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

1.1. Product identifier

Product form : Mixture

Product name : TYPE 5 - LBD CC-13077 10% in DPG

Product code : CC-13077_10%
Type of product : Perfumes, fragrances

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 : Perfumes, fragrances

Use of the substance/mixture : Perfumes, frag 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]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

EUH-statements : EUH208 - Contains Citronellol Pure, Linalyl acetate, Helional, Hydroxy, Iso E Super, Citrus

medica limonum (Lemon) peel oil, Ethyl linalool. May produce an allergic reaction.

EUH210 - Safety data sheet available on request.

Extra phrases : For professional users only.

2.3. Other hazards

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

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

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|-------------------------|---|
| Ethyl linalool | CAS-No.: 10339-55-6 EC-No.: 233-732-6 REACH-no: 01-2119969272- 32 | 0,175 – 0,35 | Eye Irrit. 2, H319 Skin Sens. 1B, H317 |
| Citrus medica limonum (Lemon) peel oil | CAS-No.: 8008-56-8 EC-No.: 284-515-8 | 0,1425 – 0,285 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Repr. 2, H361 Aquatic Chronic 2, H411 |
| Hydroxy | CAS-No.: 107-75-5 EC-No.: 203-518-7 REACH-no: 01-2119973482- 31 | 0,1007045 – 0,201409 | Eye Irrit. 2, H319 Skin Sens. 1B, H317 |
| Iso E Super | CAS-No.: 54464-57-2 EC-No.: 259-174-3 REACH-no: 01-2119489989- 04 | 0,09 – 0,18 | Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 1, H410 |
| Linalyl acetate | CAS-No.: 115-95-7 EC-No.: 204-116-4 REACH-no: 01-2119454789- 19 | 0,06 - 0,12 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 |
| Helional | CAS-No.: 1205-17-0 EC-No.: 214-881-6 REACH-no: 01-2120740119- 58 | 0,06 - 0,12 | Skin Sens. 1B, H317 Repr. 2, H361 Aquatic Chronic 2, H411 |
| Citronellol Pure | CAS-No.: 106-22-9 EC-No.: 203-375-0 REACH-no: 01-2119453995- 23 | 0,05 – 0,1 | Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 |

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

SECTION 4: First aid measures

4.1. Description of first aid measures

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

advice (show the label where possible).

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

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

followed by warm water rinse.

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.

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

No additional information available

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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.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

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

Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

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

formation of vapour.

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

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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.

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
Odour threshold : Not available
Melting point : Not available
Freezing point : Not available

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Boiling point : Not available Flammability : Non flammable. Lower explosion limit : Not available : Not available Upper explosion limit Flash point > 93 °C Auto-ignition temperature Not available Decomposition temperature Not available рΗ : Not available Viscosity, kinematic : Not available Solubility : Not available Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not available : Not available Vapour pressure at 50°C Density Not available Relative density Not available Relative vapour density at 20°C : Not available Particle characteristics : Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

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 hazard classes as defined in Regulation (EC) No 1272/2008

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

| LD50 oral rat | 3450 mg/kg (Source: NLM_CIP) |
|---------------|------------------------------|
| LD50 oral | 3450 mg/kg bodyweight |

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| 650 mg/kg (Source: EPA_HPV) 650 mg/kg bodyweight 4550 mg/kg (Source: EPA_HPV) 5000 mg/kg (Source: EPA_HPV) 2000 mg/kg (Source: ECHA_API) 5 g/kg (Source: NLM_CIP) 2000 mg/kg (Source: ECHA_API) |
|---|
| 4550 mg/kg (Source: EPA_HPV) 5000 mg/kg (Source: EPA_HPV) 2000 mg/kg (Source: ECHA_API) 5 g/kg (Source: NLM_CIP) 2000 mg/kg (Source: ECHA_API) |
| 5000 mg/kg (Source: EPA_HPV) 2000 mg/kg (Source: ECHA_API) 5 g/kg (Source: NLM_CIP) 2000 mg/kg (Source: ECHA_API) |
| 5000 mg/kg (Source: EPA_HPV) 2000 mg/kg (Source: ECHA_API) 5 g/kg (Source: NLM_CIP) 2000 mg/kg (Source: ECHA_API) |
| 2000 mg/kg (Source: ECHA_API) 5 g/kg (Source: NLM_CIP) 2000 mg/kg (Source: ECHA_API) 56-8) |
| 5 g/kg (Source: NLM_CIP) 2000 mg/kg (Source: ECHA_API) 56-8) |
| 5 g/kg (Source: NLM_CIP) 2000 mg/kg (Source: ECHA_API) 56-8) |
| 2000 mg/kg (Source: ECHA_API) 56-8) |
| 2000 mg/kg (Source: ECHA_API) 56-8) |
| 56-8) |
| |
| 840 mg/kg (Source: NLM_CIP) |
| |
| |
| 000 mg/kg bodyweight |
| 5000 mg/kg (Source: ECHA_API) |
| ased on available data, the classification criteria are not met of classified ased on available data, the classification criteria are not met of classified ased on available data, the classification criteria are not met of classified ased on available data, the classification criteria are not met of classified ased on available data, the classification criteria are not met of classified ased on available data, the classification criteria are not met of classified ased on available data, the classification criteria are not met of classified ased on available data, the classification criteria are not met of classified ased on available data, the classification criteria are not met of classified ased on available data, the classification criteria are not met of classified ased on available data, the classification criteria are not met of classified |
| |

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Potential adverse human health effects and symptoms

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

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term :

: Not classified

(acute)

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Hazardous to the aquatic environment, long-term

: Not classified

(chronic)

| Linalyl acetate (115-95-7) | |
|-----------------------------|--|
| LC50 - Fish [1] | 11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA) |
| Ethyl linalool (10339-55-6) | |
| LC50 - Fish [1] | 24 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static] Source: ECHA) |

12.2. Persistence and degradability

| TYPE 5 - LBD CC-13077 10% in DPG | |
|----------------------------------|------------------|
| Persistence and degradability | Not established. |

12.3. Bioaccumulative potential

| TYPE 5 - LBD CC-13077 10% in DPG | | |
|---|------------------|--|
| Bioaccumulative potential | Not established. | |
| Citronellol Pure (106-22-9) | | |
| Partition coefficient n-octanol/water (Log Pow) | 3,41 (at 25 °C) | |
| Linalyl acetate (115-95-7) | | |
| Partition coefficient n-octanol/water (Log Pow) | 3,9 (at 25 °C) | |
| Helional (1205-17-0) | | |
| Partition coefficient n-octanol/water (Log Pow) | 2,4 (at 25 °C) | |
| Hydroxy (107-75-5) | | |
| Partition coefficient n-octanol/water (Log Pow) | 1,68 (at 25 °C) | |
| Ethyl linalool (10339-55-6) | | |
| Partition coefficient n-octanol/water (Log Pow) | 3,3 (at 20 °C) | |

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations

: Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

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HP Code

- : HP3 "Flammable:"
 - flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
 - flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
 - flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
 - flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
 - water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
 - other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.

SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID | |
|----------------------------------|--|----------------|----------------|----------------|--|
| 14.1. UN number or ID n | 14.1. UN number or ID number | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable | |
| 14.2. UN proper shipping name | | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable | |
| 14.3. Transport hazard class(es) | | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable | |
| 14.4. Packing group | | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable | |
| 14.5. Environmental hazards | | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable | |
| No supplementary information | No supplementary information available | | | | |

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

| EU restriction list (REACH Annex XVII) | | |
|--|--|--|
| Reference code | Applicable on | Entry title or description |
| 3(a) | Citrus medica limonum (Lemon) peel oil | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F |
| 3(b) | Citronellol Pure; Linalyl acetate; Helional; Hydroxy; Iso E Super; Citrus medica limonum (Lemon) peel oil; Ethyl linalool | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 |
| 3(c) | Helional ; Iso E Super ; Citrus medica limonum (Lemon) peel oil | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1 |
| 40. | Citrus medica limonum (Lemon) peel oil | Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not. |

REACH Annex XIV (Authorisation List)

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

REACH Candidate List (SVHC)

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

PIC Regulation (Prior Informed Consent)

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

POP Regulation (Persistent Organic Pollutants)

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

Ozone Regulation (1005/2009)

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

Explosives Precursors Regulation (2019/1148)

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

Drug Precursors Regulation (273/2004)

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

15.1.2. National regulations

Germany

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

Storage class (LGK, TRGS 510) : LGK 12 - Non-combustible liquids.

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Joint storage table

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

Joint storage not permitted for : LGK 1, LGK 6.2, LGK 7.

Joint storage with restrictions permitted for LGK 4.1A, LGK 4.3, LGK 5.1C.

LGK 2A, LGK 2B, LGK 3, LGK 4.1B, LGK 4.2, LGK 5.1A, LGK 5.1B, LGK 5.2, LGK 6.1A, Joint storage permitted for

LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK

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

Netherlands

ABM category : A(3) - hazardous for aquatic organisms, may have longterm hazardous effects in aquatic

environment

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 -: None of the components are listed

Vruchtbaarheid

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**

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

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

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 Chronic 1 | Hazardous to the aquatic environment – Chronic Hazard, Category 1 | |
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 | |
| EUH208 | Contains Citronellol Pure, Linalyl acetate, Helional, Hydroxy, Iso E Super, Citrus medica limonum (Lemon) peel oil, Ethyl linalool. May produce an allergic reaction. | |
| EUH210 | Safety data sheet available on request. | |
| 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. | |

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| Full text of H- and EUH-statements: | |
|-------------------------------------|---|
| H361 | Suspected of damaging fertility or the unborn child. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |
| Repr. 2 | Reproductive toxicity, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| Skin Sens. 1B | Skin sensitisation, category 1B |

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

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

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