

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 3/17/2022 Version: 1.0

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

#### **1.1. Product identifier**

| Product form    | : Mixture                         |
|-----------------|-----------------------------------|
| Product name    | : Watermelon #TCDL-CFRA-BOWL-NWME |
| UFI             | : WTV1-X3AT-K00P-QA6J             |
| Product code    | : TCDL-CFRA-BOWL-NWME             |
| Type of product | : Perfumes, fragrances            |
| Product group   | : Trade product                   |

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

#### 1.2.1. Relevant identified uses

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

#### 1.2.2. Uses advised against

No additional information available

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

COSY OWL 20-28 Albert Road Braintree Essex CM7 3JQ enquiries@cosyowl.com - www.cosyowl.com

#### 1.4. Emergency telephone number

Emergency number

: +44 (0) 1376 560348

## **SECTION 2: Hazards identification**

| 2.1. Classification of the substance or mixture                   |      |
|-------------------------------------------------------------------|------|
| Classification according to Regulation (EC) No. 1272/2008 [CLP]   |      |
| Acute toxicity (oral), Category 4                                 | H302 |
| Skin corrosion/irritation, Category 2                             | H315 |
| 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

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

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#### 2.2. Label elements

| Labelling according to Regulation (EC) No. 127 | 2/2008 [CLP]                                                                                            |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Hazard pictograms (CLP)                        |                                                                                                         |
| Signal word (CLP)                              | GHS07 GHS09<br>: Warning                                                                                |
| Contains                                       | : Benzyl benzoate, Cyclamal, Helional, Hexyl salicylate, d-Limonene, Melonal, Aldehyde C-               |
| Contains                                       | 16, Anisyl acetate                                                                                      |
| Hazard statements (CLP)                        | : H302 - Harmful if swallowed.                                                                          |
|                                                | H315 - Causes skin irritation.                                                                          |
|                                                | H317 - May cause an allergic skin reaction.                                                             |
|                                                | H411 - Toxic to aquatic life with long lasting effects.                                                 |
| Precautionary statements (CLP)                 | : P270 - Do not eat, drink or smoke when using this product.                                            |
|                                                | P272 - Contaminated work clothing should not be allowed out of the workplace.                           |
|                                                | P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing<br>protection. |
|                                                | P301+P312 - IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.                            |
|                                                | P302+P352 - IF ON SKIN: Wash with plenty of water.                                                      |
|                                                | P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.                            |
| 2.3. Other hazards                             |                                                                                                         |

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

#### **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]                         |
|------------------|--------------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------|
| Benzyl benzoate  | CAS-No.: 120-51-4<br>EC-No.: 204-402-9<br>EC Index-No.: 607-085-00-9<br>REACH-no: 01-2119976371-<br>33 | 30 – 50      | Acute Tox. 4 (Oral), H302<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411                 |
| Cyclamal         | CAS-No.: 103-95-7<br>EC-No.: 203-161-7<br>REACH-no: 01-2119970582-<br>32                               | 3.425 – 6.85 | Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411                         |
| Helional         | CAS-No.: 1205-17-0<br>EC-No.: 214-881-6<br>REACH-no: 01-2120740119-<br>58                              | 3 – 6        | Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411                                                |
| Hexyl salicylate | CAS-No.: 6259-76-3<br>EC-No.: 228-408-6                                                                | 1.7375 – 3.7 | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |

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| Name                                        | Product identifier                                                                                                       | %            | Classification according to<br>Regulation (EC) No. 1272/2008<br>[CLP]                                                                    |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Hexamethylindanopyran                       | CAS-No.: 1222-05-5<br>EC-No.: 214-946-9<br>EC Index-No.: 603-212-00-7<br>REACH-no: 01-2119488227-<br>29                  | 1.775 – 3.55 | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410                                                                                         |
| Aldehyde C-14                               | CAS-No.: 104-67-6<br>EC-No.: 203-225-4<br>REACH-no: 01-2119959333-<br>34                                                 | 1.55 – 3.1   | Aquatic Chronic 3, H412                                                                                                                  |
| 2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol | CAS-No.: 63500-71-0<br>EC-No.: 405-040-6<br>EC Index-No.: 603-101-00-3<br>REACH-no: 01-000015458-64                      | 0.625 – 2.5  | Eye Irrit. 2, H319                                                                                                                       |
| d-Limonene                                  | CAS-No.: 5989-27-5<br>EC-No.: 227-813-5<br>EC Index-No.: 601-029-00-<br>7;601-096-00-2<br>REACH-no: 01-2119493353-<br>35 | 0.65 – 1.3   | 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 1, H410 |
| Benzyl acetate                              | CAS-No.: 140-11-4<br>EC-No.: 205-399-7<br>REACH-no: 01-2119638272-<br>42                                                 | 0.5 – 1      | Aquatic Chronic 3, H412                                                                                                                  |
| Undecavertol                                | CAS-No.: 81782-77-6<br>EC-No.: 279-815-0                                                                                 | 0.5 – 1      | Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411                                                                                         |
| Melonal                                     | CAS-No.: 106-72-9<br>EC-No.: 203-427-2                                                                                   | 0.45 – 0.9   | Skin Sens. 1B, H317                                                                                                                      |
| Aldehyde C-16                               | CAS-No.: 77-83-8<br>EC-No.: 201-061-8<br>REACH-no: 01-2119967770-<br>28                                                  | 0.25 – 0.5   | Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411                                                                                           |
| Anisyl acetate                              | CAS-No.: 104-21-2<br>EC-No.: 203-185-8                                                                                   | 0.2 - 0.4    | Skin Sens. 1, 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 after inhalation First-aid measures after skin contact First-aid measures after eye contact First-aid measures after ingestion Remove person to fresh air and keep comfortable for breathing.
Wash skin with plenty of water.
Rinse eyes with water as a precaution.
Call a poison center or a doctor if you feel unwell.

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

No additional information available

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

Treat symptomatically.

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| SECTION 5: Firefighting measures                           |                                                                                                                                          |  |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--|
| 5.1. Extinguishing media                                   |                                                                                                                                          |  |
| Suitable extinguishing media                               | : Water spray. Dry powder. Foam. Carbon dioxide.                                                                                         |  |
| 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                               |                                                                                                                                          |  |
| Protection during firefighting                             | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |  |

| SECTION 6: Accidental release measures                     |                                                                                                                                                             |  |  |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| 6.1. Personal precautions, protective equ                  | uipment and emergency procedures                                                                                                                            |  |  |
| 6.1.1. For non-emergency personnel<br>Emergency procedures | : Ventilate spillage area.                                                                                                                                  |  |  |
| 6.1.2. For emergency responders<br>Protective equipment    | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |  |  |
| 6.2. Environmental precautions                             |                                                                                                                                                             |  |  |
| Avoid release to the environment.                          |                                                                                                                                                             |  |  |
| 6.3. Methods and material for containme                    | nt and cleaning up                                                                                                                                          |  |  |
| Methods for cleaning up<br>Other information               | <ul><li>Take up liquid spill into absorbent material.</li><li>Dispose of materials or solid residues at an authorized site.</li></ul>                       |  |  |

6.4. Reference to other sections

For further information refer to section 13.

| SECTION 7: Handling and storage                           |                                                                                                                                                                                                                 |  |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 7.1. Precautions for safe handling                        |                                                                                                                                                                                                                 |  |
| Precautions for safe handling<br>Hygiene measures         | <ul> <li>Ensure good ventilation of the work station. Wear personal protective equipment.</li> <li>Do not eat, drink or smoke when using this product. Always wash hands after handling the product.</li> </ul> |  |
|                                                           |                                                                                                                                                                                                                 |  |
| 7.2. Conditions for safe storage, i                       | ncluding any incompatibilities                                                                                                                                                                                  |  |
| 7.2. Conditions for safe storage, i<br>Storage conditions | ncluding any incompatibilities<br>: Store in a well-ventilated place. Keep cool.                                                                                                                                |  |
| Storage conditions                                        |                                                                                                                                                                                                                 |  |
|                                                           | : Store in a well-ventilated place. Keep cool.                                                                                                                                                                  |  |
| Storage conditions<br>Storage temperature                 | : Store in a well-ventilated place. Keep cool.<br>: 25 °C                                                                                                                                                       |  |

#### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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

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| d-Limonene (5989-27-5)                          |                                                                                                           |  |  |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--|--|
| Finland - Occupational Exposure Limits          |                                                                                                           |  |  |
| HTP (OEL TWA) [1]                               | 140 mg/m <sup>3</sup>                                                                                     |  |  |
| HTP (OEL TWA) [2]                               | 25 ppm                                                                                                    |  |  |
| HTP (OEL STEL)                                  | 280 mg/m <sup>3</sup>                                                                                     |  |  |
| HTP (OEL STEL) [ppm]                            | 50 ppm                                                                                                    |  |  |
| Germany - Occupational Exposure Limits (TRGS 90 | 0)                                                                                                        |  |  |
| AGW (OEL TWA) [1]                               | 28 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed) |  |  |
| AGW (OEL TWA) [2]                               | 5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)    |  |  |
| Chemical category                               | Skin notation, Skin sensitization                                                                         |  |  |
| Slovenia - Occupational Exposure Limits         |                                                                                                           |  |  |
| OEL TWA                                         | 28 mg/m <sup>3</sup>                                                                                      |  |  |
| OEL TWA [ppm]                                   | 5 ppm                                                                                                     |  |  |
| OEL STEL                                        | 112 mg/m <sup>3</sup>                                                                                     |  |  |
| OEL STEL [ppm]                                  | 20 ppm                                                                                                    |  |  |
| OEL chemical category                           | Potential for cutaneous absorption                                                                        |  |  |
| Spain - Occupational Exposure Limits            | ·                                                                                                         |  |  |
| VLA-ED (OEL TWA) [1]                            | 168 mg/m <sup>3</sup>                                                                                     |  |  |
| VLA-ED (OEL TWA) [2]                            | 30 ppm                                                                                                    |  |  |
| OEL chemical category                           | Sensitizer, skin - potential for cutaneous absorption                                                     |  |  |
| Norway - Occupational Exposure Limits           |                                                                                                           |  |  |
| Grenseverdi (OEL TWA) [1]                       | 140 mg/m <sup>3</sup>                                                                                     |  |  |
| Grenseverdi (OEL TWA) [2]                       | 25 ppm                                                                                                    |  |  |
| Korttidsverdi (OEL STEL)                        | 175 mg/m³ (value calculated)                                                                              |  |  |
| Korttidsverdi (OEL STEL) [ppm]                  | 37.5 ppm (value calculated)                                                                               |  |  |
| OEL chemical category                           | Allergenic substance                                                                                      |  |  |
| Switzerland - Occupational Exposure Limits      |                                                                                                           |  |  |
| MAK (OEL TWA) [1]                               | 40 mg/m³                                                                                                  |  |  |
| MAK (OEL TWA) [2]                               | 7 ppm                                                                                                     |  |  |
| KZGW (OEL STEL)                                 | 80 mg/m³                                                                                                  |  |  |
| KZGW (OEL STEL) [ppm]                           | 14 ppm                                                                                                    |  |  |
| OEL chemical category                           | Sensitizer                                                                                                |  |  |
| Benzyl acetate (140-11-4)                       |                                                                                                           |  |  |
| Belgium - Occupational Exposure Limits          |                                                                                                           |  |  |
| OEL TWA                                         | 62 mg/m³                                                                                                  |  |  |
| OEL TWA [ppm]                                   | 10 ppm                                                                                                    |  |  |
| Denmark - Occupational Exposure Limits          |                                                                                                           |  |  |
| OEL TWA [1]                                     | 61 mg/m³                                                                                                  |  |  |
| L                                               | ı                                                                                                         |  |  |

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| Benzyl acetate (140-11-4)                  |                                             |  |
|--------------------------------------------|---------------------------------------------|--|
| OEL TWA [2]                                | 10 ppm                                      |  |
| Ireland - Occupational Exposure Limits     |                                             |  |
| OEL TWA [2]                                | 10 ppm                                      |  |
| OEL STEL [ppm]                             | 30 ppm (calculated)                         |  |
| Latvia - Occupational Exposure Limits      |                                             |  |
| OEL TWA                                    | 5 mg/m³                                     |  |
| Lithuania - Occupational Exposure Limits   |                                             |  |
| IPRV (OEL TWA)                             | 5 mg/m³                                     |  |
| Portugal - Occupational Exposure Limits    |                                             |  |
| OEL TWA [ppm]                              | 10 ppm                                      |  |
| OEL chemical category                      | A4 - Not Classifiable as a Human Carcinogen |  |
| Romania - Occupational Exposure Limits     |                                             |  |
| OEL TWA                                    | 50 mg/m³                                    |  |
| OEL TWA [ppm]                              | 8 ppm                                       |  |
| OEL STEL                                   | 80 mg/m³                                    |  |
| OEL STEL [ppm]                             | 13 ppm                                      |  |
| Spain - Occupational Exposure Limits       |                                             |  |
| VLA-ED (OEL TWA) [1]                       | 62 mg/m³                                    |  |
| VLA-ED (OEL TWA) [2]                       | 10 ppm                                      |  |
| USA - ACGIH - Occupational Exposure Limits |                                             |  |
| ACGIH OEL TWA [ppm]                        | 10 ppm                                      |  |
| ACGIH chemical category                    | Not Classifiable as a Human Carcinogen      |  |
|                                            |                                             |  |

#### 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:

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



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#### 8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection: Wear suitable protective clothing

#### Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

#### **Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment

**SECTION 9: Physical and chemical properties** 

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

| 9.1. Information on basic physical and ch                                                                                                                                                                                                                                                                                                    | nemical properties                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Physical state<br>Colour<br>Odour<br>Odour threshold<br>pH<br>Relative evaporation rate (butylacetate=1)<br>Melting point<br>Freezing point<br>Boiling point                                                                                                                                                                                 | <ul> <li>Liquid</li> <li>light yellow. amber.</li> <li>characteristic.</li> <li>No data available</li> <li>No data available</li> <li>No data available</li> <li>Not applicable</li> <li>No data available</li> <li>No data available</li> <li>No data available</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Flash point<br>Auto-ignition temperature<br>Decomposition temperature<br>Flammability (solid, gas)<br>Vapour pressure<br>Relative vapour density at 20 °C<br>Relative density<br>Solubility<br>Partition coefficient n-octanol/water (Log Pow)<br>Viscosity, kinematic<br>Viscosity, dynamic<br>Explosive properties<br>Oxidising properties | <ul> <li>&gt; 93 °C (closed cup) ASTM D7094</li> <li>No data available</li> <li>No data available</li> <li>No data available</li> <li>No data available</li> <li>≈ 1.04</li> <li>No data available</li> </ul> |

#### 9.2. Other information

No additional information available

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

#### 10.1. Reactivity

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

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| 10.2. Chemical stability                                                |
|-------------------------------------------------------------------------|
| Stable under normal conditions.                                         |
| 10.3. Possibility of hazardous reactions                                |
| No dangerous reactions known under normal conditions of use.            |
| 10.4. Conditions to avoid                                               |
| None under recommended storage and handling conditions (see section 7). |
| 10.5. Incompatible materials                                            |
| No additional information available                                     |

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 toxicological effects |                                                           |
| Acute toxicity (dermal) :                 | Harmful if swallowed.<br>Not classified<br>Not classified |
| Watermelon #EU34265F                      |                                                           |
| ATE CLP (oral)                            | 1000 mg/kg bodyweight                                     |
| Benzyl benzoate (120-51-4)                |                                                           |
| LD50 oral rat                             | 500 mg/kg                                                 |
| LD50 oral                                 | 1500 mg/kg bodyweight                                     |
| LD50 dermal rabbit                        | 4000 mg/kg                                                |
| LD50 dermal                               | 4000 mg/kg bodyweight                                     |
| Cyclamal (103-95-7)                       |                                                           |
| LD50 oral rat                             | 3810 mg/kg                                                |
| LD50 oral                                 | 3810 mg/kg bodyweight                                     |
| LD50 dermal rat                           | > 5000 mg/kg                                              |
| Helional (1205-17-0)                      |                                                           |
| LD50 dermal rabbit                        | > 2000 mg/kg                                              |
| Hexamethylindanopyran (1222-05-5)         |                                                           |
| LD50 oral rat                             | > 3250 mg/kg                                              |
| LD50 dermal rabbit                        | > 3250 mg/kg                                              |
| Hexyl salicylate (6259-76-3)              |                                                           |
| LD50 oral rat                             | > 5 g/kg                                                  |
| LD50 dermal rabbit                        | > 5000 mg/kg                                              |
| Aldehyde C-14 (104-67-6)                  |                                                           |
| LD50 oral rat                             | 18500 mg/kg                                               |
| LD50 dermal rat                           | > 2000 mg/kg                                              |

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| Serious eye damage/irritation       : Not classified         Respiratory or skin sensitisation       : May cause an allergic skin reaction.         Germ cell mutagenicity       : Not classified         Carcinogenicity       : Not classified         Carcinogenicity       : Not classified         d-Limonene (5989-27-5)       IARC group         IARC group       3 - Not classifiable         Benzyl acetate (140-11-4)       IARC group         IARC group       3 - Not classifiable         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2-lsobutyl-4-methyltetrahydro-2H-pyran-4-ol ( | 63500-71-0)           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------|
| LD50 oral rat         4400 mg/kg           LD50 dermal rabbit         > 5 g/kg           Benzyl acetate (140-11-4)         2490 mg/kg           LD50 oral rat         2490 mg/kg bodyweight           LD50 oral rat         2490 mg/kg bodyweight           LD50 oral ratbit         > 5 g/kg           Meional (106-72-9)         > 5 g/kg           Atdehyde C-16 (77-83-8)         > 5 g/kg           LD50 oral rat         > 5 g/kg           Atdehyde C-16 (77-83-8)         > 2000 mg/kg           LD50 oral rat         > 2000 mg/kg           LD50 dermal ratbit         > 2000 mg/kg           Skin corosion/intiation         E causes skin intiation.           Serious eye damage/initiation         : Not classified           Respiratory or skin sensitisation         : May cause an allergic skin reaction.           Germ cell mutagenicity         : Not classified           Carcinogenicity         : Not classified           Carcinogenicity         : Not classified           Berzyl acetate (140-11-4)         Indensified           Kin Cgroup         : Not classified           Reproductive toxicity         : Not classified           Stori caning exposure         : Not classified           Carcinogenicity         : Not classified | LD50 dermal rabbit                            | > 2000 mg/kg          |
| LD50 dermal rabbit       > 5 g/kg         Benzyl acetate (140-11-4)       2490 mg/kg         LD50 oral rat       2490 mg/kg bodyweight         LD50 dermal rabbit       > 5000 mg/kg         Melonal (106-72-9)       > 5 g/kg         Aldehyde C-16 (77-83-8)       > 5 g/kg         LD50 dermal rat       > 5 g/kg         Aldehyde C-16 (77-83-8)          LD50 dermal rat       > 2000 mg/kg         Aldehyde C-16 (77-83-8)          LD50 dermal rat       > 2000 mg/kg         Aldehyde C-16 (77-83-8)          LD50 dermal rat       > 2000 mg/kg         Skin corosion/irritation       S470 mg/kg         Skin corosion/irritation       Causes skin irritation.         Serious eye damage/irritation       Causes skin irritation.         Germ cell mutagenicity       Not classified         Respiratory or skin sensitisation       May cause an allergic skin reaction.         Germ cell mutagenicity       Not classified         Carcinogenicity       Not classified         Benzyl acetate (140-11-4)       Interastifiable         MRC group       3 - Not classifiable         Reproductive toxicity       Not classified         Stord sensified       Not classified                                                                            | d-Limonene (5989-27-5)                        |                       |
| Benzyl acetate (140-11-4)         2490 mg/kg           LD50 oral rat         2490 mg/kg bodyweight           LD50 oral rat         > 5000 mg/kg           Melonal (106-72-9)            LD50 oral rat         > 5 g/kg           Aldehyde C-16 (77-83-8)            LD50 oral rat         5470 mg/kg           LD50 oral rat         5470 mg/kg           LD50 oral rat         5470 mg/kg           LD50 dermal rat         5470 mg/kg           Skin corosion/irritation         > 2000 mg/kg           Skin corosion/irritation         > 2000 mg/kg           Skin corosion/irritation         > Not classified           Respiratory or skin sensitisation         May cause an allergic skin reaction.           Germ cell mutagenicity         > Not classified           carcinogenicity         > Not classified           d-Linnonene (5989-27-5)         IARC group           IARC group         3 - Not classifiable           Reproductive toxicity         Not classified           StoTo-snigle exposure         Not classified           StoTo-snigle exposure         Not classif                               | LD50 oral rat                                 | 4400 mg/kg            |
| LD50 oral rat         2490 mg/kg           LD50 oral rat         2490 mg/kg bodyweight           LD50 dermal rabbit         > 5000 mg/kg           Melonal (106-72-9)            LD50 oral rat         > 5 g/kg           Aldehyde C-16 (77-83-8)            LD50 oral rat         5 d/70 mg/kg           LD50 oral rat         5 2000 mg/kg           Aldehyde C-16 (77-83-8)            LD50 oral rat         5 470 mg/kg           LD50 dermal rat         5 2000 mg/kg           Arisyl acetate (104-21-2)            LD50 dermal rat         > 2000 mg/kg           Skin corrosion/irritation         Causes skin irritation.           Serious eye damage/irritation         May cause an allergic skin reaction.           Germ cell mutagenicity         Not classified           Carcinogenicity         Not classified           Germ cell mutagenicity         S Not classifiable           d-Linnonen (5989-27-5)         IARC group           IARC group         3 - Not classifiable           Benzyl acetate (140-11-4)         Not classifiable           Reproductive toxicity         Not classified           StOT-single exposure         Not classified           StOT-single exposure         Not c                                               | LD50 dermal rabbit                            | > 5 g/kg              |
| LD50 oral     2490 mg/kg bodyweight       LD50 dermal rabbit     > 5000 mg/kg       Melonal (106-72-9)        LD50 oral rat     > 5 g/kg       Aldehyde C-16 (77-83-8)        LD50 oral rat     5470 mg/kg       LD50 dermal rat     5470 mg/kg       LD50 dermal rat     5470 mg/kg       LD50 dermal rat     2000 mg/kg       Anisyl acetate (104-21-2)        LD50 dermal rat     > 2000 mg/kg       Skin corrosion/irritation     : Causes skin irritation.       Serious eye damage/irritation     : May cause an allergic skin reaction.       Germ cell mutagenicity     : Not classified       Carcinogenicity     : Not classified       d-Linnonen (5989-27-5)     IARC group       IARC group     3 - Not classifiable       Benzyl acetate (140-11-4)     IARC group       Reproductive toxicity     : Not classified       StoT-single exposure     : Not classified       StoT-single exposure     : Not classified                                                                                                                                                                                                                                                                                                                                       | Benzyl acetate (140-11-4)                     |                       |
| LD50 dermal rabbit       > 500 mg/kg         Melonal (106-72-9)          LD50 oral rat       > 5 g/kg         Aldehyde C-16 (77-83-8)          LD50 dermal rat       5 470 mg/kg         LD50 dermal rat       > 2000 mg/kg         Anisyl acetate (104-21-2)       > 2000 mg/kg         LD50 dermal rat       > 2000 mg/kg         Skin corrosion/Irritation       : Causes skin irritation.         Serious eye damage/irritation       : Not classified         Respiratory or skin sensitisation       : May cause an allergic skin reaction.         Germ cell mutagenicity       : Not classified         Carcinogenicity       : Not classified         Regroup       3 - Not classifiable         Reproductive toxicity       : Not classified         Stort-single exposure       : Not classified         Stort-single exposure       : Not classified                                                                                                                                                                                                                                         | LD50 oral rat                                 | 2490 mg/kg            |
| Melonal (106-72-9)           LD50 oral rat         > 5 g/kg           Aldehyde C-16 (77-83-8)            LD50 oral rat         5470 mg/kg           LD50 dermal rat         > 2000 mg/kg           Anisyl acetate (104-21-2)         > 2000 mg/kg           LD50 dermal rat         > 2000 mg/kg           Skin corrosion/irritation         Causes skin irritation.           Serious eye damage/irritation         : Not classified           Respiratory or skin sensitisation         : May cause an allergic skin reaction.           Germ cell mutagenicity         : Not classified           Carcinogenicity         : Not classified           d-Linonene (5989-27-5)         IARC group           IARC group         3 - Not classifiable           Reproductive toxicity         : Not classified           StoT-single exposure         : Not classified           StoT-single exposure         : Not classified                                                                                                                                                                                                                                                                                                                                            | LD50 oral                                     | 2490 mg/kg bodyweight |
| LD50 oral rat       > 5 g/kg         Aldehyde C-16 (77-83-8)          LD50 oral rat       5470 mg/kg         LD50 dermal rat       > 2000 mg/kg         Anisyl acetate (104-21-2)          LD50 dermal rat       > 2000 mg/kg         Skin corrosion/irritation       : Causes skin irritation.         Serious eye damage/irritation       : Not classified         Respiratory or skin sensitisation       : Not classified         Germ cell mutagenicity       : Not classified         carcinogenicity       : Not classified         d-Limonene (5989-27-5)       IARC group         IARC group       3 - Not classifiable         Reproductive toxicity       : Not classified         Reproductive toxicity       : Not classified         Stron crossified       : Not classified         Stron crossified       : Not classified         Benzyl acetate (140-11-4)       : Not classified         IARC group       3 - Not classified         Stron crossified       : Not classified         Stron crossified       : Not classified         Stron crossified       : Not classified         Benzyl acetate (140-11-4)       : Not classified         Stron crossified       : Not classified                                                                | LD50 dermal rabbit                            | > 5000 mg/kg          |
| Aldehyde C-16 (77-83-8)         LD50 oral rat       5470 mg/kg         LD50 dermal rat       > 2000 mg/kg         Anisyl acetate (104-21-2)       ED50 dermal rat         LD50 dermal rat       > 2000 mg/kg         Skin corrosion/irritation       : Causes skin irritation.         Serious eye damage/irritation       : Not classified         Respiratory or skin sensitisation       : May cause an allergic skin reaction.         Germ cell mutagenicity       : Not classified         d-Limonene (5989-27-5)       I classified         IARC group       3 - Not classifiable         Benzyl acetate (140-11-4)       I classified         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Melonal (106-72-9)                            |                       |
| LD50 oral rat       5470 mg/kg         LD50 dermal rat       > 2000 mg/kg         Anisyl acetate (104-21-2)       >         LD50 dermal rat       > 2000 mg/kg         Skin corrosion/irritation       : Causes skin irritation.         Serious eye damage/irritation       : Causes skin irritation.         Serious eye damage/irritation       : May cause an allergic skin reaction.         Germ cell mutagenicity       : Not classified         Carcinogenicity       : Not classified         Carcinogenicity       : Not classified         Carcinogenicity       : Not classified         Carcinogenicity       : Not classified         IARC group       3 - Not classifiable         Benzyl acetate (140-11-4)       IARC group         IARC group       3 - Not classifiable         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-single exposure       : Not classified                                                                                                                                                                                                                                                                                                                 | LD50 oral rat                                 | > 5 g/kg              |
| LD50 dermal rat       > 2000 mg/kg         Anisyl acetate (104-21-2)          LD50 dermal rat       > 2000 mg/kg         Skin corrosion/irritation       : Causes skin irritation.         Serious eye damage/irritation       : Not classified         Respiratory or skin sensitisation       : May cause an allergic skin reaction.         Germ cell mutagenicity       : Not classified         Carcinogenicity       : Not classified         d-Limonene (5989-27-5)       IARC group         IARC group       3 - Not classifiable         Benzyl acetate (140-11-4)       IARC group         IARC group       3 - Not classified         Reproductive toxicity       : Not classified         Stort -single exposure       : Not classified         Stort -single exposure       : Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Aldehyde C-16 (77-83-8)                       |                       |
| Anisyl acetate (104-21-2)       > 2000 mg/kg         LD50 dermal rat       > 2000 mg/kg         Skin corrosion/irritation       : Causes skin irritation.         Serious eye damage/irritation       : Not classified         Respiratory or skin sensitisation       : May cause an allergic skin reaction.         Germ cell mutagenicity       : Not classified         Carcinogenicity       : Not classified         d-Limonene (5989-27-5)       IARC group         IARC group       3 - Not classifiable         Benzyl acetate (140-11-4)       IARC group         IARC group       3 - Not classified         Stort - single exposure       : Not classified         Stort - single exposure       : Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | LD50 oral rat                                 | 5470 mg/kg            |
| LD50 dermal rat       > 2000 mg/kg         Skin corrosion/irritation       : Causes skin irritation.         Serious eye damage/irritation       : Not classified         Respiratory or skin sensitisation       : May cause an allergic skin reaction.         Germ cell mutagenicity       : Not classified         Carcinogenicity       : Not classified         d-Limonene (5989-27-5)       : Not classifiable         Benzyl acetate (140-11-4)       : 3 - Not classifiable         IARC group       : Not classifiable         Reproductive toxicity       : Not classified         StoT-single exposure       : Not classified         StoT-repeated exposure       : Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | LD50 dermal rat                               | > 2000 mg/kg          |
| Skin corrosion/irritation       : Causes skin irritation.         Serious eye damage/irritation       : Not classified         Respiratory or skin sensitisation       : May cause an allergic skin reaction.         Germ cell mutagenicity       : Not classified         Carcinogenicity       : Not classified         Carcinogenicity       : Not classified         d-Limonene (5989-27-5)       IARC group         IARC group       3 - Not classifiable         Benzyl acetate (140-11-4)       IARC group         IARC group       3 - Not classifiable         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Anisyl acetate (104-21-2)                     |                       |
| Serious eye damage/irritation       : Not classified         Respiratory or skin sensitisation       : May cause an allergic skin reaction.         Germ cell mutagenicity       : Not classified         Carcinogenicity       : Not classified         Carcinogenicity       : Not classified         d-Limonene (5989-27-5)       IARC group         IARC group       3 - Not classifiable         Benzyl acetate (140-11-4)       IARC group         IARC group       3 - Not classifiable         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | LD50 dermal rat                               | > 2000 mg/kg          |
| Respiratory or skin sensitisation       : May cause an allergic skin reaction.         Germ cell mutagenicity       : Not classified         Carcinogenicity       : Not classified         d-Limonene (5989-27-5)       IARC group         IARC group       3 - Not classifiable         Benzyl acetate (140-11-4)       IARC group         IARC group       3 - Not classifiable         Stor classified       Stor classified         IARC group       3 - Not classifiable         IARC group       3 - Not classifiable         Stor classified       Stor classified         Stor classified       Stor classified         Stor classified       Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                               |                       |
| Germ cell mutagenicity       : Not classified         Carcinogenicity       : Not classified         d-Limonene (5989-27-5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                               |                       |
| Carcinogenicity       : Not classified         d-Limonene (5989-27-5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                               |                       |
| d-Limonene (5989-27-5)         IARC group       3 - Not classifiable         Benzyl acetate (140-11-4)         IARC group       3 - Not classifiable         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5 ,                                           |                       |
| IARC group       3 - Not classifiable         Benzyl acetate (140-11-4)       IARC group         IARC group       3 - Not classifiable         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                               |                       |
| IARC group       3 - Not classifiable         Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                               | 3 - Not classifiable  |
| Reproductive toxicity       : Not classified         STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Benzyl acetate (140-11-4)                     | I                     |
| STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IARC group                                    | 3 - Not classifiable  |
| STOT-single exposure       : Not classified         STOT-repeated exposure       : Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Reproductive toxicity :                       | Not classified        |
| STOT-repeated exposure : Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                               |                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | STOT-repeated exposure                        | Not classified        |
| Aspiration nazaru : Not classilied                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                               | Not classified        |

## **SECTION 12: Ecological information**

# 12.1. Toxicity Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. 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. Benzyl benzoate (120-51-4) LC50 - Fish [1] 2.32 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static]) NOEC (chronic) 0.168 mg/l

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| Hexamethylindanopyran (1222-05-5)               |                                                                                        |
|-------------------------------------------------|----------------------------------------------------------------------------------------|
| LC50 - Fish [1]                                 | 0.452 mg/l Wolf, 1996d-27682                                                           |
| LC50 - Other aquatic organisms [1]              | > 0.14 mg/l REACH DOSSIER Pimephales promelas                                          |
| EC50 - Crustacea [2]                            | 260 μg/l REACH Dossier                                                                 |
| EC50 - Other aquatic organisms [1]              | 0.131 mg/l REACH Dossier                                                               |
| Aldehyde C-14 (104-67-6)                        |                                                                                        |
| LC50 - Fish [1]                                 | 569 mg/l 96 h                                                                          |
| EC50 - Crustacea [1]                            | 5.85 mg/l 48 h                                                                         |
| EC50 - Other aquatic organisms [1]              | 5.94 mg/l 72 h                                                                         |
| d-Limonene (5989-27-5)                          |                                                                                        |
| LC50 - Fish [1]                                 | 0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| LC50 - Fish [2]                                 | 35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)                           |
| Aldehyde C-16 (77-83-8)                         |                                                                                        |
| LC50 - Fish [1]                                 | 4.2 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [semi-static])            |
| 12.2. Persistence and degradability             |                                                                                        |
| Benzyl benzoate (120-51-4)                      |                                                                                        |
| Persistence and degradability                   | May cause long-term adverse effects in the environment.                                |
| 12.3. Bioaccumulative potential                 |                                                                                        |
| Benzyl benzoate (120-51-4)                      |                                                                                        |
| Partition coefficient n-octanol/water (Log Pow) | 4                                                                                      |
| Bioaccumulative potential                       | Not established.                                                                       |
| Benzyl acetate (140-11-4)                       |                                                                                        |
| Partition coefficient n-octanol/water (Log Pow) | 1.96                                                                                   |
| 12.4. Mobility in soil                          |                                                                                        |
| No additional information available             |                                                                                        |
| 12.5. Results of PBT and vPvB assessment        |                                                                                        |
| No additional information available             |                                                                                        |
| 12.6. Other adverse effects                     |                                                                                        |
| No additional information available             |                                                                                        |
| SECTION 13: Disposal considerations             |                                                                                        |
| 13.1. Waste treatment methods                   |                                                                                        |

Waste treatment methods

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

## **SECTION 14: Transport information**

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

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| 14.1 UN number                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UN-No. (ADR)<br>UN-No. (IMDG)<br>UN-No. (IATA)<br>UN-No. (ADN)<br>UN-No. (RID)                                                                                                                                                                                                                                                                                 | <ul> <li>: UN 3082</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)<br>Transport document description (ADR)<br>Transport document description (IMDG)<br>Transport document description (IATA)<br>Transport document description (ADN)<br>Transport document description (ADN) | <ul> <li>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.</li> <li>UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br/>(Hexamethylindanopyran), 9, III, (-)</li> <li>UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br/>(Hexamethylindanopyran), 9, III, MARINE POLLUTANT</li> <li>UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Hexamethylindanopyran), 9,<br/>III</li> <li>UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br/>(Hexamethylindanopyran), 9, III, MARINE POLLUTANT</li> <li>UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br/>(Hexamethylindanopyran), 9, III</li> <li>UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.</li> </ul> |
|                                                                                                                                                                                                                                                                                                                                                                | (Hexamethylindanopyran), 9, III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 14.3. Transport hazard class(es)                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

#### ADR

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



#### IMDG

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



## ΙΑΤΑ

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

## ADN

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

# : 9 : 9 : •



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| <b>RID</b><br>Transport hazard class(es) (RID)<br>Danger labels (RID)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14.4. Packing group                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                |
| Packing group (ADR)<br>Packing group (IMDG)<br>Packing group (IATA)<br>Packing group (ADN)<br>Packing group (RID)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | : III<br>: III<br>: III<br>: III                                                                                                                                               |
| 14.5. Environmental hazards                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                |
| Dangerous for the environment<br>Marine pollutant<br>Other information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | : Yes<br>: Yes<br>: No supplementary information available                                                                                                                     |
| 14.6. Special precautions for user                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                |
| Overland transport<br>Classification code (ADR)<br>Special provisions (ADR)<br>Limited quantities (ADR)<br>Excepted quantities (ADR)<br>Packing instructions (ADR)<br>Special packing provisions (ADR)<br>Mixed packing provisions (ADR)<br>Portable tank and bulk container instructions (ADR)<br>Portable tank and bulk container special provisions<br>(ADR)<br>Tank code (ADR)<br>Vehicle for tank carriage<br>Transport category (ADR)<br>Special provisions for carriage - Packages (ADR)<br>Special provisions for carriage - Loading, unloading<br>and handling (ADR)<br>Hazard identification number (Kemler No.)<br>Orange plates | $ \begin{array}{c} M6 \\ 274, 335, 375, 601 \\ 38 \\ 18 \\ 18 \\ 18 \\ 18 \\ 18 \\ 18 \\ 1$                                                                                    |
| Tunnel restriction code (ADR)<br>EAC code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | : -<br>: •3Z                                                                                                                                                                   |
| Transport by sea<br>Special provisions (IMDG)<br>Limited quantities (IMDG)<br>Excepted quantities (IMDG)<br>Packing instructions (IMDG)<br>Special packing provisions (IMDG)<br>IBC packing instructions (IMDG)<br>Tank instructions (IMDG)<br>Tank special provisions (IMDG)<br>EmS-No. (Fire)<br>EmS-No. (Spillage)<br>Stowage category (IMDG)                                                                                                                                                                                                                                                                                            | <ul> <li>274, 335, 969</li> <li>5 L</li> <li>E1</li> <li>LP01, P001</li> <li>PP1</li> <li>IBC03</li> <li>T4</li> <li>TP1, TP29</li> <li>F-A</li> <li>S-F</li> <li>A</li> </ul> |

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| Air transport<br>PCA Excepted quantities (IATA)<br>PCA Limited quantities (IATA)<br>PCA limited quantity max net quantity (IATA)<br>PCA packing instructions (IATA)<br>PCA max net quantity (IATA)<br>CAO packing instructions (IATA)<br>CAO max net quantity (IATA)<br>Special provisions (IATA)<br>ERG code (IATA)                                        | : E1<br>: Y964<br>: 30kgG<br>: 964<br>: 450L<br>: 964<br>: 450L<br>: A97, A158, A197, A215<br>: 9L                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inland waterway transport<br>Classification code (ADN)<br>Special provisions (ADN)<br>Limited quantities (ADN)<br>Excepted quantities (ADN)<br>Carriage permitted (ADN)<br>Equipment required (ADN)<br>Number of blue cones/lights (ADN)                                                                                                                    | : M6<br>: 274, 335, 375, 601<br>: 5 L<br>: E1<br>: T<br>: PP<br>: 0                                                                                                   |
| Rail transport<br>Classification code (RID)<br>Special provisions (RID)<br>Limited quantities (RID)<br>Excepted quantities (RID)<br>Packing instructions (RID)<br>Special packing provisions (RID)<br>Mixed packing provisions (RID)<br>Portable tank and bulk container instructions (RID)<br>Portable tank and bulk container special provisions<br>(RID) | <ul> <li>M6</li> <li>274, 335, 375, 601</li> <li>5L</li> <li>E1</li> <li>P001, IBC03, LP01, R001</li> <li>PP1</li> <li>MP19</li> <li>T4</li> <li>TP1, TP29</li> </ul> |
| Tank codes for RID tanks (RID)<br>Transport category (RID)<br>Special provisions for carriage – Packages (RID)<br>Special provisions for carriage - Loading, unloading<br>and handling (RID)<br>Colis express (express parcels) (RID)<br>Hazard identification number (RID)                                                                                 | : LGBV<br>: 3<br>: W12<br>: CW13, CW31<br>: CE8<br>: 90                                                                                                               |

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

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

| EU restriction list (REACH Annex XVII) |                                                                                                                                                                                 |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reference code                         | Applicable on                                                                                                                                                                   |
| 3(a)                                   | d-Limonene                                                                                                                                                                      |
| 3(b)                                   | Watermelon ; Benzyl benzoate ; Cyclamal ; Helional ; Hexyl salicylate ; 2-Isobutyl-4-methyltetrahydro-2H- pyran-4-ol ;<br>d-Limonene ; Melonal ; Aldehyde C-16 ; Anisyl acetate |
| 3(c)                                   | Watermelon ; Benzyl benzoate ; Cyclamal ; Helional ; Hexamethylindanopyran ; Hexyl salicylate ; Aldehyde<br>C-14 ; d-Limonene ; Benzyl acetate ; Undecavertol ; Aldehyde C-16   |
| 40.                                    | d-Limonene                                                                                                                                                                      |

Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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.

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

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

#### 15.1.2. National regulations

| Germany                                                 |                                                                                                                                                                                        |
|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Employment restrictions                                 | : Observe restrictions according Act on the Protection of Working Mothers (MuSchG)<br>Observe restrictions according Act on the Protection of Young People in Employment<br>(JArbSchG) |
| Water hazard class (WGK)                                | : WGK 2, Significantly hazardous to water (Classification according to AwSV, Annex 1)                                                                                                  |
| Hazardous Incident Ordinance (12. BImSchV)              | : Is not subject of 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 –<br>Vruchtbaarheid | : None of the components are listed                                                                                                                                                    |
| SZW-lijst van reprotoxische stoffen – Ontwikkeling      | : None of the components are listed                                                                                                                                                    |
| Denmark                                                 |                                                                                                                                                                                        |
| Classification remarks                                  | : 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                                                                                                            |
| Switzerland                                             |                                                                                                                                                                                        |
| Storage class (LK)                                      | : LK 10/12 - Liquids                                                                                                                                                                   |
| 15.2. Chemical safety assessment                        |                                                                                                                                                                                        |

No chemical safety assessment has been carried out

# **SECTION 16: Other information**

| Full text of H- and EUH-statements: |                                                                   |
|-------------------------------------|-------------------------------------------------------------------|
| Acute Tox. 4 (Oral)                 | Acute toxicity (oral), Category 4                                 |
| Aquatic Acute 1                     | Hazardous to the aquatic environment — Acute Hazard, Category 1   |
| Aquatic Chronic 1                   | Hazardous to the aquatic environment — Chronic Hazard, Category 1 |
| Aquatic Chronic 2                   | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Aquatic Chronic 3                   | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Asp. Tox. 1                         | Aspiration hazard, Category 1                                     |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                     |
| Flam. Liq. 3                        | Flammable liquids, Category 3                                     |
| H226                                | Flammable liquid and vapour.                                      |
| H302                                | Harmful if swallowed.                                             |
| H304                                | May be fatal if swallowed and enters airways.                     |
| H315                                | Causes skin irritation.                                           |
| H317                                | May cause an allergic skin reaction.                              |
| H319                                | Causes serious eye irritation.                                    |
| H400                                | Very toxic to aquatic life.                                       |

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

| Full text of H- and EUH-statements: |                                                       |
|-------------------------------------|-------------------------------------------------------|
| H410                                | Very toxic to aquatic life with long lasting effects. |
| H411                                | Toxic to aquatic life with long lasting effects.      |
| H412                                | Harmful to aquatic life with long lasting effects.    |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                 |
| Skin Sens. 1                        | Skin sensitisation, Category 1                        |
| Skin Sens. 1B                       | Skin sensitisation, category 1B                       |

Safety Data Sheet (SDS), EU

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