (OEL STEL) [ppm]                   | 75 ppm (value calculated)                 |  |
| Chemical category                                | skin notation                             |  |
| Switzerland - Occupational Exposure Limits       |   |  |
| MAK (OEL TWA) [1]                                | 300 mg/m³ (aerosol, vapour)               |  |
| MAK (OEL TWA) [2]                                | 50 ppm (aerosol, vapour)                  |  |
| KZGW (OEL STEL)                                  | 300 mg/m³ (aerosol, vapour)               |  |
| KZGW (OEL STEL) [ppm]                            | 50 ppm (aerosol, vapour)                  |  |
| Turkey - Occupational Exposure Limits            |   |  |
| OEL TWA  | 308 mg/m³                                 |  |
| OEL TWA  | 50 ppm                                    |  |
| Chemical category                                | skin notation                             |  |

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| Dipropylene glycol monomethyl ether (34590-94-8)   |                             |
|--|-----------------------------|
| USA - ACGIH - Occupational Exposure Limits         |                             |
| Local name Dipropylene glycol methyl ether (DPGME) |                             |
| ACGIH OEL TWA [ppm]                                | 100 ppm                     |
| ACGIH OEL STEL [ppm]                               | 150 ppm                     |
| Remark (ACGIH)                                     | TLV® Basis: Liver & CNS eff |
| Regulatory reference                               | ACGIH 2024                  |

#### 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

#### Appropriate engineering controls:

Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

#### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Gloves. Protective goggles. Wear labcoat with full coverage clothing.

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

#### Eye protection:

Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles [EN 166]

#### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.[ EN 14605:2005 and EN 13034:2005]

#### Hand protection:

Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.

#### 8.2.2.3. Respiratory protection

#### **Respiratory protection:**

Where vapor, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.

#### 8.2.2.4. Thermal hazards

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#### 8.2.3. Environmental exposure controls

No additional information available

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

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

| Divisional atata                                |   | Liquid                  |
|---|---|-------------------------|
| Physical state                                  | ÷ | Liquid<br>Not available |
| Color   | - |                         |
| Odor<br>Odor                                    | - | Characteristic.         |
| Odor threshold                                  | : | Not available           |
| Melting point                                   | : | Not available           |
| Freezing point                                  | - | Not available           |
| Boiling point                                   | : | Not available           |
| Flammability                                    | - | Not available           |
| Explosion limits                                | : | Not available           |
| Lower explosive limit (LEL)                     | : | Not available           |
| Upper explosive limit (UEL)                     | : | Not available           |
| Flash point                                     | : | 189 °F / 87 °C          |
| Auto-ignition temperature                       | : | Not available           |
| Decomposition temperature                       | : | Not available           |
| рН  | : | Not available           |
| Viscosity, kinematic                            | : | Not available           |
| Solubility                                      | : | Not available           |
| Partition coefficient n-octanol/water (Log Kow) | : | Not available           |
| Vapor pressure                                  | : | Not available           |
| Vapor pressure at 50°C                          | : | Not available           |
| Density   | : | Not available           |
| Relative density                                | : | Not available           |
| Relative vapor density at 20°C                  | : | Not available           |
| Particle size                                   | : | Not applicable          |
| Particle size distribution                      | : | Not applicable          |
| Particle shape                                  | : | Not applicable          |
| Particle aspect ratio                           | : | Not applicable          |
| Particle aggregation state                      | : | Not applicable          |
| Particle agglomeration state                    | - | Not applicable          |
| Particle specific surface area                  |   | Not applicable          |
| Particle dustiness                              |   | Not applicable          |
|   | • | a de applicable         |

### 9.2. Other information

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

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

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

#### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

None under normal conditions.

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#### 10.4. Conditions to avoid

None under normal use.

### 10.5. Incompatible materials

None known.

#### **10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

#### **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 Linalyl acetate (115-95-7) LD50 oral rat 13934 mg/kg LD50 dermal rabbit > 5000 mg/kg Source: HSDB LC50 Inhalation - Rat > 18.94 mg/l (Exposure time: 8 h Source: ECHA) LC50 Inhalation - Rat (Dust/Mist) > 2.74 mg/l Source: SIDS Linalool (78-70-6) LD50 oral rat 2790 mg/kg (Source: NLM CIP) LD50 oral 2790 mg/kg body weight LD50 dermal rat 5610 mg/kg LD50 dermal rabbit 5610 mg/kg (Source: ECHA\_API) LC50 Inhalation - Rat 3.2 mg/l 1 h; Mouse : Not classified Skin corrosion/irritation : Not classified Serious eye damage/irritation Respiratory or skin sensitization : Base substance was sensitizing in a Guinea Pig Maximization Test (OECD 406) Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

# 11.2. Information on other hazards

### 11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties

: 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 substance(s) are 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 %

#### 11.2.2. Other information

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## **SECTION 12: Ecological information**

12.2. Persistence and degradability

#### 12.1. Toxicity

Ecology - general

Hazardous to the aquatic environment, short-term (acute) Hazardous to the aquatic environment, long-term (chronic)

- : No information available.
- : Not classified
  - : Harmful to aquatic life with long lasting effects.

| No additional information available  |  |
|--|--|
| 12.3. Bioaccumulative potential  |  |
| No additional information available  |  |
| 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  |  |
| Adverse effects on the environment caused by endocrine disrupting properties | The mixture does not contain substance(s) included in the list established in accordance<br>with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are<br>not identified as having endocrine disrupting properties in accordance with the criteria set<br>out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU)<br>2018/605 at a concentration equal to or greater than 0,1 % |

12.7. Other adverse effects

No additional information available

| SECTION 13: Disposal considerations        |  |  |
|--|--|--|
| 13.1. Waste treatment methods              |  |  |
| Waste treatment methods                    | : Do not discharge to public wastewater systems without permit of pollution control authorities.   |  |
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. Do not allow the<br>product to be released into the environment. |  |

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

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

| 14.1. UN number or ID number   |  |  |
|--|--|--|
| UN-No. (ADR)<br>UN-No. (IMDG)<br>UN-No. (IATA)<br>UN-No. (ADN)<br>UN-No. (RID)   | <ul> <li>Not regulated</li> <li>Not regulated</li> <li>Not regulated</li> <li>Not regulated</li> <li>Not regulated</li> </ul>                              |  |
| 14.2. UN proper shipping name  |  |  |
| Proper Shipping Name (ADR)<br>Proper Shipping Name (IMDG)<br>Proper Shipping Name (IATA)<br>Proper Shipping Name (ADN)<br>Proper Shipping Name (RID) | <ul> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> </ul> |  |

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| 14.3. Transport hazard class(es)  |  |  |
|---|--|--|
| ADR<br>Transport hazard class(es) (ADR)   | : Not applicable   |  |
| IMDG<br>Transport hazard class(es) (IMDG)   | : Not applicable   |  |
| IATA<br>Transport hazard class(es) (IATA)   | : Not applicable   |  |
| ADN<br>Transport hazard class(es) (ADN)   | : Not applicable   |  |
| <b>RID</b><br>Transport hazard class(es) (RID)  | : Not applicable   |  |
| 14.4. Packing group   |  |  |
| Packing group (ADR)<br>Packing group (IMDG)<br>Packing group (IATA)<br>Packing group (ADN)<br>Packing group (RID) | <ul> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> <li>Not applicable</li> </ul> |  |
| 14.5. Environmental hazards   |  |  |
| Dangerous for the environment<br>Marine pollutant<br>Other information  | : No<br>: No<br>: No supplementary information available   |  |
| 14.6. Special precautions for user  |  |  |
| <b>Overland transport</b><br>Not applicable   |  |  |
| <b>Transport by sea (IMDG)</b><br>Not applicable  |  |  |
| <b>Air transport (IATA)</b><br>Not applicable   |  |  |
| Inland waterway transport<br>Not applicable   |  |  |
| Rail transport<br>Not applicable  |  |  |
| 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

Contains no REACH substances with Annex XVII restrictions Contains no REACH candidate substance Contains no REACH Annex XIV substances. Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

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Contains no substance(s) subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### 15.1.2. National regulations

All chemical substances in this product are listed as "Active" in the EPA (Environmental Protection Agency) "TSCA Inventory Notification (Active-Inactive) Requirements Rule" ("the Final Rule") of Feb. 2019, as amended Feb. 2021, or are otherwise exempt or regulated by other agencies such as FDA or FIFRA

| <b>Germany</b><br>Water hazard class (WGK)<br>WGK remark | <ul> <li>WGK 1, slightly hazardous to water (Classification according to AwSV, Annex 1)</li> <li>Classification based on the components in compliance withVerwaltungsvorschrift wassergefährdender Stoffe (VwVwS)</li> </ul> |
|--|--|
| Hazardous Incident Ordinance (12. BImSchV)               | : Is not subject to the Hazardous Incident Ordinance (12. BImSchV)   |
| Netherlands  |  |
| SZW-lijst van kankerverwekkende stoffen                  | : None of the components are listed  |
| SZW-lijst van mutagene stoffen                           | : None of the components are listed  |
| SZW-lijst van reprotoxische stoffen – Borstvoeding       | : None of the components are listed  |
| SZW-lijst van reprotoxische stoffen –                    | : None of the components are listed  |
| Vruchtbaarheid   |  |
| SZW-lijst van reprotoxische stoffen – Ontwikkeling       | : None of the components are listed  |
| Denmark  |  |
| Danish National Regulations                              | : Young people below the age of 18 years are not allowed to use the product  |
| Switzerland  |  |
| Storage class (LK)                                       | : LK 10/12 - Liquids   |
|  |  |

### 15.2. Chemical safety assessment

| SECTION 16: Other information |   |  |  |
|-------------------------------|---|--|--|
| Abbreviations and acr         | Abbreviations and acronyms  |  |  |
| ACGIH                         | American Conference of Government Industrial Hygienists   |  |  |
| ADN                           | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways   |  |  |
| ADR                           | European Agreement concerning the International Carriage of Dangerous Goods by Road               |  |  |
| CAS-No.                       | Chemical Abstract Service number  |  |  |
| CLP                           | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008                       |  |  |
| DNEL                          | Derived-No Effect Level   |  |  |
| EC50                          | Median effective concentration  |  |  |
| EC-No.                        | European Community number   |  |  |
| ED                            | Endocrine disrupting properties   |  |  |
| EN                            | European Standard   |  |  |
| ΙΑΤΑ                          | International Air Transport Association   |  |  |
| IMDG                          | International Maritime Dangerous Goods  |  |  |
| LD50                          | Median lethal dose  |  |  |
| OEL                           | Occupational Exposure Limit   |  |  |
| OSHA                          | Occupational Safety and Health Administration   |  |  |
| РВТ                           | Persistent Bioaccumulative Toxic  |  |  |
| PNEC                          | Predicted No-Effect Concentration   |  |  |
| REACH                         | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 |  |  |
| RID                           | Regulations concerning the International Carriage of Dangerous Goods by Rail                      |  |  |

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| Abbreviations and acronyms |  |  |
|----------------------------|--|--|
| SDS                        | Safety Data Sheet                        |  |
| STOT                       | Specific target organ toxicity           |  |
| TRGS                       | Technical Rules for Hazardous Substances |  |
| vPvB                       | Very Persistent and Very Bioaccumulative |  |
| WGK                        | Water Hazard Class                       |  |

corresponding product packaging.

Data sources

 Globally Harmonized System of Classification and Labelling of Chemicals (GHS). Classification for the USA in accordance with 29 CFR 1910.1200 (2012).
 Classification for the EU in accordance with 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.
 ECHA (European Chemicals Agency).

: Normal use of this product shall imply use in accordance with the instructions for use and

Training advice

Indication of changes: Revision 1.0: New SDS Created.

Other information

: Author: JAD.

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| Full text of H- and EUH-phrases        |  |  |
|--|--|--|
| Acute Tox. 4<br>(Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4                 |  |
| Aquatic Chronic 2                      | Hazardous to the aquatic environment – Chronic Hazard Category 2 |  |
| Eye Irrit. 2                           | Serious eye damage/eye irritation, Category 2                    |  |
| Skin Irrit. 2                          | Skin corrosion/irritation Category 2                             |  |
| Skin Sens. 1B                          | Skin sensitization, Category 1B                                  |  |
| H315                                   | Causes skin irritation.  |  |
| H317                                   | May cause an allergic skin reaction.                             |  |
| H319                                   | Causes serious eye irritation.                                   |  |
| H332                                   | Harmful if inhaled.  |  |
| H411                                   | Toxic to aquatic life with long lasting effects.                 |  |
| H412                                   | 2 Harmful to aquatic life with long lasting effects.             |  |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP] |      |                      |
|--|------|----------------------|
| Skin Sens. 1   | H317 | Concentration limits |
| Aquatic Chronic 3  | H412 | Calculation method   |

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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.