# Amber Lavender

Safety Data Sheet

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## SECTION 1: Identification

### 1.1. Identification

Product form : Mixture

Product name : Amber Lavender

### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Perfume ingredient. Not for use in food or feed.

### 1.3. Supplier

AAA Candle Supplies, Inc.
10460 Brockwood Rd
Dallas, Texas 75238
T (214) 342-9898
www.AAACandleSupply.com

### 1.4. Emergency telephone number

No additional information available

## SECTION 2: Hazard(s) identification

### 2.1. Classification of the substance or mixture

**GHS US classification**

| | | |
|---|---|---|
| Flammable liquids Category 4 | H227 | Combustible liquid |
| Skin corrosion/irritation Category 2 | H315 | Causes skin irritation |
| Serious eye damage/eye irritation Category 2 | H319 | Causes serious eye irritation |
| Skin sensitization, Category 1 | H317 | May cause an allergic skin reaction |
| Germ cell mutagenicity Category 1B | H340 | May cause genetic defects |
| Carcinogenicity Category 1B | H350 | May cause cancer |
| Specific target organ toxicity (single exposure) Category 2 | H371 | May cause damage to organs |
| Aspiration hazard Category 1 | H304 | May be fatal if swallowed and enters airways |

Full text of H statements : see section 16

### 2.2. GHS Label elements, including precautionary statements

**GHS US labeling**

Hazard pictograms (GHS US) :

Signal word (GHS US) : Danger

Hazard statements (GHS US) : Combustible liquid
May be fatal if swallowed and enters airways
Causes skin irritation
May cause an allergic skin reaction
Causes serious eye irritation
May cause genetic defects
May cause cancer
May cause damage to organs

Precautionary statements (GHS US) : Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not breathe mist, vapors and spray.
Wash hands, forearms and face thoroughly after handling.
Do not eat, drink or smoke when using this product.
Contaminated work clothing must not be allowed out of the workplace
Wear protective gloves, protective clothing, eye and face protection
If swallowed: Immediately call a poison center or doctor
If on skin: Wash with plenty of water
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If exposed or concerned: Get medical attention.
Do NOT induce vomiting.
If skin irritation or rash occurs: Get medical attention.
If eye irritation persists: Get medical attention.
Take off contaminated clothing and wash it before reuse.
In case of fire: Use media other than water to extinguish.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents and container in accordance with applicable regulations.

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name | Product identifier | %* | GHS US classification |
|---|---|---|---|
| Tetramethyl acetyloctahydronapthalenes | (CAS-No.) 54464-57-2 | 5 - 20 | Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Aquatic Acute 2, H401<br>Aquatic Chronic 1, H410 |
| Orange terpenes | (CAS-No.) 8028-48-6 | 5 - 20 | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>STOT SE 3, H335<br>Asp. Tox. 1, H304<br>Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410 |
| 4-(4-hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde | (CAS-No.) 31906-04-4 | < 5 | Skin Sens. 1A, H317<br>Aquatic Acute 3, H402 |
| oils, lavandin | (CAS-No.) 8022-15-9 | < 5 | Flam. Liq. 4, H227<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Skin Sens. 1, H317<br>STOT SE 2, H371<br>STOT SE 3, H335<br>STOT SE 3, H336<br>Asp. Tox. 1, H304<br>Aquatic Acute 2, H401<br>Aquatic Chronic 2, H411 |
| 2,6-dimethyl-7-octen-2-ol | (CAS-No.) 18479-58-8 | < 5 | Flam. Liq. 4, H227<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319 |
| linalyl acetate | (CAS-No.) 115-95-7 | < 5 | Flam. Liq. 4, H227<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Skin Sens. 1B, H317<br>STOT SE 3, H335<br>Aquatic Acute 3, H402 |
| linalol | (CAS-No.) 78-70-6 | < 5 | Flam. Liq. 4, H227<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Skin Sens. 1B, H317<br>STOT SE 3, H336<br>Aquatic Acute 3, H402 |
| patchouli oil | (CAS-No.) 8014-09-3 | < 5 | Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Skin Sens. 1, H317<br>Asp. Tox. 1, H304 |
| nerol | (CAS-No.) 106-25-2 | < 5 | Flam. Liq. 4, H227<br>Skin Irrit. 2, H315<br>Eye Irrit. 2B, H320<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317<br>STOT SE 3, H335 |
| 1-methoxy-4(2-propenyl)benzene | (CAS-No.) 140-67-0 | < 5 | Flam. Liq. 4, H227<br>Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Skin Sens. 1, H317<br>Muta. 1B, H340<br>Carc. 1B, H350<br>Aquatic Acute 3, H402 |
| citral, isomer mixture | (CAS-No.) 5392-40-5 | < 5 | Flam. Liq. 4, H227<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Skin Sens. 1, H317 |

| Name | Product identifier | %* | GHS US classification |
|---|---|---|---|
| alpha-hexylcinnamaldehyde | (CAS-No.) 101-86-0 | < 5 | Skin Irrit. 2, H315<br>Eye Irrit. 2B, H320<br>Skin Sens. 1, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 2, H411 |
| nutmeg oil | (CAS-No.) 8008-45-5 | < 5 | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Skin Sens. 1, H317<br>Muta. 2, H341<br>Carc. 1B, H350<br>Asp. Tox. 1, H304<br>Aquatic Acute 2, H401<br>Aquatic Chronic 2, H411 |
| (R)-(-)-carvone | (CAS-No.) 6485-40-1 | < 5 | Flam. Liq. 4, H227<br>Acute Tox. 4 (Oral), H302<br>Skin Sens. 1, H317<br>Aquatic Acute 2, H401 |
| labdanum oil | (CAS-No.) 8016-26-0 | < 5 | Flam. Liq. 4, H227<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Asp. Tox. 1, H304<br>Aquatic Acute 3, H402<br>Aquatic Chronic 3, H412 |
| cedarwood oil, Virginia | (CAS-No.) 8000-27-9 | < 5 | Skin Sens. 1, H317<br>Asp. Tox. 1, H304 |
| isoeugenol | (CAS-No.) 97-54-1 | < 5 | Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation), H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Skin Sens. 1A, H317<br>STOT SE 3, H335 |
| trans-geranyl acetate | (CAS-No.) 105-87-3 | < 5 | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>STOT SE 3, H335<br>Aquatic Chronic 2, H411 |

*Exact concentrations have been withheld as a trade secret
Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general : Call a physician immediately.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical attention.

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 attention.

First-aid measures after ingestion : Do not induce vomiting. Call a physician immediately.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Eye irritation.

Symptoms/effects after ingestion : Risk of lung edema.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

### 5.2. Specific hazards arising from the chemical

Fire hazard : Combustible liquid.

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

### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe mist, vapors and spray.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

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

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe mist, vapors and spray. Avoid contact with skin and eyes.

Hygiene measures : Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool. Store locked up.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**cedarwood oil, Virginia (8000-27-9)**

Not applicable

**citral, isomer mixture (5392-40-5)**

| | | |
|---|---|---|
| ACGIH | ACGIH TWA (ppm) | 5 ppm (Citral; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Inhalable fraction and vapor) |

**(R)-(-)-carvone (6485-40-1)**

Not applicable

**2,6-dimethyl-7-octen-2-ol (18479-58-8)**

Not applicable

**trans-geranyl acetate (105-87-3)**

Not applicable

**alpha-hexylcinnamaldehyde (101-86-0)**

Not applicable

**linalol (78-70-6)**

Not applicable

**linalyl acetate (115-95-7)**

Not applicable

**isoeugenol (97-54-1)**

Not applicable

**labdanum oil (8016-26-0)**

Not applicable

**oils, lavandin (8022-15-9)**

Not applicable

| **Tetramethyl acetyloctahydronapthalenes (54464-57-2)** |
|---|
| Not applicable |

| **4-(4-hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde (31906-04-4)** |
|---|
| Not applicable |

| **nerol (106-25-2)** |
|---|
| Not applicable |

| **1-methoxy-4(2-propenyl)benzene (140-67-0)** |
|---|
| Not applicable |

| **nutmeg oil (8008-45-5)** |
|---|
| Not applicable |

| **patchouli oil (8014-09-3)** |
|---|
| Not applicable |

| **Orange terpenes (8028-48-6)** |
|---|
| Not applicable |

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

Hand protection : Protective gloves

Eye protection : Safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : Wear respiratory protection.

## SECTION 9: Physical and chemical properties

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

Physical state : Liquid

Color : Colorless to light yellow

Odor : Floral – Amber Lavender

Odor threshold : No data available

pH : No data available

Melting point : Not applicable

Freezing point : No data available

Boiling point : No data available

Flash point : 165 °F

Relative evaporation rate (butyl acetate=1) : No data available

Flammability (solid, gas) : Not applicable.

Vapor pressure : No data available

Relative vapor density at 20 °C : No data available

Relative density : No data available

Solubility : Insoluble in water. Soluble in oil. Soluble in organic solvents.

Log Pow : No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity, kinematic : < 100 $mm^2/s$

Viscosity, dynamic : < 100 cP

Explosion limits : No data available

Explosive properties : No data available

Oxidizing properties : No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

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

### 10.2. Chemical stability
Stable under normal conditions.

### 10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid
Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials
No additional information available

### 10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects
Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| **cedarwood oil, Virginia (8000-27-9)** | |
|---|---|
| LD50 oral rat | > 5000 mg/kg (Rat) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit) |

| **citral, isomer mixture (5392-40-5)** | |
|---|---|
| LD50 oral rat | 4960 mg/kg (Rat) |
| LD50 dermal rat | > 2000 mg/kg (Rat) |
| LD50 dermal rabbit | 2250 mg/kg (Rabbit) |
| ATE US (oral) | 4960 mg/kg body weight |
| ATE US (dermal) | 2250 mg/kg body weight |

| **(R)-(-)-carvone (6485-40-1)** | |
|---|---|
| LD50 oral rat | 1640 mg/kg (Rat) |
| ATE US (oral) | 1640 mg/kg body weight |
| ATE US (dermal) | 3800 mg/kg body weight |

| **2,6-dimethyl-7-octen-2-ol (18479-58-8)** | |
|---|---|
| LD50 oral rat | 3600 mg/kg (Rat) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit) |
| ATE US (oral) | 3600 mg/kg body weight |

| **trans-geranyl acetate (105-87-3)** | |
|---|---|
| LD50 oral rat | 6300 mg/kg (Rat) |
| ATE US (oral) | 6300 mg/kg body weight |

| **alpha-hexylcinnamaldehyde (101-86-0)** | |
|---|---|
| LD50 oral rat | 3100 mg/kg (Rat) |
| LD50 dermal rabbit | > 3000 mg/kg (Rabbit) |
| ATE US (oral) | 3100 mg/kg body weight |

| **linalol (78-70-6)** | |
|---|---|
| LD50 oral rat | 2790 mg/kg (Rat) |
| LD50 dermal rat | 5610 mg/kg (Rat) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit) |
| ATE US (oral) | 2790 mg/kg body weight |
| ATE US (dermal) | 5610 mg/kg body weight |

| **linalyl acetate (115-95-7)** | |
|---|---|
| LD50 oral rat | 13934 mg/kg (Rat) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit) |
| ATE US (oral) | 13934 mg/kg body weight |

| **isoeugenol (97-54-1)** | |
|---|---|
| LD50 oral rat | 1560 mg/kg (Rat) |
| ATE US (oral) | 1500 mg/kg body weight |
| ATE US (dermal) | 1912 mg/kg body weight |
| ATE US (gases) | 4500 ppmV/4h |

| **isoeugenol (97-54-1)** | |
|---|---|
| ATE US (vapors) | 11 mg/l/4h |
| ATE US (dust, mist) | 1.5 mg/l/4h |

| **labdanum oil (8016-26-0)** | |
|---|---|
| LD50 oral rat | 8980 mg/kg (Rat) |
| ATE US (oral) | 8980 mg/kg body weight |

| **oils, lavandin (8022-15-9)** | |
|---|---|
| LD50 oral rat | > 5000 mg/kg (Rat) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit) |

| **4-(4-hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde (31906-04-4)** | |
|---|---|
| LD50 oral rat | 3218 mg/kg (Rat) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit) |
| ATE US (oral) | 3218 mg/kg body weight |

| **nerol (106-25-2)** | |
|---|---|
| LD50 oral rat | 4500 mg/kg (Rat) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit) |
| ATE US (oral) | 4500 mg/kg body weight |

| **1-methoxy-4(2-propenyl)benzene (140-67-0)** | |
|---|---|
| LD50 oral rat | 1820 mg/kg (Rat) |
| ATE US (oral) | 1230 mg/kg body weight |

| **nutmeg oil (8008-45-5)** | |
|---|---|
| LD50 oral rat | 2620 mg/kg (Rat) |
| LD50 dermal rabbit | > 10000 mg/kg (Rabbit) |
| ATE US (oral) | 2620 mg/kg body weight |

| **patchouli oil (8014-09-3)** | |
|---|---|
| LD50 oral rat | > 5000 mg/kg (Rat) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit) |

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : May cause genetic defects.

Carcinogenicity : May cause cancer.

Reproductive toxicity : Not classified

STOT-single exposure : May cause damage to organs.

| **trans-geranyl acetate (105-87-3)** | |
|---|---|
| STOT-single exposure | May cause respiratory irritation. |

| **linalol (78-70-6)** | |
|---|---|
| STOT-single exposure | May cause drowsiness or dizziness. |

| **linalyl acetate (115-95-7)** | |
|---|---|
| STOT-single exposure | May cause respiratory irritation. |

| **isoeugenol (97-54-1)** | |
|---|---|
| STOT-single exposure | May cause respiratory irritation. |

| **oils, lavandin (8022-15-9)** | |
|---|---|
| STOT-single exposure | May cause damage to organs. May cause respiratory irritation. May cause drowsiness or dizziness. |

| **nerol (106-25-2)** | |
|---|---|
| STOT-single exposure | May cause respiratory irritation. |

| **Orange terpenes (8028-48-6)** | |
|---|---|
| STOT-single exposure | May cause respiratory irritation. |

STOT-repeated exposure : Not classified

| | | |
|---|---|---|
| Aspiration hazard | : | May be fatal if swallowed and enters airways. |
| Viscosity, kinematic | : | < 100 mm²/s |
| Symptoms/effects after skin contact | : | Irritation. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact | : | Eye irritation. |
| Symptoms/effects after ingestion | : | Risk of lung edema. |

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

| **citral, isomer mixture (5392-40-5)** | |
|---|---|
| LC50 fish 1 | 4.6 - 10 mg/l (LC50; 96 h) |
| EC50 Daphnia 1 | 7 mg/l (EC50; 48 h) |
| Threshold limit algae 1 | 16 mg/l (EC50; 72 h) |

| **linalol (78-70-6)** | |
|---|---|
| EC50 Daphnia 1 | 59 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilization Test; 48 h; Daphnia magna) |
| EC50 other aquatic organisms 1 | >= 100 mg/l (3 h; Activated sludge) |
| LC50 fish 2 | 27.8 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Salmo gairdneri) |
| Threshold limit algae 1 | 88.3 mg/l (EC50; 96 h) |

| **linalyl acetate (115-95-7)** | |
|---|---|
| LC50 fish 1 | 11 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Cyprinus carpio) |
| EC50 Daphnia 1 | 15 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilization Test; 48 h; Daphnia magna) |
| Threshold limit algae 1 | 16 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Scenedesmus subspicatus) |

### 12.2. Persistence and degradability

| **cedarwood oil, Virginia (8000-27-9)** | |
|---|---|
| Persistence and degradability | Biodegradability in water: no data available. |

| **citral, isomer mixture (5392-40-5)** | |
|---|---|
| Persistence and degradability | Readily biodegradable in water. Forming sediments in water. Ozonation in the air. Photodegradation in the air. |
| Biochemical oxygen demand (BOD) | 0.556 g $O_2$/g substance |
| Chemical oxygen demand (COD) | 1.99 g $O_2$/g substance |
| ThOD | 2.84 g $O_2$/g substance |

| **(R)-(-)-carvone (6485-40-1)** | |
|---|---|
| Persistence and degradability | Biodegradability in water: no data available. Ozonation in the air. Photodegradation in the air. |
| ThOD | 2.79 g $O_2$/g substance |

| **2,6-dimethyl-7-octen-2-ol (18479-58-8)** | |
|---|---|
| Persistence and degradability | Biodegradability in water: no data available. |

| **trans-geranyl acetate (105-87-3)** | |
|---|---|
| Persistence and degradability | Biodegradability in water: no data available. Forming sediments in water. |
| ThOD | 2.6 g $O_2$/g substance |

| **alpha-hexylcinnamaldehyde (101-86-0)** | |
|---|---|
| Persistence and degradability | Readily biodegradable in water. |

| **linalol (78-70-6)** | |
|---|---|
| Persistence and degradability | Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 1.531 g $O_2$/g substance |
| Chemical oxygen demand (COD) | 2.808 g $O_2$/g substance |

| **linalyl acetate (115-95-7)** | |
|---|---|
| Persistence and degradability | Readily biodegradable in water. Forming sediments in water. Adsorbs into the soil. Ozonation in the air. Photodegradation in the air. |

| **isoeugenol (97-54-1)** | |
|---|---|
| Persistence and degradability | Biodegradability in water: no data available. |

| **labdanum oil (8016-26-0)** | |
|---|---|
| Persistence and degradability | Biodegradability in water: no data available. |

| **oils, lavandin (8022-15-9)** | |
|---|---|
| Persistence and degradability | Biodegradability in water: no data available. |

| **4-(4-hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde (31906-04-4)** | |
|---|---|
| Persistence and degradability | Readily biodegradable in water. |

| **nerol (106-25-2)** | |
|---|---|
| Persistence and degradability | Biodegradability in water: no data available. |

| **1-methoxy-4(2-propenyl)benzene (140-67-0)** | |
|---|---|
| Persistence and degradability | Biodegradability in soil: no data available. |

| **nutmeg oil (8008-45-5)** | |
|---|---|
| Persistence and degradability | Biodegradability in water: no data available. |

| **patchouli oil (8014-09-3)** | |
|---|---|
| Persistence and degradability | Biodegradability in water: no data available. |

| **Orange terpenes (8028-48-6)** | |
|---|---|
| Persistence and degradability | Biodegradability in water: no data available. |

### 12.3. Bioaccumulative potential

| **cedarwood oil, Virginia (8000-27-9)** | |
|---|---|
| Bioaccumulative potential | No bioaccumulation data available. |

| **citral, isomer mixture (5392-40-5)** | |
|---|---|
| BCF other aquatic organisms 1 | 250 (BCF) |
| Log Pow | 2.76 - 3.45 (Estimated value) |
| Bioaccumulative potential | Bioaccumable. |

| **(R)-(-)-carvone (6485-40-1)** | |
|---|---|
| Bioaccumulative potential | Bioaccumable. |

| **2,6-dimethyl-7-octen-2-ol (18479-58-8)** | |
|---|---|
| Log Pow | 3.47 (Estimated value) |

| **trans-geranyl acetate (105-87-3)** | |
|---|---|
| BCF other aquatic organisms 1 | 1500 (BCF) |
| Log Pow | 4.04 (Experimental value) |

| **alpha-hexylcinnamaldehyde (101-86-0)** | |
|---|---|
| BCF other aquatic organisms 1 | 3120 (BCF) |
| Log Pow | 4.7 |
| Bioaccumulative potential | Potential for bioaccumulation (500 ≤ BCF ≤ 5000). |

| **linalol (78-70-6)** | |
|---|---|
| Log Pow | 2.84 - 3.145 |
| Bioaccumulative potential | Bioaccumable. |

| **linalyl acetate (115-95-7)** | |
|---|---|
| Log Pow | 3.93 (Experimental value) |

| **isoeugenol (97-54-1)** | |
|---|---|
| Log Pow | 3.04 |
| Bioaccumulative potential | No bioaccumulation data available. |

| **labdanum oil (8016-26-0)** | |
|---|---|
| Bioaccumulative potential | No bioaccumulation data available. |

| **oils, lavandin (8022-15-9)** | |
|---|---|
| Bioaccumulative potential | No bioaccumulation data available. |

| **4-(4-hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde (31906-04-4)** | |
|---|---|
| Bioaccumulative potential | No bioaccumulation data available. |

| **nerol (106-25-2)** | |
|---|---|
| Log Pow | 3.47 (Experimental value) |

| **1-methoxy-4(2-propenyl)benzene (140-67-0)** | |
|---|---|
| Bioaccumulative potential | No bioaccumulation data available. |

| nutmeg oil (8008-45-5) | |
|---|---|
| Bioaccumulative potential | No bioaccumulation data available. |

| patchouli oil (8014-09-3) | |
|---|---|
| Bioaccumulative potential | No bioaccumulation data available. |

| Orange terpenes (8028-48-6) | |
|---|---|
| Bioaccumulative potential | No bioaccumulation data available. |

### 12.4. Mobility in soil
No additional information available

### 12.5. Other adverse effects
No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods
Waste treatment methods : Dispose of contents and container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

**Department of Transportation (DOT)**
In accordance with DOT : Non-hazardous; not regulated.

## SECTION 15: Regulatory information

### 15.1. US Federal regulations
All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

### 15.2. International regulations
No additional information available

### 15.3. US State regulations
⚠ **WARNING:** This product can expose you to 1-methoxy-4(2-propenyl)benzene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

| Name | CAS-No. | U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | No significant risk level (NSRL) | Maximum allowable dose level (MADL) |
|---|---|---|---|---|---|---|---|
| 1-methoxy-4(2-propenyl)benzene | 140-67-0 | X | -- | -- | -- | -- | -- |

## SECTION 16: Other information
Revision date : 10/10/2019

Full text of H-phrases:

| | |
|---|---|
| H226 | Flammable liquid and vapor. |
| H227 | Combustible liquid |
| 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 |
| H319 | Causes serious eye irritation |
| H320 | Causes eye irritation |
| H332 | Harmful if inhaled |
| H335 | May cause respiratory irritation |
| H336 | May cause drowsiness or dizziness |
| H340 | May cause genetic defects |
| H341 | Suspected of causing genetic defects |
| H350 | May cause cancer |
| H371 | May cause damage to organs |
| H400 | Very toxic to aquatic life |
| H401 | Toxic to aquatic life |
| H402 | Harmful 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 |

*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.*