

# TYPE 32 - LANUHO CC-16177 at 10% in DPG

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its  
amendment Regulation (EU) 2015/830  
Issue date: 2/16/2022



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

#### 1.1. Product identifier

Product form : Mixture  
Product name : TYPE 32 - LANUHO CC-16177 at 10% in DPG  
Product code : CC-16177-10%  
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

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

Candle Craft  
Weiherwiese 10  
65510 Idstein - Germany  
T 49-6126-9363 -0  
info@candlecraft.de - www.candlecraft.de

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

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

No additional information available

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

GHS09

Signal word (CLP) :

Warning

Contains :

Iso E Super, Vertofix, Cedramber, Cashmeran, Lemon oil , Amberwood F, Ethyl linalool,  
Linalool

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|                                |   |
|--------------------------------|---|
| Hazard statements (CLP)        | : H317 - May cause an allergic skin reaction.<br>H411 - Toxic to aquatic life with long lasting effects.  |
| Precautionary statements (CLP) | : P272 - Contaminated work clothing should not be allowed out of the workplace.<br>P273 - Avoid release to the environment.<br>P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.<br>P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. |

### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  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 Regulation (EC) No. 1272/2008 [CLP]  |
|--------------------------------|---|-------------------|--|
| Iso E Super                    | CAS-No.: 54464-57-2<br>EC-No.: 259-174-3<br>REACH-no: 01-2119489989-04                              | 0.955 – 1.91      | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 1, H410   |
| Hexamethylindanopyran          | CAS-No.: 1222-05-5<br>EC-No.: 214-946-9<br>EC Index-No.: 603-212-00-7<br>REACH-no: 01-2119488227-29 | 0.18 – 0.36       | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410   |
| acetyl cedrene                 | CAS-No.: 32388-55-9<br>EC-No.: 251-020-3<br>REACH-no: 01-2119969651-28                              | 0.1425 –<br>0.285 | Skin Sens. 1B, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410  |
| Cedramber                      | CAS-No.: 19870-74-7<br>EC-No.: 243-384-7  | 0.0825 –<br>0.165 | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410<br>Skin Sens. 1B, H317  |
| Cashmeran                      | CAS-No.: 33704-61-9<br>EC-No.: 251-649-3<br>REACH-no: 01-2119977131-40                              | 0.075 – 0.15      | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317<br>STOT RE 2, H373<br>Aquatic Chronic 2, H411 |
| Lemon oil                      | CAS-No.: 8008-56-8<br>EC-No.: 284-515-8;616-925-3   | 0.075 – 0.15      | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 1, H410                     |
| Amberwood F                    | CAS-No.: 58567-11-6<br>EC-No.: 261-332-1  | 0.0725 –<br>0.145 | Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Aquatic Chronic 2, H411  |
| 3,7-Dimethyl-1,6-nonadien-3-ol | CAS-No.: 10339-55-6<br>EC-No.: 233-732-6<br>REACH-no: 01-2119969272-32                              | 0.0625 –<br>0.125 | Eye Irrit. 2, H319<br>Skin Sens. 1B, H317  |

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| Name                         | Product identifier  | %            | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|------------------------------|---|--------------|--|
| Linalool                     | CAS-No.: 78-70-6<br>EC-No.: 201-134-4<br>EC Index-No.: 603-235-00-2<br>REACH-no: 01-2119474016-42 | 0.055 – 0.11 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317 |
| OXACYCLOHEPTADEC-10-EN-2-ONE | CAS-No.: 28645-51-4<br>EC-No.: 249-120-7  | 0.015 – 0.03 | Aquatic Chronic 1, H410 (M=10)<br>Aquatic Acute 1, H400 (M=10)   |

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures general            | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).   |
| First-aid measures after inhalation   | : Allow affected person to breathe fresh air. Allow the victim to rest.   |
| First-aid measures after skin contact | : Wash with plenty of water/.... If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). Wash contaminated clothing before reuse. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. |
| First-aid measures after eye contact  | : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.   |
| First-aid measures after ingestion    | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.  |

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

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

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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

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

No additional information available

### 5.3. Advice for firefighters

|                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection.   |

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

|                      |                                   |
|----------------------|-----------------------------------|
| Emergency procedures | : Evacuate unnecessary personnel. |
|----------------------|-----------------------------------|

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### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.  
Emergency procedures : Ventilate area.

### 6.2. Environmental precautions

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

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

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.  
Collect spillage. Store away from other materials.

### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.  
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

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

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.  
Incompatible products : Strong bases. Strong acids.  
Incompatible materials : Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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

No additional information available

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No additional information available

#### 8.2.2. Personal protection equipment

**Personal protective equipment:**  
Avoid all unnecessary exposure.

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### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Chemical goggles or safety glasses

#### 8.2.2.2. Skin protection

##### Hand protection:

Wear protective gloves.

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

Wear appropriate mask

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

##### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

|   |                                   |
|---|-----------------------------------|
| Physical state                                  | : Liquid                          |
| Colour  | : Standard.                       |
| Odour   | : characteristic.                 |
| Odour threshold                                 | : No data available               |
| pH  | : No data available               |
| Relative evaporation rate (butylacetate=1)      | : No data available               |
| Melting point                                   | : No data available               |
| Freezing point                                  | : No data available               |
| Boiling point                                   | : No data available               |
| Flash point                                     | : > 93 °C (closed cup) ASTM D7094 |
| Auto-ignition temperature                       | : No data available               |
| Decomposition temperature                       | : No data available               |
| Flammability (solid, gas)                       | : Non flammable.                  |
| Vapour pressure                                 | : No data available               |
| Relative vapour density at 20 °C                | : No data available               |
| Relative density                                | : No data available               |
| Solubility                                      | : No data available               |
| Partition coefficient n-octanol/water (Log Pow) | : No data available               |
| Viscosity, kinematic                            | : No data available               |
| Viscosity, dynamic                              | : No data available               |
| Explosive properties                            | : No data available               |
| Oxidising properties                            | : No data available               |
| Explosive limits                                | : No data available               |

### 9.2. Other information

No additional information available

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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No additional information available

#### 10.2. Chemical stability

Not established.

#### 10.3. Possibility of hazardous reactions

Not established.

#### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

#### 10.5. Incompatible materials

Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

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

#### acetyl cedrene (32388-55-9)

|                    |                       |
|--------------------|-----------------------|
| LD50 oral          | 4500 mg/kg bodyweight |
| LD50 dermal rabbit | > 5000 mg/kg          |

#### Hexamethylindanopyran (1222-05-5)

|                    |              |
|--------------------|--------------|
| LD50 oral rat      | > 3250 mg/kg |
| LD50 dermal rabbit | > 3250 mg/kg |

#### 3,7-Dimethyl-1,6-nonadien-3-ol (10339-55-6)

|                    |                       |
|--------------------|-----------------------|
| LD50 oral          | 5000 mg/kg bodyweight |
| LD50 dermal rabbit | > 5000 mg/kg          |

#### Lemon oil (8008-56-8)

|               |            |
|---------------|------------|
| LD50 oral rat | 2840 mg/kg |
|---------------|------------|

#### Cashmeran (33704-61-9)

|           |                       |
|-----------|-----------------------|
| LD50 oral | 2900 mg/kg bodyweight |
|-----------|-----------------------|

#### Amberwood F (58567-11-6)

|                    |              |
|--------------------|--------------|
| LD50 oral rat      | > 5 g/kg     |
| LD50 dermal rabbit | > 5000 mg/kg |

#### Linalool (78-70-6)

|           |                       |
|-----------|-----------------------|
| LD50 oral | 2790 mg/kg bodyweight |
|-----------|-----------------------|

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### OXACYCLOHEPTADEC-10-EN-2-ONE (28645-51-4)

|                                   |  |
|-----------------------------------|--|
| LD50 dermal rat                   | > 2000 mg/kg   |
| Skin corrosion/irritation         | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |
| Serious eye damage/irritation     | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction.                             |
| Additional information            | : Based on available data, the classification criteria are not met |
| Germ cell mutagenicity            | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |
| Carcinogenicity                   | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |
| Reproductive toxicity             | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |
| STOT-single exposure              | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |
| STOT-repeated exposure            | : Not classified   |
| Additional information            | : Based on available data, the classification criteria are not met |

### Cashmeran (33704-61-9)

|   |  |
|---|--|
| STOT-repeated exposure                              | May cause damage to organs through prolonged or repeated exposure. |
| Aspiration hazard                                   | : Not classified   |
| Additional information                              | : Based on available data, the classification criteria are not met |
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met |

## SECTION 12: Ecological information

### 12.1. Toxicity

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

### 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                      |

### 3,7-Dimethyl-1,6-nonadien-3-ol (10339-55-6)

|                 |  |
|-----------------|--|
| LC50 - Fish [1] | 24 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static]) |
|-----------------|--|

### Cashmeran (33704-61-9)

|                 |  |
|-----------------|--|
| LC50 - Fish [1] | 10.3 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static]) |
|-----------------|--|

### Linalool (78-70-6)

|                      |  |
|----------------------|--|
| EC50 96h - Algae [1] | 88.3 mg/l (Species: Desmodesmus subspicatus) |
|----------------------|--|

### 12.2. Persistence and degradability

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|                               |  |
|-------------------------------|--|
| Persistence and degradability | May cause long-term adverse effects in the environment. Not established. |
|-------------------------------|--|

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### Amberwood F (58567-11-6)

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

### 12.3. Bioaccumulative potential

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|                           |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

### Amberwood F (58567-11-6)

|                           |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Additional information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

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

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

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

### 14.1 UN number

|               |           |
|---------------|-----------|
| UN-No. (ADR)  | : UN 3082 |
| UN-No. (IMDG) | : UN 3082 |
| UN-No. (IATA) | : UN 3082 |
| UN-No. (ADN)  | : UN 3082 |
| UN-No. (RID)  | : UN 3082 |

### 14.2. UN proper shipping name

|                                       |   |
|---------------------------------------|---|
| Proper Shipping Name (ADR)            | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.   |
| Proper Shipping Name (IMDG)           | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.   |
| Proper Shipping Name (IATA)           | : Environmentally hazardous substance, liquid, n.o.s.   |
| Proper Shipping Name (ADN)            | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.   |
| Proper Shipping Name (RID)            | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.   |
| Transport document description (ADR)  | : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Iso E Super), 9, III, (-)              |
| Transport document description (IMDG) | : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Iso E Super), 9, III, MARINE POLLUTANT |
| Transport document description (IATA) | : UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Iso E Super), 9, III                   |
| Transport document description (ADN)  | : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Iso E Super), 9, III                   |
| Transport document description (RID)  | : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Iso E Super), 9, III                   |



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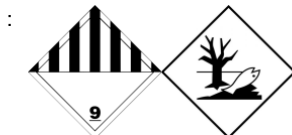
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### 14.3. Transport hazard class(es)

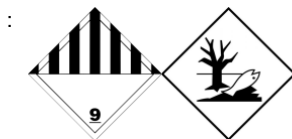
#### ADR

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



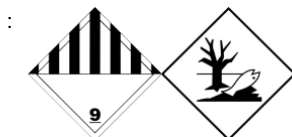
#### IMDG

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



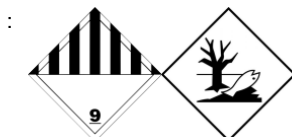
#### IATA

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



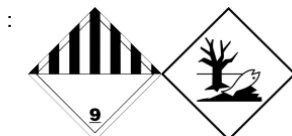
#### ADN

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



#### RID

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



### 14.4. Packing group

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

### 14.5. Environmental hazards

Dangerous for the environment : Yes  
Marine pollutant : Yes  
Other information : No supplementary information available

### 14.6. Special precautions for user


#### Overland transport

Classification code (ADR) : M6

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|   |   |
|---|---|
| Special provisions (ADR)  | : 274, 335, 375, 601  |
| Limited quantities (ADR)  | : 5I  |
| Excepted quantities (ADR)   | : E1  |
| Packing instructions (ADR)  | : P001, IBC03, LP01, R001   |
| Special packing provisions (ADR)  | : PP1   |
| Mixed packing provisions (ADR)  | : MP19  |
| Portable tank and bulk container instructions (ADR)                     | : T4  |
| Portable tank and bulk container special provisions (ADR)               | : TP1, TP29   |
| Tank code (ADR)   | : LGBV  |
| Vehicle for tank carriage   | : AT  |
| Transport category (ADR)  | : 3   |
| Special provisions for carriage - Packages (ADR)                        | : V12   |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV13  |
| Hazard identification number (Kemler No.)                               | : 90  |
| Orange plates   | :  |
| Tunnel restriction code (ADR)   | : -   |
| EAC code  | : •3Z   |

### Transport by sea

|                                   |                 |
|-----------------------------------|-----------------|
| Special provisions (IMDG)         | : 274, 335, 969 |
| Limited quantities (IMDG)         | : 5 L           |
| Excepted quantities (IMDG)        | : E1            |
| Packing instructions (IMDG)       | : LP01, P001    |
| Special packing provisions (IMDG) | : PP1           |
| IBC packing instructions (IMDG)   | : IBC03         |
| Tank instructions (IMDG)          | : T4            |
| Tank special provisions (IMDG)    | : TP1, TP29     |
| EmS-No. (Fire)                    | : F-A           |
| EmS-No. (Spillage)                | : S-F           |
| Stowage category (IMDG)           | : A             |

### Air transport

|  |                         |
|--|-------------------------|
| PCA Excepted quantities (IATA)               | : E1                    |
| PCA Limited quantities (IATA)                | : Y964                  |
| PCA limited quantity max net quantity (IATA) | : 30kgG                 |
| PCA packing instructions (IATA)              | : 964                   |
| PCA max net quantity (IATA)                  | : 450L                  |
| CAO packing instructions (IATA)              | : 964                   |
| CAO max net quantity (IATA)                  | : 450L                  |
| Special provisions (IATA)                    | : A97, A158, A197, A215 |
| ERG code (IATA)                              | : 9L                    |

### Inland waterway transport

|                                   |                      |
|-----------------------------------|----------------------|
| Classification code (ADN)         | : M6                 |
| Special provisions (ADN)          | : 274, 335, 375, 601 |
| Limited quantities (ADN)          | : 5 L                |
| Excepted quantities (ADN)         | : E1                 |
| Carriage permitted (ADN)          | : T                  |
| Equipment required (ADN)          | : PP                 |
| Number of blue cones/lights (ADN) | : 0                  |

### Rail transport

|                            |                           |
|----------------------------|---------------------------|
| Classification code (RID)  | : M6                      |
| Special provisions (RID)   | : 274, 335, 375, 601      |
| Limited quantities (RID)   | : 5L                      |
| Excepted quantities (RID)  | : E1                      |
| Packing instructions (RID) | : P001, IBC03, LP01, R001 |

# TYPE 32 - LANUHO CC-16177 at 10% in DPG

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

|   |              |
|---|--------------|
| Special packing provisions (RID)  | : PP1        |
| Mixed packing provisions (RID)  | : MP19       |
| Portable tank and bulk container instructions (RID)                     | : T4         |
| Portable tank and bulk container special provisions (RID)               | : TP1, TP29  |
| Tank codes for RID tanks (RID)  | : LGBV       |
| Transport category (RID)  | : 3          |
| Special provisions for carriage – Packages (RID)                        | : W12        |
| Special provisions for carriage - Loading, unloading and handling (RID) | : CW13, CW31 |
| Colis express (express parcels) (RID)                                   | : CE8        |
| Hazard identification number (RID)                                      | : 90         |

### 14.7. 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)           | Lemon oil   |
| 3(b)           | TYPE 32 - LANUHO CC-16177 at 10% in DPG ; Iso E Super ; acetyl cedrene ; Cedramber ; Cashmeran ; Lemon oil ; Amberwood F ; 3,7-Dimethyl-1,6-nonadien-3-ol ; Linalool            |
| 3(c)           | TYPE 32 - LANUHO CC-16177 at 10% in DPG ; Iso E Super ; Hexamethylindanopyran ; acetyl cedrene ; Cedramber ; Cashmeran ; Lemon oil ; Amberwood F ; OXACYCLOHEPTADEC-10-EN-2-ONE |
| 40.            | Lemon oil   |

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

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

Water hazard class (WGK) : WGK 1, Slightly 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 : Lemon oil is listed

SZW-lijst van mutagene stoffen : Lemon oil is listed

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

SZW-lijst van reprotoxische stoffen –

Vruchtbaarheid

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

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### 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  
Pregnant/breastfeeding women working with the product must not be in direct contact with 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

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

| Full text of H- and EUH-statements: |  |
|-------------------------------------|--|
| 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  |
| Eye Irrit. 2                        | Serious eye damage/eye irritation, Category 2                      |
| Flam. Liq. 3                        | Flammable liquids, Category 3                                      |
| H226                                | Flammable liquid and vapour.                                       |
| H315                                | Causes skin irritation.  |
| H317                                | May cause an allergic skin reaction.                               |
| H319                                | Causes serious eye irritation.                                     |
| H373                                | May cause damage to organs through prolonged or repeated exposure. |
| H400                                | Very toxic to aquatic life.  |
| H410                                | Very toxic to aquatic life with long lasting effects.              |
| H411                                | Toxic to aquatic life with long lasting effects.                   |
| Skin Irrit. 2                       | Skin corrosion/irritation, Category 2                              |
| Skin Sens. 1                        | Skin sensitisation, Category 1                                     |
| Skin Sens. 1B                       | Skin sensitisation, category 1B                                    |
| STOT RE 2                           | Specific target organ toxicity — Repeated exposure, Category 2     |

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.