

# Bergamot and tarragon leaves

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
Issue date: 29/04/2025 - Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : Bergamot and tarragon leaves  
UFI : FRCM-153Y-C00C-4SFH  
Product code : -  
Product group : Perfume concentrate

#### 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

##### 1.2.2. Uses advised against

No additional information available

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

The Candle Fragrance Co.  
201 Marvel Road  
21801 SALISBURY USA  
(443) 206-8406  
contact@thecandlefragranceco.com, www.thecandlefragranceco.com

#### 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]

Acute toxicity (oral), Category 4 H302  
Skin corrosion/irritation, Category 2 H315  
Serious eye damage/eye irritation, Category 2 H319  
Skin sensitisation, Category 1 H317  
Germ cell mutagenicity, Category 2 H341  
Carcinogenicity, Category 2 H351  
Hazardous to the aquatic environment – Acute Hazard, H400  
Category 1  
Hazardous to the aquatic environment – Chronic Hazard, H411  
Category 2

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)



Signal word (CLP)

: Warning

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Contains	: b-Pinene; (R)-p-mentha-1,8-diene; d-limonene; ACETATE GERANYLE; linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool; ACETATE LINALYLE; EUCALYPTOL; TRIPLAL; ISOCYCLO CITRAL; ACETATE PTBCH; geraniol; (2E)-3,7-dimethylocta-2,6-dien-1-ol; HYDROXYCITRONELLAL; benzyl benzoate; ALDEHYDE CINNAMIQUE; VERTILIONE; SALICYLATE HEXYLE; ALDEHYDE HEXYL CINNAMIQUE; ESTRAGOL
Hazard statements (CLP)	: H302 - Harmful if swallowed. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H341 - Suspected of causing genetic defects. H351 - Suspected of causing cancer. H410 - Very toxic to aquatic life with long lasting effects.
Precautionary statements (CLP)	: P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash hands, forearms and face thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. P301+P312 - IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. P302+P352 - IF ON SKIN: Wash with plenty of water. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 - IF exposed or concerned: Get medical advice/attention. P321 - Specific treatment (see supplemental first aid instruction on this label). P330 - Rinse mouth. P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P391 - Collect spillage. P405 - Store locked up. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

### 2.3. Other hazards

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

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

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
benzyl benzoate	CAS-No.: 120-51-4 EC-No.: 204-402-9 EC Index-No.: 607-085-00-9 REACH-no: 01-2119976371-33	60.2505475	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
BERGAMOTE HE	CAS-No.: 89957-91-5, 92704-01-3 EC-No.: 289-612-9, 296-429-8 REACH-no: 01-2120117613-65-5	7.2	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Repr. 2, H361 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
LINALOL	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2 REACH-no: 01-2119474016-42-0000	5.8215788	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1B, H317
ACETATE PTBCH	CAS-No.: 32210-23-4 EC-No.: 250-954-9 REACH-no: 01-2119976286-24-XXXX	5.6	Skin Sens. 1B, H317
TERPINEOL	CAS-No.: 98-55-5 EC-No.: 202-680-6 REACH-no: 01-2119553062-49-0000	3.25	Eye Irrit. 2, H319 Skin Irrit. 2, H315
LIMONENE DROIT (+100)	CAS-No.: 5989-27-5 EC-No.: 227-813-5 EC Index-No.: 601-096-00-2 REACH-no: 01-2119529223-47-0007	2.72175475	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
GERANIOL	CAS-No.: 106-24-1 EC-No.: 203-377-1 EC Index-No.: 603-241-00-5 REACH-no: 01-2119552430-49-0000	2.20006	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317
TRIPLAL	CAS-No.: 68039-49-6 EC-No.: 268-264-1 REACH-no: 01-2119982384-28-0001	2.2	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 2, H411
ACETATE LINALYLE	CAS-No.: 115-95-7 EC-No.: 204-116-4 REACH-no: 01-2119454789-19-0001	2.06136	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1B, H317
IONONE BETA	CAS-No.: 14901-07-6 EC-No.: 238-969-9 REACH-no: 01-2119449921-34-0000	1.9	Aquatic Chronic 2, H411
VERTILIONE	CAS-No.: 32388-55-9 EC-No.: 251-020-3 REACH-no: 01-2119969651-28	1.9	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Sens. 1B, H317
ALDEHYDE HEXYL CINNAMIQUE	CAS-No.: 101-86-0 EC-No.: 202-983-3 REACH-no: 01-2119533092-50	1.3000001	Aquatic Acute 1, H400 Aquatic Chronic 2, H411 Skin Sens. 1B, H317

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
HYDROXYCITRONELLAL	CAS-No.: 107-75-5 EC-No.: 203-518-7 REACH-no: 01-2119973482-31	1.15	Eye Irrit. 2, H319 Skin Sens. 1B, H317
ISOCYCLO CITRAL	CAS-No.: 1335-66-6 EC-No.: 215-638-7	1.1	Eye Irrit. 2, H319 Aquatic Chronic 3, H412 Skin Irrit. 2, H315 Skin Sens. 1B, H317
VIRIDINE	CAS-No.: 101-48-4 EC-No.: 202-945-6	1	Eye Irrit. 2, H319
ESTRAGOL	CAS-No.: 140-67-0 EC-No.: 205-427-8 REACH-no: 01-21207832-41	1	Skin Sens. 1B, H317 Skin Irrit. 2, H315 Muta. 2, H341 Carc. 2, H351 Aquatic Chronic 3, H412 Acute Tox. 4 (Oral), H302
gamma-Terpinene	CAS-No.: 99-85-4 EC-No.: 202-794-6	0.45504	Repr. 2, H361 Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
SALICYLATE HEXYLE	CAS-No.: 6259-76-3 EC-No.: 228-408-6 REACH-no: 01-2119638275-36-XXXX	0.45	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Sens. 1B, H317
b-Pinene	CAS-No.: 127-91-3 EC-No.: 204-872-5	0.440685	Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317
ALDEHYDE CINNAMIQUE	CAS-No.: 104-55-2 EC-No.: 203-213-9 REACH-no: 01-2119935242-45	0.318012091	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1A, H317 Aquatic Chronic 3, H412
EUCALYPTOL	CAS-No.: 470-82-6 EC-No.: 207-431-5 REACH-no: 01-2119967772-24-0006	0.25	Flam. Liq. 3, H226 Skin Sens. 1B, H317 Eye Irrit. 2, H319
CARVONE LAEOGYRE	CAS-No.: 6485-40-1 EC-No.: 229-352-5 EC Index-No.: 606-148-00-8 REACH-no: 01-2119962458-25	0.2	Skin Sens. 1, H317
SALICYLATE AMYLE	CAS-No.: 2050-08-0 EC-No.: 218-080-2 REACH-no: 01-2119969444-27-XXXX	0.15	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
ACETATE GERANYLE	CAS-No.: 105-87-3 EC-No.: 203-341-5 REACH-no: 01-2119973480-35	0.125122	Skin Sens. 1B, H317 Skin Irrit. 2, H315 Aquatic Chronic 3, H412

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
FORMIATE CARYOPHYLLENYLE	CAS-No.: 58096-46-1 EC-No.: 261-117-2	0.0034	Not classified
YLANG EXTRA	CAS-No.: 83863-30-3 EC-No.: 281-092-1, 616-893-0	0.0025	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
ALCOOL PHENYLETHYLIQUE	CAS-No.: 60-12-8 EC-No.: 200-456-2 REACH-no: 01-2119963921-31-0009	0.0012	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
ALDEHYDE AMYL CINNAMIQUE	CAS-No.: 122-40-7 EC-No.: 204-541-5 REACH-no: 01-2119978288-18-, 01-2120763171-61	0.001	Aquatic Chronic 2, H411 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). Suspected of causing cancer.
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/.... Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). If skin irritation or rash occurs:
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a POISON CENTER/doctor if you feel unwell.

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

Symptoms/effects	: Suspected of causing genetic defects.
Symptoms/effects after inhalation	: May cause an allergic skin reaction.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: Swallowing a small quantity of this material will result in serious health hazard.

### 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

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### 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. Avoid release to the environment.

### 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. Avoid breathing dust/fume/gas/mist/vapours/spray. Obtain special instructions before use. Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood. |
| Hygiene measures              | : Do not eat, drink or smoke when using this product. Wash hands, forearms and face thoroughly after handling. 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.   |
| Maximum storage period | : 12 months   |

#### Switzerland

- |                    |                            |
|--------------------|----------------------------|
| Storage class (LK) | : LK 6.1 - Toxic materials |
|--------------------|----------------------------|

### 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

**Skin and body protection:**

Wear suitable protective clothing

**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	: Yellow.

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Odour	: Aromatic. Citrus. Herbal.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Non flammable.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: 85 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Solubility	: Alcohol.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 1.037 (1.032 – 1.042)
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

Refractive index : 1.529 (1.524 – 1.534)

## 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)	: Harmful if swallowed.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified



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ATE CLP (oral)	816.319 mg/kg bodyweight
<b>LINALOL (78-70-6)</b>	
LD50 oral	2790 mg/kg bodyweight
<b>gamma-Terpinene (99-85-4)</b>	
LD50 oral	3650 mg/kg bodyweight
<b>EUCALYPTOL (470-82-6)</b>	
LD50 oral	2480 mg/kg bodyweight
<b>TRIPLAL (68039-49-6)</b>	
LD50 oral	3900 mg/kg bodyweight
<b>ISOCYCLO CITRAL (1335-66-6)</b>	
LD50 oral	3220 mg/kg bodyweight
<b>ACETATE PTBCH (32210-23-4)</b>	
LD50 oral	3370 mg/kg bodyweight
<b>VIRIDINE (101-48-4)</b>	
LD50 oral	2500 mg/kg bodyweight
<b>TERPINEOL (98-55-5)</b>	
LD50 oral	4300 mg/kg bodyweight
<b>CARVONE LAEVOGYRE (6485-40-1)</b>	
LD50 oral	2500 mg/kg bodyweight
LD50 dermal	3800 mg/kg bodyweight
<b>GERANIOL (106-24-1)</b>	
LD50 oral	3600 mg/kg bodyweight
<b>IONONE BETA (14901-07-6)</b>	
LD50 oral	3490 mg/kg bodyweight
<b>benzyl benzoate (120-51-4)</b>	
LD50 oral	1160 mg/kg bodyweight
<b>ALDEHYDE CINNAMIQUE (104-55-2)</b>	
LD50 oral	2200 mg/kg bodyweight
LD50 dermal	1100 mg/kg bodyweight
<b>ALCOOL PHENYLETHYLIQUE (60-12-8)</b>	
LD50 oral	1610 mg/kg bodyweight
LD50 dermal	2500 mg/kg bodyweight
<b>SALICYLATE AMYLE (2050-08-0)</b>	
LD50 oral	2000 mg/kg bodyweight
<b>VERTILIONE (32388-55-9)</b>	
LD50 oral	4500 mg/kg bodyweight

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<b>ALDEHYDE HEXYL CINNAMIQUE (101-86-0)</b>	
LD50 oral	3100 mg/kg bodyweight
<b>ESTRAGOL (140-67-0)</b>	
LD50 oral	1230 mg/kg bodyweight
<b>ALDEHYDE AMYL CINNAMIQUE (122-40-7)</b>	
LD50 oral	3730 mg/kg bodyweight
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Suspected of causing genetic defects.
Carcinogenicity	: Suspected of causing cancer.
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>LIMONENE DROIT (+100) (5989-27-5)</b>	
Viscosity, kinematic	1.3 mm²/s
<b>11.2. Information on other hazards</b>	
<b>11.2.1. Endocrine disrupting properties</b>	
No additional information available	
<b>11.2.2. Other information</b>	
Potential adverse human health effects and symptoms	: Harmful if swallowed.
<b>SECTION 12: Ecological information</b>	
<b>12.1. Toxicity</b>	
Ecology - water	: Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	: Very toxic to aquatic life.
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.
<b>12.2. Persistence and degradability</b>	
<b>Bergamot and tarragon leaves</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>BERGAMOTE HE (89957-91-5, 92704-01-3)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>b-Pinene (127-91-3)</b>	
Persistence and degradability	Rapidly degradable
<b>LIMONENE DROIT (+100) (5989-27-5)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.

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<b>ACETATE GERANYLE (105-87-3)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>LINALOL (78-70-6)</b>	
Persistence and degradability	Not established.
<b>ACETATE LINALYLE (115-95-7)</b>	
Persistence and degradability	Not established.
<b>gamma-Terpinene (99-85-4)</b>	
Persistence and degradability	Rapidly degradable
<b>EUCALYPTOL (470-82-6)</b>	
Persistence and degradability	Rapidly degradable
<b>TRIPLAL (68039-49-6)</b>	
Persistence and degradability	Rapidly degradable
<b>ISOCYCLO CITRAL (1335-66-6)</b>	
Persistence and degradability	Rapidly degradable
<b>ACETATE PTBCH (32210-23-4)</b>	
Persistence and degradability	Not established.
<b>VIRIDINE (101-48-4)</b>	
Persistence and degradability	Rapidly degradable
<b>TERPINEOL (98-55-5)</b>	
Persistence and degradability	Not established.
<b>CARVONE LAEOGYRE (6485-40-1)</b>	
Persistence and degradability	Not established.
<b>GERANIOL (106-24-1)</b>	
Persistence and degradability	Rapidly degradable
<b>IONONE BETA (14901-07-6)</b>	
Persistence and degradability	Not established, May cause long-term adverse effects in the environment.
<b>HYDROXYCITRONELLAL (107-75-5)</b>	
Persistence and degradability	Not established.
<b>benzyl benzoate (120-51-4)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>ALDEHYDE CINNAMIQUE (104-55-2)</b>	
Persistence and degradability	Rapidly degradable
<b>ALCOOL PHENYLETHYLIQUE (60-12-8)</b>	
Persistence and degradability	Not established.
<b>SALICYLATE AMYLE (2050-08-0)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.

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<b>VERTILIONE (32388-55-9)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>SALICYLATE HEXYLE (6259-76-3)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>ALDEHYDE HEXYL CINNAMIQUE (101-86-0)</b>	
Persistence and degradability	Not established.
<b>ESTRAGOL (140-67-0)</b>	
Persistence and degradability	Not established.
<b>ALDEHYDE AMYL CINNAMIQUE (122-40-7)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>FORMIATE CARYOPHYLLENYLE (58096-46-1)</b>	
Persistence and degradability	Not established.
<b>YLANG EXTRA (83863-30-3)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.
<b>12.3. Bioaccumulative potential</b>	
<b>Bergamot and tarragon leaves</b>	
Bioaccumulative potential	Not established.
<b>BERGAMOTE HE (89957-91-5, 92704-01-3)</b>	
Bioaccumulative potential	Not established.
<b>LIMONENE DROIT (+100) (5989-27-5)</b>	
Partition coefficient n-octanol/water (Log Pow)	4.57
Bioaccumulative potential	Not established.
<b>ACETATE GERANYLE (105-87-3)</b>	
Bioaccumulative potential	Not established.
<b>LINALOL (78-70-6)</b>	
Bioaccumulative potential	Not established.
<b>ACETATE LINALYLE (115-95-7)</b>	
Bioaccumulative potential	Not established.
<b>ACETATE PTBCH (32210-23-4)</b>	
Bioaccumulative potential	Not established.
<b>TERPINEOL (98-55-5)</b>	
Bioaccumulative potential	Not established.
<b>CARVONE LAEOGYRE (6485-40-1)</b>	
Bioaccumulative potential	Not established.
<b>IONONE BETA (14901-07-6)</b>	
Bioaccumulative potential	Not established.

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HYDROXYCITRONELLAL (107-75-5)	
Bioaccumulative potential	Not established.
benzyl benzoate (120-51-4)	
Bioaccumulative potential	Not established.
ALCOOL PHENYLETHYLIQUE (60-12-8)	
Bioaccumulative potential	Not established.
SALICYLATE AMYLE (2050-08-0)	
Bioaccumulative potential	Not established.
VERTILIONE (32388-55-9)	
Bioaccumulative potential	Not established.
SALICYLATE HEXYLE (6259-76-3)	
Bioaccumulative potential	Not established.
ALDEHYDE HEXYL CINNAMIQUE (101-86-0)	
Bioaccumulative potential	Not established.
ESTRAGOL (140-67-0)	
Bioaccumulative potential	Not established.
ALDEHYDE AMYL CINNAMIQUE (122-40-7)	
Bioaccumulative potential	Not established.
FORMIATE CARYOPHYLLENYLE (58096-46-1)	
Bioaccumulative potential	Not established.
YLANG EXTRA (83863-30-3)	
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. 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. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Ecological information : Avoid release to the environment.

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### SECTION 14: Transport information

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

#### 14.1. UN number or ID 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. (benzyl benzoate), 9, III, (-)
Transport document description (IMDG)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, MARINE POLLUTANT
Transport document description (IATA)	: UN 3082 Environmentally hazardous substance, liquid, n.o.s., 9, III
Transport document description (ADN)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III
Transport document description (RID)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III

#### 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



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### 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  
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

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

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

Not applicable

## 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)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### 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)



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### 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)

### Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

### 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

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 2, Significantly hazardous to water (Classification according to AwSV, Annex 1).  
List of sensitizing substances (TRGS 907) : Contains sensitizing substances according TRGS 907.  
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

#### Netherlands

SZW-lijst van kankerverwekkende stoffen : BERGAMOTE HE,TRIPLAL are listed  
SZW-lijst van mutagene stoffen : BERGAMOTE HE,TRIPLAL are listed  
SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid : None of the components are listed  
SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

#### Denmark

Class for fire hazard : Class III-1  
Store unit : 50 liter  
Classification remarks : Flammable according to the Danish Ministry of Justice; Emergency management guidelines for the storage of flammable liquids must be followed  
Danish National Regulations : Young people below the age of 18 years are not allowed to use the product  
Pregnant/breastfeeding women working with the product must not be in direct contact with the product  
The requirements from the Danish Working Environment Authorities regarding work with carcinogens must be followed during use and disposal

### 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 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1

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Full text of H- and EUH-statements:	
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
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Muta. 2	Germ cell mutagenicity, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
Skin Sens. 1B	Skin sensitisation, category 1B

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.