

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

### 1.1. Product identifier

|                 |                            |
|-----------------|----------------------------|
| Product form    | : Mixture                  |
| Trade name      | : MULBERRY MAGIC #EU57827F |
| UFI             | : EG4R-0CAH-F00Q-YS8R      |
| Product code    | : EU57827F                 |
| Type of product | : Perfumes, fragrances     |
| Product group   | : Trade product            |

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

#### Relevant identified uses

|                                  |   |
|----------------------------------|---|
| Main use category                | : Professional use, Industrial use        |
| Industrial/Professional use spec | : Industrial<br>For professional use only |
| Use of the substance/mixture     | : Perfumes, fragrances                    |
| Function or use category         | : Odour agents                            |

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

FRENCH COLOR & FRAGRANCE INTERNATIONAL GmbH  
Mittlerer Weg 35  
DE 79424 Auggen  
Germany  
T 49-7631-931-8900  
[SDS@frenchcolor.com](mailto:SDS@frenchcolor.com), [www.frenchcolor.com](http://www.frenchcolor.com)

### 1.4. Emergency telephone number

|                  |  |
|------------------|--|
| Emergency number | : 1-800-255-3924; +01-813-248-0585; China: +400-120-0751; Mexico: +01-800-099-0731;<br>Brazil: +0-800-591-6042; India: +000-800-100-4086 |
|------------------|--|

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

|   |      |
|---|------|
| Skin sensitisation, Category 1                                    | H317 |
| Hazardous to the aquatic environment – Chronic Hazard, Category 2 | H411 |
| Full text of H- and EUH-statements: see section 16                |      |

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

Toxic to aquatic life with long lasting effects. May cause an allergic skin reaction.

### 2.2. Label elements

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

Hazard pictograms (CLP)



Signal word (CLP)

: Warning

Contains

: Aldehyde C-16; Orange oil ; 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone; Orange Oil; Cinnamic aldehyde; Grapefruit oil; Triplal (Vertocitral); Citral; Linalyl acetate; Eugenol; COUMARIN

Hazard statements (CLP)

: H317 - May cause an allergic skin reaction.  
H411 - Toxic to aquatic life with long lasting effects.

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Precautionary statements (CLP) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
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.  
P321 - Specific treatment (see supplemental first aid instruction on this label).

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  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 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

### 3.2. Mixtures

| Name  | Product identifier   | %           | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|---|--|-------------|--|
| Bis(2-ethylhexyl) adipate<br>substance with national workplace exposure limit(s)<br>(PL)                  | CAS-No.: 103-23-1<br>EC-No.: 203-090-1<br>REACH-no: 01-2119439699-19   | 33.1 – 66.2 | Not classified   |
| Aldehyde C-16   | CAS-No.: 77-83-8<br>EC-No.: 201-061-8<br>REACH-no: 01-2119967770-28    | 1.5 – 3     | Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411   |
| Orange oil  | CAS-No.: 8008-57-9<br>EC-No.: 232-433-8<br>REACH-no: 01-2119493353-35  | 1.5 – 3     | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Asp. Tox. 1, H304<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411 |
| 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone                                  | CAS-No.: 54464-57-2<br>EC-No.: 259-174-3<br>REACH-no: 01-2119489989-04 | 1 – 2       | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 1, H410   |
| Benzyl acetate<br>substance with national workplace exposure limit(s)<br>(BE, DK, ES, IE, LT, LV, PT, RO) | CAS-No.: 140-11-4<br>EC-No.: 205-399-7<br>REACH-no: 01-2119638272-42   | 0.7 – 1.4   | Aquatic Chronic 3, H412  |
| Ethyl maltol  | CAS-No.: 4940-11-8<br>EC-No.: 225-582-5                                | 0.5 – 1     | Acute Tox. 4 (Oral), H302  |
| Aldehyde C-10   | CAS-No.: 112-31-2<br>EC-No.: 203-957-4                                 | 0.5 – 1     | Eye Irrit. 2, H319<br>Aquatic Chronic 3, H412  |
| Orange Oil  | CAS-No.: 8028-48-6<br>EC-No.: 232-433-8                                | 0.5 – 1     | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411                          |

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| Name  | Product identifier  | %          | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|---|---|------------|--|
| Ethylene brassylate   | CAS-No.: 105-95-3<br>EC-No.: 203-347-8<br>REACH-no: 01-2119976314-33                                | 0.5 – 1    | Aquatic Chronic 2, H411  |
| Cinnamic aldehyde   | CAS-No.: 104-55-2<br>EC-No.: 203-213-9<br>EC Index-No.: 606-155-00-6<br>REACH-no: 01-2119935242-45  | 0.4 – 0.8  | Acute Tox. 4 (Dermal), H312<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1A, H317<br>Aquatic Chronic 3, H412                             |
| Allyl heptanoate  | CAS-No.: 142-19-8<br>EC-No.: 205-527-1<br>REACH-no: 01-2119488961-23                                | 0.3 – 0.6  | Acute Tox. 3 (Oral), H301<br>Acute Tox. 3 (Dermal), H311<br>Acute Tox. 3 (Inhalation), H331<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 3, H412 |
| Grapefruit oil  | CAS-No.: 8016-20-4<br>EC-No.: 600-007-4   | 0.2 – 0.45 | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411  |
| Triplal (Vertocitral)   | CAS-No.: 68039-49-6<br>EC-No.: 268-264-1<br>EC Index-No.: 605-043-00-4                              | 0.2 – 0.4  | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>Aquatic Chronic 3, H412   |
| citral<br>substance with national workplace exposure limit(s)<br>(BE, ES, IE, PL, PT)                       | CAS-No.: 5392-40-5<br>EC-No.: 226-394-6<br>EC Index-No.: 605-019-00-3<br>REACH-no: 01-2119462829-23 | 0.2 – 0.3  | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317  |
| Allyl amyl glycolate  | CAS-No.: 67634-00-8<br>EC-No.: 266-803-5  | 0.2 – 0.3  | Acute Tox. 4 (Oral), H302<br>Acute Tox. 2 (Inhalation), H330<br>Aquatic Chronic 1, H410  |
| Linalyl acetate   | CAS-No.: 115-95-7<br>EC-No.: 204-116-4<br>REACH-no: 01-2119454789-19                                | 0.1 – 0.2  | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317  |
| Eugenol   | CAS-No.: 97-53-0<br>EC-No.: 202-589-1<br>REACH-no: 01-2119971802-33                                 | 0.1 – 0.15 | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317   |
| COUMARIN  | CAS-No.: 91-64-5<br>EC-No.: 202-086-7<br>REACH-no: 01-2119943756-26                                 | 0.1 – 0.1  | Acute Tox. 4 (Oral), H302<br>Skin Sens. 1B, H317   |
| Dimethyl sulfide<br>substance with national workplace exposure limit(s)<br>(BE, EE, ES, IE, LT, LV, PT, SE) | CAS-No.: 75-18-3<br>EC-No.: 200-846-2   | 0 – 0.0004 | Flam. Liq. 2, H225<br>Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2, H319  |

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| Specific concentration limits: |  |   |
|--------------------------------|--|---|
| Name                           | Product identifier   | Specific concentration limits (%)   |
| Cinnamic aldehyde              | CAS-No.: 104-55-2<br>EC-No.: 203-213-9<br>EC Index-No.: 606-155-00-6<br>REACH-no: 01-2119935242-45 | (0.001 < C < 0.01) EUH208<br>(0.01 ≤ C < 0.1) Skin Sens. 1; H317<br>(0.1 ≤ C < 100) Skin Sens. 1A; 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            | : 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   | : Remove person to fresh air and keep comfortable for breathing. 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. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Get medical advice/attention. on this label). If skin irritation occurs: Get medical advice/attention. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.   |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.  |

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

|                                     |  |
|-------------------------------------|--|
| Symptoms/effects                    | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Symptoms/effects after skin contact | : May cause an allergic skin reaction.   |

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Sand. Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                     |

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

|  |                                |
|--|--------------------------------|
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |
|--|--------------------------------|

### 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. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

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### SECTION 6: Accidental release measures

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

##### For non-emergency personnel

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

##### For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

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

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

For containment : Collect spillage.  
Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.  
Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection. For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. 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 contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear personal protective equipment.  
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 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 away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.  
Incompatible products : Strong bases. Strong acids.  
Incompatible materials : Sources of ignition. Direct sunlight.  
Storage temperature : 25 °C  
Storage area : Store in a well-ventilated place. Store away from heat.  
Special rules on packaging : Store in a closed container.  
Packaging materials : Do not store in corrodable metal.

##### Germany

Storage class (LGK, TRGS 510)

Joint storage table

: LGK 10 - Combustible liquids

|          |         |          |          |           |
|----------|---------|----------|----------|-----------|
| LGK 1    | LGK 2A  | LGK 2B   | LGK 3    | LGK 4.1A  |
| LGK 4.1B | LGK 4.2 | LGK 4.3  | LGK 5.1A | LGK 5.1B  |
| LGK 5.1C | LGK 5.2 | LGK 6.1A | LGK 6.1B | LGK 6.1C  |
| LGK 6.1D | LGK 6.2 | LGK 7    | LGK 8A   | LGK 8B    |
| LGK 10   | LGK 11  | LGK 12   | LGK 13   | LGK 10-13 |

Joint storage not permitted for

: LGK 1, LGK 2A, LGK 5.1A, LGK 6.2, LGK 7

Joint storage with restrictions permitted for

: LGK 4.1A, LGK 4.2, LGK 4.3, LGK 5.1B, LGK 5.1C, LGK 5.2

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Joint storage permitted for : LGK 2B, LGK 3, LGK 4.1B, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13

### Switzerland

Storage class (LK) : LK 10/12 - Liquids

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### National occupational exposure and biological limit values

| Bis(2-ethylhexyl) adipate (103-23-1)     |   |
|--|---|
| Poland - Occupational Exposure Limits    |   |
| NDS (OEL TWA)                            | 400 mg/m <sup>3</sup>                       |
| Benzyl acetate (140-11-4)                |   |
| Belgium - Occupational Exposure Limits   |   |
| OEL TWA                                  | 62 mg/m <sup>3</sup>                        |
|  | 10 ppm                                      |
| Denmark - Occupational Exposure Limits   |   |
| OEL TWA                                  | 61 mg/m <sup>3</sup>                        |
|  | 10 ppm                                      |
| OEL STEL                                 | 122 mg/m <sup>3</sup>                       |
|  | 20 ppm                                      |
| Ireland - Occupational Exposure Limits   |   |
| OEL TWA                                  | 10 ppm                                      |
| OEL STEL                                 | 30 ppm (calculated)                         |
| Latvia - Occupational Exposure Limits    |   |
| OEL TWA                                  | 5 mg/m <sup>3</sup>                         |
| Lithuania - Occupational Exposure Limits |   |
| IPRV (OEL TWA)                           | 5 mg/m <sup>3</sup>                         |
| Portugal - Occupational Exposure Limits  |   |
| OEL TWA                                  | 10 ppm                                      |
| OEL chemical category                    | A4 - Not Classifiable as a Human Carcinogen |
| Romania - Occupational Exposure Limits   |   |
| OEL TWA                                  | 50 mg/m <sup>3</sup>                        |
|  | 8 ppm                                       |
| OEL STEL                                 | 80 mg/m <sup>3</sup>                        |
|  | 13 ppm                                      |
| Spain - Occupational Exposure Limits     |   |
| VLA-ED (OEL TWA)                         | 62 mg/m <sup>3</sup>                        |
|  | 10 ppm                                      |

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|   |   |
|---|---|
| <b>Benzyl acetate (140-11-4)</b>                  |   |
| <b>USA - ACGIH - Occupational Exposure Limits</b> |   |
| ACGIH® TLV® TWA                                   | 10 ppm  |
| ACGIH chemical category                           | Not Classifiable as a Human Carcinogen  |
| <b>citral (5392-40-5)</b>                         |   |
| <b>Belgium - Occupational Exposure Limits</b>     |   |
| OEL TWA   | 32 mg/m³ (vapor and aerosol)  |
|   | 5 ppm (vapor and aerosol)   |
| OEL chemical category                             | Skin  |
| <b>Ireland - Occupational Exposure Limits</b>     |   |
| OEL TWA   | 5 ppm   |
| OEL STEL  | 15 ppm (calculated)   |
| <b>Poland - Occupational Exposure Limits</b>      |   |
| NDS (OEL TWA)                                     | 27 mg/m³  |
| NDSch (OEL STEL)                                  | 54 mg/m³  |
| <b>Portugal - Occupational Exposure Limits</b>    |   |
| OEL TWA   | 5 ppm (inhalable fraction; vapor)   |
| OEL chemical category                             | Sensitizer dermal, A4 - Not Classifiable as a Human Carcinogen, skin - potential for cutaneous exposure   |
| <b>Spain - Occupational Exposure Limits</b>       |   |
| VLA-ED (OEL TWA)                                  | 5 ppm (inhalable fraction and vapor)  |
| OEL chemical category                             | Sensitizer, skin - potential for cutaneous absorption   |
| <b>USA - ACGIH - Occupational Exposure Limits</b> |   |
| ACGIH® TLV® TWA                                   | 5 ppm (inhalable fraction and vapor)  |
| ACGIH chemical category                           | Not Classifiable as a Human Carcinogen, Skin - potential significant contribution to overall exposure by the cutaneous route, dermal sensitizer |
| <b>Dimethyl sulfide (75-18-3)</b>                 |   |
| <b>Belgium - Occupational Exposure Limits</b>     |   |
| OEL TWA   | 26 mg/m³  |
|   | 10 ppm  |
| <b>Estonia - Occupational Exposure Limits</b>     |   |
| OEL TWA   | 1 ppm (total concentration of Dimethyl disulphide, Dimethyl sulphide and Methyl mercaptan)  |
| <b>Ireland - Occupational Exposure Limits</b>     |   |
| OEL TWA   | 10 ppm  |
| OEL STEL  | 30 ppm (calculated)   |
| <b>Latvia - Occupational Exposure Limits</b>      |   |
| OEL TWA   | 50 mg/m³  |
| <b>Lithuania - Occupational Exposure Limits</b>   |   |
| IPRV (OEL TWA)                                    | 1 ppm   |

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### Dimethyl sulfide (75-18-3)

#### Portugal - Occupational Exposure Limits

|         |        |
|---------|--------|
| OEL TWA | 10 ppm |
|---------|--------|

#### Spain - Occupational Exposure Limits

|                  |        |
|------------------|--------|
| VLA-ED (OEL TWA) | 10 ppm |
|------------------|--------|

#### Sweden - Occupational Exposure Limits

|               |  |
|---------------|--|
| NGV (OEL TWA) | 1 ppm (total sum of Dimethyl disulfide, Dimethyl sulfide and Methyl thiol) |
|---------------|--|

#### USA - ACGIH - Occupational Exposure Limits

|                 |        |
|-----------------|--------|
| ACGIH® TLV® TWA | 10 ppm |
|-----------------|--------|

## 8.2. Exposure controls

### Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### Personal protection equipment

#### Personal protective equipment:

Avoid all unnecessary exposure.

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



### Eye and face protection

#### Eye protection:

Chemical goggles or safety glasses. Safety glasses

### Skin protection

#### Skin and body protection:

Wear suitable protective clothing

### Hand protection:

Wear protective gloves.

### Respiratory protection

#### Respiratory protection:

Wear appropriate mask

### Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

#### 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          | : Conforms to standard. |
| Odour           | : characteristic.       |
| Odour threshold | : Not available         |
| Melting point   | : Not applicable        |
| Freezing point  | : Not available         |
| Boiling point   | : Not available         |



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|   |  |
|---|--|
| Flammability                                    | : Not applicable                       |
| Lower explosion limit                           | : Not available                        |
| Upper explosion limit                           | : Not available                        |
| Flash point                                     | : 74 °C                                |
| Auto-ignition temperature                       | : Not available                        |
| Decomposition temperature                       | : Not available                        |
| pH  | : Not available                        |
| Viscosity, kinematic                            | : Not available                        |
| Solubility                                      | : Not available                        |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                        |
| Vapour pressure                                 | : 0.011808347 mm Hg (calculated value) |
| Vapour pressure at 50°C                         | : Not available                        |
| Density   | : Not available                        |
| Relative density                                | : Not available                        |
| Relative vapour density at 20°C                 | : Not available                        |
| Particle characteristics                        | : Not applicable                       |

### 9.2. Other information

#### Other safety characteristics

VOC content : 17.0504 % (calculated value)(CARB VOC) (%w/w)

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 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.

## 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 |

| Bis(2-ethylhexyl) adipate (103-23-1) |                              |
|--------------------------------------|------------------------------|
| LD50 oral rat                        | 5600 mg/kg (Source: NLM_CIP) |
| LD50 dermal rabbit                   | 8410 mg/kg (Source: NLM_CIP) |
| LC50 Inhalation - Rat                | > 5.7 mg/l/4h                |

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|   |                                  |
|---|----------------------------------|
| <b>Aldehyde C-16 (77-83-8)</b>            |                                  |
| LD50 oral rat                             | 5470 mg/kg (Source: NLM_CIP)     |
| LD50 dermal rat                           | > 2000 mg/kg (Source: ECHA_API)  |
| <b>Orange oil (8008-57-9)</b>             |                                  |
| LD50 oral rat                             | 4400 mg/kg (Source: NZ_CCID)     |
| LD50 dermal rabbit                        | > 5000 mg/kg (Source: CHEMVIEW)  |
| <b>Benzyl acetate (140-11-4)</b>          |                                  |
| LD50 oral rat                             | 2490 mg/kg (Source: JAPAN_GHS)   |
| LD50 oral                                 | 2490 mg/kg bodyweight            |
| LD50 dermal rabbit                        | > 5000 mg/kg (Source: JAPAN_GHS) |
| <b>Ethyl maltol (4940-11-8)</b>           |                                  |
| LD50 oral rat                             | 1150 mg/kg (Source: NLM_CIP)     |
| LD50 oral                                 | 1200 mg/kg bodyweight            |
| LD50 dermal rabbit                        | > 5000 mg/kg (Source: ECHA_API)  |
| <b>Aldehyde C-10 (112-31-2)</b>           |                                  |
| LD50 oral rat                             | 3730 mg/kg (Source: NLM_HSDB)    |
| LD50 oral                                 | 3730 mg/kg                       |
| LD50 dermal rabbit                        | 5040 mg/kg (Source: NLM_HSDB)    |
| <b>Orange Oil (8028-48-6)</b>             |                                  |
| LD50 dermal rabbit                        | > 5000 mg/kg (Source: ECHA_API)  |
| <b>Ethylene brassylate (105-95-3)</b>     |                                  |
| LD50 oral rat                             | > 5000 mg/kg (Source: ECHA)      |
| LD50 dermal rabbit                        | > 5000 mg/kg (Source: ECHA)      |
| <b>Cinnamic aldehyde (104-55-2)</b>       |                                  |
| LD50 oral rat                             | 2220 mg/kg (Source: NLM_CIP)     |
| LD50 oral                                 | 2220 mg/kg                       |
| LD50 dermal rabbit                        | 1260 mg/kg (Source: EPA_HPVS)    |
| LD50 dermal                               | 1260 mg/kg                       |
| <b>Allyl heptanoate (142-19-8)</b>        |                                  |
| LD50 oral rat                             | 500 mg/kg (Source: NLM_CIP)      |
| LD50 oral                                 | 218 mg/kg                        |
| LD50 dermal rabbit                        | 810 mg/kg (Source: ECHA_API)     |
| LD50 dermal                               | 810 mg/kg                        |
| <b>Grapefruit oil (8016-20-4)</b>         |                                  |
| LD50 oral rat                             | > 5 g/kg (Source: ECHA)          |
| <b>Triplal (Vertocitral) (68039-49-6)</b> |                                  |
| LD50 oral                                 | 2330 mg/kg                       |

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|   |  |
|---|--|
| <b>citral (5392-40-5)</b>                   |  |
| LD50 oral rat                               | 4960 mg/kg (Source: NLM_CIP)                   |
| LD50 dermal rabbit                          | 2250 mg/kg (Source: NLM_CIP)                   |
| <b>Allyl amyl glycolate (67634-00-8)</b>    |  |
| LD50 oral                                   | 500 mg/kg bodyweight                           |
| LD50 dermal rat                             | > 2000 mg/kg (Source: ECHA_API)                |
| LC50 Inhalation - Rat                       | 0.43 mg/l/4h                                   |
| LC50 Inhalation - Rat (Dust/Mist)           | 0.5 mg/l/4h                                    |
| <b>Linalyl acetate (115-95-7)</b>           |  |
| LD50 oral rat                               | 14550 mg/kg (Source: EPA_HPVS)                 |
| LD50 dermal rabbit                          | > 5000 mg/kg (Source: ECHA)                    |
| LC50 Inhalation - Rat                       | > 18.94 mg/l (Exposure time: 8 h Source: ECHA) |
| <b>Eugenol (97-53-0)</b>                    |  |
| LD50 oral rat                               | 1930 mg/kg (Source: NZ_CCID)                   |
| LD50 oral                                   | 2500 mg/kg bodyweight                          |
| LC50 Inhalation - Rat                       | > 2.58 mg/l/4h                                 |
| <b>COUMARIN (91-64-5)</b>                   |  |
| LD50 oral rat                               | > 5000 mg/kg (Source: JAPAN_GHS)               |
| LD50 dermal rat                             | 293 mg/kg (Source: ECHA_API)                   |
| <b>Dimethyl sulfide (75-18-3)</b>           |  |
| LD50 oral rat                               | > 2000 mg/kg (Source: ECHA)                    |
| LD50 dermal rabbit                          | > 5000 mg/kg (Source: JAPAN_GHS)               |
| LC50 Inhalation - Rat [ppm]                 | 40250 ppm/4h                                   |
| Skin corrosion/irritation                   | : Not classified                               |
| Serious eye damage/irritation               | : Not classified                               |
| Respiratory or skin sensitisation           | : May cause an allergic skin reaction.         |
| Germ cell mutagenicity                      | : Not classified                               |
| Carcinogenicity                             | : Not classified                               |
| <b>Bis(2-ethylhexyl) adipate (103-23-1)</b> |  |
| IARC group                                  | 3 - Not classifiable                           |
| <b>Benzyl acetate (140-11-4)</b>            |  |
| IARC group                                  | 3 - Not classifiable                           |
| <b>Eugenol (97-53-0)</b>                    |  |
| IARC group                                  | 3 - Not classifiable                           |
| <b>COUMARIN (91-64-5)</b>                   |  |
| IARC group                                  | 3 - Not classifiable                           |
| Reproductive toxicity                       | : Not classified                               |
| STOT-single exposure                        | : Not classified                               |
| STOT-repeated exposure                      | : Not classified                               |
| Aspiration hazard                           | : Not classified                               |

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### 11.2. Information on other hazards

#### 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 - general : Toxic to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

#### Bis(2-ethylhexyl) adipate (103-23-1)

|                      |  |
|----------------------|--|
| LC50 - Fish [1]      | 0.48 – 0.85 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA) |
| LC50 - Fish [2]      | 0.48 – 0.85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: EPA) |
| EC50 - Crustacea [1] | > 1.6 mg/l (Exposure time: 48 h - Species: Daphnia magna)                                  |
| EC50 72h - Algae [1] | > 500 mg/l (Species: Desmodesmus subspicatus)  |

#### Aldehyde C-16 (77-83-8)

|                 |  |
|-----------------|--|
| LC50 - Fish [1] | 4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: ECHA) |
|-----------------|--|

#### Ethyl maltol (4940-11-8)

|                 |   |
|-----------------|---|
| LC50 - Fish [1] | > 85 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: ECHA) |
|-----------------|---|

#### Aldehyde C-10 (112-31-2)

|                 |   |
|-----------------|---|
| LC50 - Fish [1] | 1.45 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: ECHA) |
|-----------------|---|

#### citral (5392-40-5)

|                      |   |
|----------------------|---|
| EC50 - Crustacea [1] | 7 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| EC50 72h - Algae [1] | 16 mg/l (Species: Desmodesmus subspicatus)            |
| EC50 96h - Algae [1] | 19 mg/l (Species: Desmodesmus subspicatus)            |

#### Linalyl acetate (115-95-7)

|                 |  |
|-----------------|--|
| LC50 - Fish [1] | 11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA) |
|-----------------|--|

#### Eugenol (97-53-0)

|                 |   |
|-----------------|---|
| LC50 - Fish [1] | 13 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA) |
|-----------------|---|

#### Dimethyl sulfide (75-18-3)

|                      |  |
|----------------------|--|
| LC50 - Fish [1]      | 213 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static] Source: ECHA) |
| EC50 - Crustacea [1] | 23 mg/l (Exposure time: 48 h - Species: Daphnia pulex)                                   |

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### 12.2. Persistence and degradability

#### MULBERRY MAGIC #EU57827F

|                               |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

#### Bis(2-ethylhexyl) adipate (103-23-1)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Aldehyde C-16 (77-83-8)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Orange oil (8008-57-9)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Benzyl acetate (140-11-4)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Ethyl maltol (4940-11-8)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Aldehyde C-10 (112-31-2)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Orange Oil (8028-48-6)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Ethylene brassylate (105-95-3)

|                               |   |
|-------------------------------|---|
| Persistence and degradability | May cause long-term adverse effects in the environment. |
|-------------------------------|---|

#### Cinnamic aldehyde (104-55-2)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Allyl heptanoate (142-19-8)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Grapefruit oil (8016-20-4)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Triplal (Vertocitral) (68039-49-6)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### citral (5392-40-5)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Allyl amyl glycolate (67634-00-8)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Linalyl acetate (115-95-7)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

#### Eugenol (97-53-0)

|                               |                    |
|-------------------------------|--------------------|
| Persistence and degradability | Rapidly degradable |
|-------------------------------|--------------------|

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|  |                             |
|--|-----------------------------|
| <b>COUMARIN (91-64-5)</b>  |                             |
| Persistence and degradability  | Rapidly degradable          |
| <b>Dimethyl sulfide (75-18-3)</b>  |                             |
| Persistence and degradability  | Rapidly degradable          |
| <b>12.3. Bioaccumulative potential</b>   |                             |
| <b>MULBERRY MAGIC #EU57827F</b>  |                             |
| Bioaccumulative potential  | Not established.            |
| <b>Bis(2-ethylhexyl) adipate (103-23-1)</b>  |                             |
| BCF - Fish [1]   | (27 dimensionless)          |
| Partition coefficient n-octanol/water (Log Pow)  | 8.94 (at 25 °C)             |
| <b>Aldehyde C-16 (77-83-8)</b>   |                             |
| Partition coefficient n-octanol/water (Log Pow)  | 2.4 (at 25 °C (cis isomer)  |
| <b>Orange oil (8008-57-9)</b>  |                             |
| Partition coefficient n-octanol/water (Log Pow)  | ≥ 2.78 – ≤ 4.88             |
| <b>1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2)</b> |                             |
| Partition coefficient n-octanol/water (Log Pow)  | 5.65 (at 30°C)              |
| <b>Benzyl acetate (140-11-4)</b>   |                             |
| Partition coefficient n-octanol/water (Log Pow)  | 1.96 (at 25 °C (at pH 7)    |
| <b>Ethyl maltol (4940-11-8)</b>  |                             |
| Partition coefficient n-octanol/water (Log Pow)  | 2.9 (at 25 °C)              |
| <b>Aldehyde C-10 (112-31-2)</b>  |                             |
| Partition coefficient n-octanol/water (Log Pow)  | 3.8 (at 35 °C)              |
| <b>Ethylene brassylate (105-95-3)</b>  |                             |
| Partition coefficient n-octanol/water (Log Pow)  | 4.3 (at 25 °C (at pH 6.4-7) |
| Bioaccumulative potential  | Not established.            |
| <b>Cinnamic aldehyde (104-55-2)</b>  |                             |
| Partition coefficient n-octanol/water (Log Pow)  | 2.1065 (at 25 °C)           |
| <b>Allyl heptanoate (142-19-8)</b>   |                             |
| Partition coefficient n-octanol/water (Log Pow)  | 3.97 (at 20 °C (at pH 5.3)  |
| <b>Triplal (Vertocitral) (68039-49-6)</b>  |                             |
| Partition coefficient n-octanol/water (Log Pow)  | 2.6                         |
| <b>citral (5392-40-5)</b>  |                             |
| Partition coefficient n-octanol/water (Log Pow)  | 2.76 (at 25 °C)             |
| <b>Allyl amyl glycolate (67634-00-8)</b>   |                             |
| Partition coefficient n-octanol/water (Log Pow)  | 1.96 (at 25 °C (at pH 2.3)  |

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### Linalyl acetate (115-95-7)

|   |                |
|---|----------------|
| Partition coefficient n-octanol/water (Log Pow) | 3.9 (at 25 °C) |
|---|----------------|

### Eugenol (97-53-0)

|   |                            |
|---|----------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 1.83 (at 30 °C (at pH 5.5) |
|---|----------------------------|

### COUMARIN (91-64-5)

|   |                                     |
|---|-------------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | ≥ 1.91 – ≤ 1.51 (at 25 °C (at pH 7) |
|---|-------------------------------------|

### 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

### MULBERRY MAGIC #EU57827F

|                   |                                   |
|-------------------|-----------------------------------|
| Other information | Avoid release to the environment. |
|-------------------|-----------------------------------|

### Ethylene brassylate (105-95-3)

|                   |                                   |
|-------------------|-----------------------------------|
| Other information | Avoid release to the environment. |
|-------------------|-----------------------------------|

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|  |  |
|--|--|
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions.                                  |
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations.  |
| Ecological waste information               | : Avoid release to the environment.  |
| HP Code                                    | : HP14 - "Ecotoxic:" waste which presents or may present immediate or delayed risks for one or more sectors of the environment |

## SECTION 14: Transport information




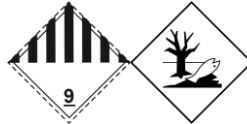
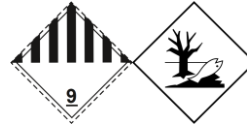
In accordance with ADR / IMDG / IATA / ADN / RID

| ADR  | IMDG   | IATA   | ADN  | RID  |
|--|--|--|--|--|
| <b>14.1. UN number or ID number</b>  |  |  |  |  |
| UN 3082  | UN 3082  | UN 3082  | UN 3082  | UN 3082  |
| <b>14.2. UN proper shipping name</b>   |  |  |  |  |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone) | Environmentally hazardous substance, liquid, n.o.s. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone) |

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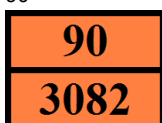
according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| ADR  | IMDG  | IATA  | ADN   | RID   |
|--|---|---|---|---|
| <b>Transport document description</b>  |   |   |   |   |
| UN 3082<br>ENVIRONMENTALLY<br>HAZARDOUS<br>SUBSTANCE, LIQUID,<br>N.O.S. (1-(1,2,3,4,5,6,7,8-<br>Octahydro-2,3,8,8-<br>tetramethyl-2-<br>naphthalenyl)ethanone), 9,<br>III, (-) | UN 3082<br>ENVIRONMENTALLY<br>HAZARDOUS<br>SUBSTANCE, LIQUID,<br>N.O.S. (1-(1,2,3,4,5,6,7,8-<br>Octahydro-2,3,8,8-<br>tetramethyl-2-<br>naphthalenyl)ethanone), 9,<br>III, MARINE POLLUTANT | UN 3082 Environmentally<br>hazardous substance,<br>liquid, n.o.s. (1-<br>(1,2,3,4,5,6,7,8-Octahydro-<br>2,3,8,8-tetramethyl-2-<br>naphthalenyl)ethanone), 9,<br>III | UN 3082<br>ENVIRONMENTALLY<br>HAZARDOUS<br>SUBSTANCE, LIQUID,<br>N.O.S. (1-(1,2,3,4,5,6,7,8-<br>Octahydro-2,3,8,8-<br>tetramethyl-2-<br>naphthalenyl)ethanone), 9,<br>III | UN 3082<br>ENVIRONMENTALLY<br>HAZARDOUS<br>SUBSTANCE, LIQUID,<br>N.O.S. (1-(1,2,3,4,5,6,7,8-<br>Octahydro-2,3,8,8-<br>tetramethyl-2-<br>naphthalenyl)ethanone), 9,<br>III |
| <b>14.3. Transport hazard class(es)</b>  |   |   |   |   |
| 9  | 9   | 9   | 9   | 9   |
|   |    |    |   |    |
| <b>14.4. Packing group</b>   |   |   |   |   |
| III  | III   | III   | III   | III   |
| <b>14.5. Environmental hazards</b>   |   |   |   |   |
| Dangerous for the<br>environment: Yes  | Dangerous for the<br>environment: Yes<br>Marine pollutant: Yes<br>EmS-No. (Fire): F-A<br>EmS-No. (Spillage): S-F  | Dangerous for the<br>environment: Yes   | Dangerous for the<br>environment: Yes   | Dangerous for the<br>environment: Yes   |
| No supplementary information available   |   |   |   |   |

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : M6  
Special provisions (ADR) : 274, 335, 375, 601, 650  
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  
Portable tank and bulk container instructions (ADR) : T4  
Portable tank and bulk container special provisions (ADR) : TP1, TP29  
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 and handling (ADR) : CV13  
Hazard identification number (Kemler No.) : 90  
Orange plates :



Tunnel restriction code (ADR) : -  
EAC code : •3Z

#### Transport by sea

Special provisions (IMDG) : 274, 335, 375, 969



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|                                   |              |
|-----------------------------------|--------------|
| Limited quantities (IMDG)         | : 5 L        |
| Excepted quantities (IMDG)        | : E1         |
| Packing instructions (IMDG)       | : LP01, P001 |
| Special packing provisions (IMDG) | : PP1        |
| IBC packing instructions (IMDG)   | : IBC03      |
| Tank instructions (IMDG)          | : T4         |
| Tank special provisions (IMDG)    | : TP1, TP29  |
| 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, 650 |
| 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, 650 |
| 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 (RID)               | : TP1, TP29               |
| Tank codes for RID tanks (RID)  | : LGBV                    |
| Transport category (RID)  | : 3                       |
| Special provisions for carriage – Packages (RID)                        | : W12                     |
| Special provisions for carriage - Loading, unloading and handling (RID) | : CW13, CW31              |
| Colis express (express parcels) (RID)                                   | : CE8                     |
| Hazard identification number (RID)                                      | : 90                      |

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

Not applicable

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### SECTION 15: Regulatory information

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

##### EU-Regulations

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

| EU restriction list (REACH Annex XVII) |  |   |
|--|--|---|
| Reference code                         | Applicable on  | Entry title or description  |
| 3(a)                                   | Orange oil ; Orange Oil ; Grapefruit oil ; Dimethyl sulfide  | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F          |
| 3(b)                                   | MULBERRY MAGIC #EU57827F ; Aldehyde C-16 ; Orange oil ; 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone ; Aldehyde C-10 ; Orange Oil ; Cinnamic aldehyde ; Allyl heptanoate ; Grapefruit oil ; Triplal (Vertocitral) ; Citral ; Allyl amyl glycolate ; Linalyl acetate ; Eugenol ; Dimethyl sulfide | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 |
| 3(c)                                   | MULBERRY MAGIC #EU57827F ; Aldehyde C-16 ; Orange oil ; 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone ; Benzyl acetate ; Aldehyde C-10 ; Orange Oil ; Ethylene brassylate ; Cinnamic aldehyde ; Allyl heptanoate ; Grapefruit oil ; Triplal (Vertocitral) ; Allyl amyl glycolate                  | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1   |

##### 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 (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

##### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

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### VOC Directive (2004/42)

VOC content : 17.0504 % (calculated value)(CARB VOC) (%w/w)

### Explosives Precursors Regulation (EU 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 (EC 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)

### National regulations

#### Austria

Toxic Substances Ordinance 2000 : Is not subject to the Toxic Substances Ordinance 2000.

#### Germany

VOC ordinance (ChemVOCFarbV) : VOC content : 17.0504 % (calculated value)(CARB VOC) (%w/w)

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).

List of sensitizing substances (TRGS 907) : Contains sensitizing substances according to TRGS 907.

Major Accidents Ordinance (12. BImSchV) : Is not subject to the Major Accidents Ordinance (12. BImSchV)

#### Netherlands

ABM category : A(2) - toxic for aquatic organisms, may have longterm hazardous effects in aquatic environment

SZW-lijst van kankerverwekkende stoffen : Orange oil ,Orange Oil,Triplal (Vertocitral),Allyl amyl glycolate are listed

SZW-lijst van mutagene stoffen : Orange oil ,Orange Oil,Triplal (Vertocitral),Allyl amyl glycolate are listed

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

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

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

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

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### Poland

#### Polish National Regulations

: Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended; consolidated text J. o L. 2019, item 1225).  
Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J. o L. 2020, item 797).  
The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).  
Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).  
Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2020, item 154).  
Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. item 1286 as amended).  
The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488).  
Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended).  
Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).  
ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Other information : None.

### Full text of H- and EUH-statements:

|                           |  |
|---------------------------|--|
| Acute Tox. 2 (Inhalation) | Acute toxicity (inhal.), Category 2  |
| Acute Tox. 3 (Dermal)     | Acute toxicity (dermal), Category 3  |
| Acute Tox. 3 (Inhalation) | Acute toxicity (inhal.), Category 3  |
| Acute Tox. 3 (Oral)       | Acute toxicity (oral), Category 3  |
| 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  |
| EUH208                    | Contains {0 message≤name of sensitising substance> fieldvalue=_SENSITIZER_COMPONENTS}. May produce an allergic reaction. |
| Eye Irrit. 2              | Serious eye damage/eye irritation, Category 2  |
| Flam. Liq. 2              | Flammable liquids, Category 2  |

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| Full text of H- and EUH-statements: |   |
|-------------------------------------|---|
| Flam. Liq. 3                        | Flammable liquids, Category 3                         |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                 |
| Skin Sens. 1                        | Skin sensitisation, Category 1                        |
| Skin Sens. 1A                       | Skin sensitisation, category 1A                       |
| Skin Sens. 1B                       | Skin sensitisation, category 1B                       |
| 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.         |
| H311                                | Toxic in contact with skin.                           |
| H312                                | Harmful in contact with skin.                         |
| H315                                | Causes skin irritation.                               |
| H317                                | May cause an allergic skin reaction.                  |
| H319                                | Causes serious eye irritation.                        |
| H330                                | Fatal if inhaled.                                     |
| H331                                | Toxic if inhaled.                                     |
| 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.    |

The classification complies with : ATP 12

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.