

# SPARKLING YUZU CC-16314 5%

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878



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

#### 1.1. Product identifier

Product form : Mixture  
Product name : SPARKLING YUZU CC-16314 5%  
Product code : CC-16314\_5%  
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  
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  
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

Signal word (CLP) : Warning  
Contains : Hexyl cinnamic aldehyde; Orange oil ; Linalyl acetate; Grapefruit oil; d-Limonene; Linalool  
Hazard statements (CLP) : H317 - May cause an allergic skin reaction.  
Precautionary statements (CLP) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
Extra phrases : For professional users only.

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### 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]
Hexyl cinnamic aldehyde	CAS-No.: 101-86-0 EC-No.: 202-983-3 REACH-no: 01-2119533092-50	0.5 – 1	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Orange oil	CAS-No.: 8008-57-9 EC-No.: 232-433-8 REACH-no: 01-2119493353-35	0.245 – 0.485	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Linalyl acetate	CAS-No.: 115-95-7 EC-No.: 204-116-4 REACH-no: 01-2119454789-19	0.08 – 0.16	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
lauryl alcohol substance with national workplace exposure limit(s) (LV, SI)	CAS-No.: 112-53-8 EC-No.: 203-982-0	0.07 – 0.135	Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Grapefruit oil	CAS-No.: 8016-20-4 EC-No.: 600-007-4	0.065 – 0.125	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
d-Limonene substance with national workplace exposure limit(s) (DE, ES, FI, SI, NO, CH)	CAS-No.: 5989-27-5 EC-No.: 205-341-0 EC Index-No.: 601-096-00-2 REACH-no: 01-2119493353-35	0.05 – 0.1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 REACH-no: 01-2119474016-42	0.05 – 0.1	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Ethyl alcohol substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, LT, LV, NL, PL, PT, RO, SE, SI, SK, NO, CH)	CAS-No.: 64-17-5 EC-No.: 200-578-6 EC Index-No.: 603-002-00-5	0.005 – 0.012475	Flam. Liq. 2, H225
1,2-Propanediol substance with national workplace exposure limit(s) (GB, HR, IE, LT, LV, PL, NO)	CAS-No.: 57-55-6 EC-No.: 200-338-0 REACH-no: 01-2119456809-23	0.005 – 0.01235	Not classified

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
.alpha.-Pinene substance with national workplace exposure limit(s) (BE, EE, ES, LT, PT, SE, NO)	CAS-No.: 80-56-8 EC-No.: 201-291-9	0.005 – 0.01	Flam. Liq. 3, H226
CAFFEINE substance with national workplace exposure limit(s) (BG, LT, LV)	CAS-No.: 58-08-2 EC-No.: 200-362-1 EC Index-No.: 613-086-00-5	0 – 0.000015	Acute Tox. 4 (Oral), H302

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: 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.

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### 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

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

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

lauryl alcohol (112-53-8)	
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA	10 mg/m <sup>3</sup>
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA	155 mg/m <sup>3</sup>
OEL TWA [ppm]	20 ppm
OEL STEL	155 mg/m <sup>3</sup>
OEL STEL [ppm]	20 ppm
<b>d-Limonene (5989-27-5)</b>	
<b>Finland - Occupational Exposure Limits</b>	
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
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
AGW (OEL TWA) [1]	28 mg/m <sup>3</sup> (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)

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<b>d-Limonene (5989-27-5)</b>	
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
<b>Slovenia - Occupational Exposure Limits</b>	
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
<b>Spain - Occupational Exposure Limits</b>	
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
<b>Norway - Occupational Exposure Limits</b>	
Grønseverdi (OEL TWA) [1]	140 mg/m <sup>3</sup>
Grønseverdi (OEL TWA) [2]	25 ppm
Korttidsverdi (OEL STEL)	175 mg/m <sup>3</sup> (value calculated)
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)
OEL chemical category	Allergenic substance
<b>Switzerland - Occupational Exposure Limits</b>	
MAK (OEL TWA) [1]	40 mg/m <sup>3</sup>
MAK (OEL TWA) [2]	7 ppm
KZGW (OEL STEL)	80 mg/m <sup>3</sup>
KZGW (OEL STEL) [ppm]	14 ppm
OEL chemical category	Sensitizer
<b>Ethyl alcohol (64-17-5)</b>	
<b>Austria - Occupational Exposure Limits</b>	
MAK (OEL TWA)	1900 mg/m <sup>3</sup>
MAK (OEL TWA) [ppm]	1000 ppm
MAK (OEL STEL)	3800 mg/m <sup>3</sup>
MAK (OEL STEL) [ppm]	2000 ppm
<b>Belgium - Occupational Exposure Limits</b>	
OEL TWA	1907 mg/m <sup>3</sup>
OEL TWA [ppm]	1000 ppm
<b>Bulgaria - Occupational Exposure Limits</b>	
OEL TWA	1000 mg/m <sup>3</sup>
<b>Croatia - Occupational Exposure Limits</b>	
GVI (OEL TWA) [1]	1900 mg/m <sup>3</sup>
GVI (OEL TWA) [2]	1000 ppm

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<b>Ethyl alcohol (64-17-5)</b>	
<b>Czech Republic - Occupational Exposure Limits</b>	
PEL (OEL TWA)	1000 mg/m <sup>3</sup>
<b>Denmark - Occupational Exposure Limits</b>	
OEL TWA [1]	1900 mg/m <sup>3</sup>
OEL TWA [2]	1000 ppm
OEL STEL	3800 mg/m <sup>3</sup>
OEL STEL [ppm]	2000 ppm
<b>Estonia - Occupational Exposure Limits</b>	
OEL TWA	1000 mg/m <sup>3</sup>
OEL TWA [ppm]	500 ppm
OEL STEL	1900 mg/m <sup>3</sup>
OEL STEL [ppm]	1000 ppm
<b>Finland - Occupational Exposure Limits</b>	
HTP (OEL TWA) [1]	1900 mg/m <sup>3</sup>
HTP (OEL TWA) [2]	1000 ppm
HTP (OEL STEL)	2500 mg/m <sup>3</sup>
HTP (OEL STEL) [ppm]	1300 ppm
<b>France - Occupational Exposure Limits</b>	
VME (OEL TWA)	1900 mg/m <sup>3</sup>
VME (OEL TWA) [ppm]	1000 ppm
VLE (OEL C/STEL)	9500 mg/m <sup>3</sup>
VLE (OEL C/STEL) [ppm]	5000 ppm
<b>Germany - Occupational Exposure Limits (TRGS 900)</b>	
AGW (OEL TWA) [1]	380 mg/m <sup>3</sup> (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
AGW (OEL TWA) [2]	200 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
<b>Greece - Occupational Exposure Limits</b>	
OEL TWA	1900 mg/m <sup>3</sup>
OEL TWA [ppm]	1000 ppm
<b>Hungary - Occupational Exposure Limits</b>	
AK (OEL TWA)	1900 mg/m <sup>3</sup>
CK (OEL STEL)	3800 mg/m <sup>3</sup>
<b>Ireland - Occupational Exposure Limits</b>	
OEL STEL [ppm]	1000 ppm
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA	1000 mg/m <sup>3</sup>
<b>Lithuania - Occupational Exposure Limits</b>	
IPRV (OEL TWA)	1000 mg/m <sup>3</sup>
IPRV (OEL TWA) [ppm]	500 ppm

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<b>Ethyl alcohol (64-17-5)</b>	
TPRV (OEL STEL)	1900 mg/m <sup>3</sup>
TPRV (OEL STEL) [ppm]	1000 ppm
<b>Netherlands - Occupational Exposure Limits</b>	
TGG-8u (OEL TWA)	260 mg/m <sup>3</sup>
TGG-8u (OEL TWA) [ppm]	137 ppm
TGG-15min (OEL STEL)	1900 mg/m <sup>3</sup>
TGG-15min (OEL STEL) [ppm]	1000 ppm
MAC chemical category	Skin notation
<b>Poland - Occupational Exposure Limits</b>	
NDS (OEL TWA)	1900 mg/m <sup>3</sup>
<b>Portugal - Occupational Exposure Limits</b>	
OEL STEL [ppm]	1000 ppm
OEL chemical category	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
<b>Romania - Occupational Exposure Limits</b>	
OEL TWA	1900 mg/m <sup>3</sup>
OEL TWA [ppm]	1000 ppm
OEL STEL	9500 mg/m <sup>3</sup>
OEL STEL [ppm]	5000 ppm
<b>Slovakia - Occupational Exposure Limits</b>	
NPHV (OEL TWA) [1]	960 mg/m <sup>3</sup>
NPHV (OEL TWA) [2]	500 ppm
NPHV (OEL C)	1920 mg/m <sup>3</sup>
<b>Slovenia - Occupational Exposure Limits</b>	
OEL TWA	960 mg/m <sup>3</sup>
OEL TWA [ppm]	500 ppm
OEL STEL	1920 mg/m <sup>3</sup>
OEL STEL [ppm]	1000 ppm
<b>Spain - Occupational Exposure Limits</b>	
VLA-EC (OEL STEL)	1910 mg/m <sup>3</sup>
VLA-EC (OEL STEL) [ppm]	1000 ppm
<b>Sweden - Occupational Exposure Limits</b>	
NGV (OEL TWA)	1000 mg/m <sup>3</sup>
NGV (OEL TWA) [ppm]	500 ppm
KTV (OEL STEL)	1900 mg/m <sup>3</sup>
KTV (OEL STEL) [ppm]	1000 ppm
<b>United Kingdom - Occupational Exposure Limits</b>	
WEL TWA (OEL TWA) [1]	1920 mg/m <sup>3</sup>
WEL TWA (OEL TWA) [2]	1000 ppm
WEL STEL (OEL STEL)	5760 mg/m <sup>3</sup> (calculated)

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Ethyl alcohol (64-17-5)	
WEL STEL (OEL STEL) [ppm]	3000 ppm (calculated)
Norway - Occupational Exposure Limits	
Greneverdi (OEL TWA) [1]	950 mg/m <sup>3</sup>
Greneverdi (OEL TWA) [2]	500 ppm
Korttidsverdi (OEL STEL)	1187.5 mg/m <sup>3</sup> (value calculated)
Korttidsverdi (OEL STEL) [ppm]	625 ppm (value calculated)
Switzerland - Occupational Exposure Limits	
MAK (OEL TWA) [1]	960 mg/m <sup>3</sup>
MAK (OEL TWA) [2]	500 ppm
KZGW (OEL STEL)	1920 mg/m <sup>3</sup>
KZGW (OEL STEL) [ppm]	1000 ppm
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL STEL [ppm]	1000 ppm
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
1,2-Propanediol (57-55-6)	
Croatia - Occupational Exposure Limits	
GVI (OEL TWA) [1]	474 mg/m <sup>3</sup> (total vapor and particles) 10 mg/m <sup>3</sup> (particles)
GVI (OEL TWA) [2]	150 ppm
Ireland - Occupational Exposure Limits	
OEL TWA [1]	10 mg/m <sup>3</sup> (particulates) 470 mg/m <sup>3</sup> (total vapour and particulates)
OEL TWA [2]	150 ppm (total vapour and particulates)
OEL STEL	1410 mg/m <sup>3</sup> (calculated-particulates) 30 mg/m <sup>3</sup> (calculated)
OEL STEL [ppm]	450 ppm (calculated-total vapour and particulates)
Latvia - Occupational Exposure Limits	
OEL TWA	7 mg/m <sup>3</sup>
Lithuania - Occupational Exposure Limits	
IPRV (OEL TWA)	7 mg/m <sup>3</sup>
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	100 mg/m <sup>3</sup> (vapor and inhalable fraction)
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	474 mg/m <sup>3</sup> (total vapour and particulates) 10 mg/m <sup>3</sup> (particulates)
WEL TWA (OEL TWA) [2]	150 ppm (total vapour and particulates)
WEL STEL (OEL STEL)	1422 mg/m <sup>3</sup> (calculated-total vapour and particulates) 30 mg/m <sup>3</sup> (calculated-particulate)
WEL STEL (OEL STEL) [ppm]	450 ppm (calculated-total vapour and particulates)

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<b>1,2-Propanediol (57-55-6)</b>	
<b>Norway - Occupational Exposure Limits</b>	
Grenseverdi (OEL TWA) [1]	79 mg/m <sup>3</sup>
Grenseverdi (OEL TWA) [2]	25 ppm
Korttidsverdi (OEL STEL)	118.5 mg/m <sup>3</sup> (value calculated)
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)
<b>.alpha.-Pinene (80-56-8)</b>	
<b>Belgium - Occupational Exposure Limits</b>	
OEL TWA [ppm]	20 ppm
<b>Estonia - Occupational Exposure Limits</b>	
OEL TWA	150 mg/m <sup>3</sup> (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
OEL TWA [ppm]	25 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
OEL STEL	300 mg/m <sup>3</sup> (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
OEL STEL [ppm]	50 ppm (Turpentine produced from Nordic conifers has an irritating effect on the skin, monoterpenes, with the exception of 3-Carene, have a lesser effect)
<b>Lithuania - Occupational Exposure Limits</b>	
IPRV (OEL TWA)	150 mg/m <sup>3</sup>
IPRV (OEL TWA) [ppm]	25 ppm
TPRV (OEL STEL)	300 mg/m <sup>3</sup>
TPRV (OEL STEL) [ppm]	50 ppm
<b>Portugal - Occupational Exposure Limits</b>	
OEL TWA [ppm]	20 ppm (Turpentine and selected Monoterpenes)
OEL chemical category	Sensitizer dermal, A4 - Not Classifiable as a Human Carcinogen
<b>Spain - Occupational Exposure Limits</b>	
VLA-ED (OEL TWA) [1]	113 mg/m <sup>3</sup>
VLA-ED (OEL TWA) [2]	20 ppm
OEL chemical category	Sensitizer
<b>Sweden - Occupational Exposure Limits</b>	
NGV (OEL TWA)	150 mg/m <sup>3</sup>
NGV (OEL TWA) [ppm]	25 ppm
KTV (OEL STEL)	300 mg/m <sup>3</sup>
KTV (OEL STEL) [ppm]	50 ppm
OEL chemical category	Sensitizer
<b>Norway - Occupational Exposure Limits</b>	
Grenseverdi (OEL TWA) [1]	140 mg/m <sup>3</sup>
Grenseverdi (OEL TWA) [2]	25 ppm
Korttidsverdi (OEL STEL)	175 mg/m <sup>3</sup> (value calculated)
Korttidsverdi (OEL STEL) [ppm]	37.5 ppm (value calculated)

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<b>.alpha.-Pinene (80-56-8)</b>	
OEL chemical category	Skin notation
<b>USA - ACGIH - Occupational Exposure Limits</b>	
ACGIH OEL TWA [ppm]	20 ppm (Turpentine and selected Monoterpenes)
ACGIH chemical category	Not Classifiable as a Human Carcinogen, dermal sensitizer
<b>CAFFEINE (58-08-2)</b>	
<b>Bulgaria - Occupational Exposure Limits</b>	
OEL TWA	0.5 mg/m <sup>3</sup>
<b>Latvia - Occupational Exposure Limits</b>	
OEL TWA	0.5 mg/m <sup>3</sup>
<b>Lithuania - Occupational Exposure Limits</b>	
IPRV (OEL TWA)	0.5 mg/m <sup>3</sup> (base)

### 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

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### 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
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

## 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.

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### 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

Hexyl cinnamic aldehyde (101-86-0)	
LD50 oral rat	3100 mg/kg (Source: NLM_CIP)
LD50 oral	3100 mg/kg bodyweight
LD50 dermal rabbit	> 3000 mg/kg (Source: EPA_HPVS)
LC50 Inhalation - Rat	> 5 mg/l/4h
Orange oil (8008-57-9)	
LD50 oral rat	4400 mg/kg (Source: NZ_CCID)
LD50 dermal rabbit	> 5000 mg/kg (Source: CHEMVIEW)
Linalyl acetate (115-95-7)	
LD50 oral rat	14550 mg/kg (Source: EPA_HPVS)
LD50 dermal rabbit	> 5000 mg/kg (Source: EPA_HPVS)
lauryl alcohol (112-53-8)	
LD50 oral rat	> 12800 mg/kg (Source: NLM_CIP)
LD50 dermal rabbit	11300 mg/kg (Source: ECHA_API)
LC50 Inhalation - Rat	71 mg/l (Exposure time: 1 h Source: ECHA_API)
Grapefruit oil (8016-20-4)	
LD50 oral rat	> 5 g/kg (Source: NLM_CIP)
d-Limonene (5989-27-5)	
LD50 oral rat	4400 mg/kg (Source: CHEMVIEW)
LD50 dermal rabbit	> 5 g/kg (Source: CHEMVIEW)
Linalool (78-70-6)	
LD50 oral	2790 mg/kg bodyweight
Ethyl alcohol (64-17-5)	
LD50 oral rat	7060 mg/kg (Source: NLM_CIP)
LC50 Inhalation - Rat	133.8 mg/l/4h
1,2-Propanediol (57-55-6)	
LD50 oral rat	20 g/kg (Source: NLM_CIP)
LD50 dermal rabbit	20800 mg/kg (Source: NLM_CIP)
.alpha.-Pinene (80-56-8)	
LD50 oral rat	3700 mg/kg (Source: NLM_CIP)
LD50 oral	500 mg/kg bodyweight
LD50 dermal rat	> 5000 mg/kg (Source: CHEMVIEW)

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<b>CAFFEINE (58-08-2)</b>	
LD50 oral rat	367.7 mg/kg (Source: OECD_SIDS)
LD50 oral	370 mg/kg bodyweight
LD50 dermal rat	> 2000 mg/kg (Source: ECHA_API)
LC50 Inhalation - Rat	4.94 mg/l/4h

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

<b>d-Limonene (5989-27-5)</b>	
IARC group	3 - Not classifiable

<b>CAFFEINE (58-08-2)</b>	
IARC group	3 - Not classifiable

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
Aspiration hazard	: Not classified
Additional information	: Based on available data, the classification criteria are not met

<b>Orange oil (8008-57-9)</b>	
Hydrocarbon	Yes

Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met
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## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

<b>Linalyl acetate (115-95-7)</b>	
LC50 - Fish [1]	11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA)

<b>lauryl alcohol (112-53-8)</b>	
LC50 - Fish [1]	1.01 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
LC50 - Fish [2]	0.1855 mg/l (Exposure time: 96 h - Species: Pimephales promelas Source: IUCLID)
EC50 - Crustacea [1]	320 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 96h - Algae [1]	0.62 mg/l (Species: Desmodemus subspicatus)

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<b>d-Limonene (5989-27-5)</b>	
LC50 - Fish [1]	0.619 – 0.796 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through] Source: EPA)
LC50 - Fish [2]	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: EPA)
<b>Linalool (78-70-6)</b>	
EC50 96h - Algae [1]	88.3 mg/l (Species: Desmodemus subspicatus)
<b>Ethyl alcohol (64-17-5)</b>	
LC50 - Fish [2]	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)
EC50 - Crustacea [1]	9268 – 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 - Crustacea [2]	2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
<b>1,2-Propanediol (57-55-6)</b>	
LC50 - Fish [1]	51600 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: IUCLID)
LC50 - Fish [2]	41 – 47 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: EPA)
EC50 - Crustacea [1]	> 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 96h - Algae [1]	19000 mg/l (Species: Pseudokirchneriella subcapitata)
<b>.alpha.-Pinene (80-56-8)</b>	
LC50 - Fish [1]	0.28 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: IUCLID)
EC50 - Crustacea [1]	41 mg/l (Exposure time: 48 h - Species: Daphnia magna)
<b>CAFFEINE (58-08-2)</b>	
LC50 - Fish [1]	151 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
<b>12.2. Persistence and degradability</b>	
<b>SPARKLING YUZU CC-16314 5%</b>	
Persistence and degradability	Not established.
<b>12.3. Bioaccumulative potential</b>	
<b>SPARKLING YUZU CC-16314 5%</b>	
Bioaccumulative potential	Not established.
<b>Linalyl acetate (115-95-7)</b>	
Partition coefficient n-octanol/water (Log Pow)	3.9 (at 25 °C)
<b>lauryl alcohol (112-53-8)</b>	
Partition coefficient n-octanol/water (Log Pow)	5.4 (at 23 °C (at pH 7.1)
<b>d-Limonene (5989-27-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	4.38 (at 37 °C (at pH 7.2)
<b>Ethyl alcohol (64-17-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	-0.35 (at 24 °C (at pH 7.4)
<b>1,2-Propanediol (57-55-6)</b>	
BCF - Fish [1]	(1 dimensionless)
Partition coefficient n-octanol/water (Log Pow)	-1.07 (at 20.5 °C (at pH >=6.2-<=6.4)

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### .alpha.-Pinene (80-56-8)

Partition coefficient n-octanol/water (Log Pow) 4.1

### CAFFEINE (58-08-2)

Partition coefficient n-octanol/water (Log Pow) -0.091 (at 23 °C)

### 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 in a safe manner in accordance with local/national regulations.  
Ecology - waste materials : Avoid release to the environment.  
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
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

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### 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. 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

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

##### EU restriction list (REACH Annex XVII)

Reference code	Applicable on	Entry title or description
3(a)	Orange oil ; Grapefruit oil ; d-Limonene ; Ethyl alcohol ; .alpha.-Pinene	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)	SPARKLING YUZU CC-16314 5% ; Hexyl cinnamic aldehyde ; Orange oil ; Linalyl acetate ; lauryl alcohol ; Grapefruit oil ; d-Limonene ; Linalool ; CAFFEINE	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)	Hexyl cinnamic aldehyde ; Orange oil ; lauryl alcohol ; Grapefruit oil ; d-Limonene	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.	Orange oil ; Grapefruit oil ; d-Limonene ; Ethyl alcohol ; .alpha.-Pinene	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

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### 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

#### France

Occupational diseases	
Code	Description
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamide; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

#### 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.

Joint storage table

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

Joint storage not permitted for

: LGK 1, LGK 6.2, LGK 7.

Joint storage with restrictions permitted for

: LGK 4.1A, LGK 4.3, LGK 5.1C.

Joint storage permitted for

: LGK 2A, LGK 2B, LGK 3, LGK 4.1B, LGK 4.2, LGK 5.1A, LGK 5.1B, LGK 5.2, LGK 6.1A, LGK 6.1B, LGK 6.1C, LGK 6.1D, LGK 8A, LGK 8B, LGK 10, LGK 11, LGK 12, LGK 13, LGK 10-13.

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

: Orange oil ,Ethyl alcohol are listed

SZW-lijst van mutagene stoffen

: Orange oil is listed

SZW-lijst van reprotoxische stoffen – Borstvoeding

: Ethyl alcohol is listed

SZW-lijst van reprotoxische stoffen –

: Ethyl alcohol is listed

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen – Ontwikkeling

: Ethyl alcohol is 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  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

#### Switzerland

Storage class (LK)

: LK 10/12 - Liquids

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### 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:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute 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. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H225	Highly flammable liquid and vapour.
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.
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

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.