

# Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 4/19/2024 Version: 1.0

## **SECTION 1: Identification**

#### 1.1. Identification

Product form : Mixture

Product name : L'Eau D'Issey (Women's) Type Fragrance

Product code : 610

#### 1.2. Recommended use and restrictions on use

No additional information available

#### 1.3. Supplier

World of Aromas Inc.

1035 N. Interstate 35E, STE 217

Carrollton, TX 75006

т 469-471-8934

http://worldofaromas.com

FDA Registered # 3014919088

Texas Dept. of State Health Services Non Prescription Drug Manufacturer License # 1000372

#### 1.4. Emergency telephone number

Emergency number : INFOTRAC: 1-800-535-5053

#### **GHS US classification**

Skin sensitisation, Category 1

H317

May cause an allergic skin reaction.

Full text of H-statements: see section 16

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

#### **GHS US labelling**

Hazard pictograms (GHS US)



Signal word (GHS US) : Warning

Hazard statements (GHS US) : H317 - May cause an allergic skin reaction.

Precautionary statements (GHS US) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 - Contaminated work clothing must not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face 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.

P363 - Wash contaminated clothing before reuse.

P501 - Dispose of contents/container to hazardous or special waste collection point, in

accordance with local, regional, national and/or international regulation.

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

No additional information available

# 2.4. Unknown acute toxicity (GHS US)

No additional information available

# **SECTION 3: Composition/information on ingredients**

## 3.1. Substances

Not applicable

#### 3.2. Mixtures

| Name   | Product identifier  | %         | GHS US classification  |
|--|---------------------|-----------|--|
| benzyl benzoate  | CAS-No.: 120-51-4   | 10 – 15   | Acute Tox. 4 (Oral), H302  |
| 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone | CAS-No.: 54464-57-2 | 1 – 5     | Skin Irrit. 2, H315<br>Skin Sens. 1B, H317                       |
| dl-Citronellol   | CAS-No.: 106-22-9   | 1 – 5     | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317 |
| alpha-methyl-1,3-benzodioxole-5-propanal                                 | CAS-No.: 1205-17-0  | 1 – 5     | Skin Sens. 1B, H317  |
| geraniol   | CAS-No.: 106-24-1   | 0.1 – 0.5 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317  |

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 : If you feel unwell, seek medical advice.

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.

First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after inhalation : Although no appropriate human or animal health effects data are known to exist, this material is

expected to be an inhalation hazard.

Symptoms/effects after skin contact : None under normal conditions. Symptoms/effects after eye contact : None under normal conditions. Symptoms/effects after ingestion : None under normal conditions.

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

Treat symptomatically.

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#### **SECTION 5: Fire-fighting measures**

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

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

Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Specific hazards arising from the chemical

Fire hazard : No fire hazard.

Explosion hazard : No direct explosion hazard. Hazardous decomposition products in case of fire : Toxic fumes may be released.

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

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper

protective equipment, including respiratory protection.

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

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb

spillage to prevent material damage.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area.

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".

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

#### 6.2. Environmental precautions

Avoid release to the environment.

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

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent

migration and entry into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up : Take up liquid spill into absorbent material.

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

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the

product.

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

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Keep cool. Protect from sunlight.

Packaging materials : Store always product in container of same material as original container.

# **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

No additional information available

#### 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

#### Personal protective equipment:

Wear recommended personal protective equipment.

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

# Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### Personal protective equipment symbol(s):







# **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Mixture contains one or more component(s) which have the following colour(s):

White Colourless Colourless to yellow Colourless to light yellow Yellow

Odour : There may be no odour warning properties, odour is subjective and inadequate to warn of

overexposure.

Mixture contains one or more component(s) which have the following odour:

Mild odour Pleasant odour Aromatic odour Characteristic odour Strong odour Floral odour Sweet

odour

Odour threshold : No data available pH : No data available Melting point : Not applicable Freezing point : No data available

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Boiling point : No data available : > 200 °F Flash point Relative evaporation rate (butylacetate=1) : No data available Flammability (solid, gas) : Not applicable. Vapour pressure : No data available Relative vapour density at 20°C : No data available No data available Relative density No data available Solubility Partition coefficient n-octanol/water (Log Pow) No data available Auto-ignition temperature No data available No data available Decomposition temperature : No data available Viscosity, kinematic : No data available Viscosity, dynamic **Explosive limits** : No data available

## 9.2. Other information

Explosive properties

Oxidising properties

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

None under recommended storage and handling conditions (see section 7).

#### 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.

: No data available

No data available

#### **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

| benzyl benzoate (120-51-4) |  |
|----------------------------|--|
| LD50 oral rat              | > 2000 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LD50 oral                  | 1160 mg/kg bodyweight  |

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| benzyl benzoate (120-51-4)                   |   |
|--|---|
| LD50 dermal rabbit                           | > 2000 mg/kg bw/day (Modification of Draize 1959 method, 4 h, Rabbit, Experimental value, Dermal)                       |
| ATE US (oral)                                | 1500 mg/kg bodyweight   |
| ATE US (dermal)                              | 4000 mg/kg bodyweight   |
| alpha-methyl-1,3-benzodioxole-5-propanal (12 | 205-17-0)   |
| LD50 oral rat                                | 3362 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Female, Experimental value, Oral, 14 day(s))             |
| LD50 oral                                    | 3562 mg/kg bodyweight   |
| LD50 dermal rabbit                           | > 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, Rabbit, Male / female, Experimental value, Dermal, 14 day(s)) |
| ATE US (oral)                                | 3362 mg/kg bodyweight   |
| dl-Citronellol (106-22-9)                    |   |
| LD50 oral rat                                | 3450 mg/kg (Rat, Inconclusive, insufficient data, Oral)   |
| LD50 oral                                    | 3450 mg/kg bodyweight   |
| LD50 dermal rabbit                           | 2650 mg/kg (Rabbit, Inconclusive, insufficient data, Dermal)  |
| LD50 dermal                                  | 2650 mg/kg bodyweight   |
| ATE US (oral)                                | 3450 mg/kg bodyweight   |
| ATE US (dermal)                              | 2650 mg/kg bodyweight   |
| geraniol (106-24-1)                          |   |
| LD50 oral rat                                | 3600 mg/kg bodyweight (Rat, Male / female, Experimental value, Oral, 14 day(s))   |
| LD50 dermal rabbit                           | > 5000 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s))  |
| ATE US (oral)                                | 3600 mg/kg bodyweight   |
| Skin corrosion/irritation :                  | Not classified  |
| benzyl benzoate (120-51-4)                   |   |
| pH   | 4.5 (1.5 %, 20 °C)  |
| alpha-methyl-1,3-benzodioxole-5-propanal (12 | 205-17-0)   |
| рН   | No data available in the literature   |
| dl-Citronellol (106-22-9)                    |   |
| рН   | No data available in the literature   |
| geraniol (106-24-1)                          |   |
| рН   | No data available in the literature   |
| Serious eye damage/irritation :              | Not classified  |
| benzyl benzoate (120-51-4)                   |   |
| pН   | 4.5 (1.5 %, 20 °C)  |
| alpha-methyl-1,3-benzodioxole-5-propanal (12 | 205-17-0)   |
| рН   | No data available in the literature   |

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| dl-Citronellol (106-22-9)                   |   |
|---|---|
| рН  | No data available in the literature   |
| geraniol (106-24-1)                         |   |
| рН  | No data available in the literature   |
| Respiratory or skin sensitisation           | : May cause an allergic skin reaction.  |
| Germ cell mutagenicity                      | : Not classified  |
| Carcinogenicity                             | : Not classified  |
| geraniol (106-24-1)                         |   |
| NOAEL (chronic, oral, animal/male, 2 years) | 60 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies), Remarks on results: other:Effect type: toxicity (migrated information)  |
| Reproductive toxicity                       | : Not classified  |
| STOT-single exposure                        | : Not classified  |
| STOT-repeated exposure                      | : Not classified  |
| benzyl benzoate (120-51-4)                  |   |
| NOAEL (dermal, rat/rabbit, 90 days)         | 781 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 410 (Repeated Dose Dermal Toxicity: 21/28-Day Study)  |
| dl-Citronellol (106-22-9)                   |   |
| NOAEL (oral, rat, 90 days)                  | 2000 mg/kg bodyweight Animal: rat, Guideline: other:Specifications for the Conduct of Studies to Evaluate the Toxic and Carcinogenic Potential of Chemical, Biological, and Physical Agents in Laboratory Animals for the National Toxicology Program (NTP) |
| geraniol (106-24-1)                         |   |
| NOAEL (dermal, rat/rabbit, 90 days)         | 300 mg/kg bodyweight Animal: rat, Guideline: other:OECD Guideline 421 (Reproduction/Developmental Toxicity Screening test), Guideline: other:EPA OPPTS 870.3550 (Reproduction/Developmental Toxicity Screening Test)  |
| Aspiration hazard<br>Viscosity, kinematic   | Not classified     No data available  |
| benzyl benzoate (120-51-4)                  |   |
| Viscosity, kinematic                        | No data available in the literature   |
| alpha-methyl-1,3-benzodioxole-5-propanal    | (1205-17-0)   |
| Viscosity, kinematic                        | No data available in the literature   |
| dl-Citronellol (106-22-9)                   |   |
| Viscosity, kinematic                        | No data available in the literature   |
| geraniol (106-24-1)                         |   |
| Viscosity, kinematic                        | No data available in the literature   |
| Symptoms/effects after inhalation           | : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.   |
| Symptoms/effects after skin contact         | : None under normal conditions.   |
| Symptoms/effects after eye contact          | : None under normal conditions.   |
| Symptoms/effects after ingestion            | : None under normal conditions.   |

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# SECTION 12: Ecological information

| SECTION 12: Ecological informatio          | '''  |
|--|--|
| 12.1. Toxicity                             |  |
| Ecology - general                          | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.  |
| benzyl benzoate (120-51-4)                 |  |
| LC50 - Fish [1]                            | 2.32 mg/l (EU Method C.1, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, GLP)   |
| EC50 - Crustacea [1]                       | 3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)                          |
| 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetra | amethyl-2-naphthalenyl)ethanone (54464-57-2)   |
| LC50 - Fish [1]                            | 0.258 mg/l Source: ECOSAR  |
| EC50 96h - Algae [1]                       | 0.487 mg/l Source: ECOSAR  |
| alpha-methyl-1,3-benzodioxole-5-propa      | nal (1205-17-0)  |
| LC50 - Fish [1]                            | 5.3 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, GLP)                            |
| EC50 - Crustacea [1]                       | 8.3 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)              |
| EC50 72h - Algae [1]                       | 28 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)                        |
| EC50 72h - Algae [2]                       | 14 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)                        |
| EC50 96h - Algae [1]                       | 14.359 mg/l Source: EPISUITE   |
| ErC50 algae                                | 28 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration) |
| dl-Citronellol (106-22-9)                  |  |
| LC50 - Fish [1]                            | 14.66 mg/l (DIN 38412-15, 96 h, Leuciscus idus, Static system, Fresh water, Experimental value)  |
| EC50 - Crustacea [1]                       | 17.48 mg/l (48 h, Daphnia magna, Static system, Fresh water, Experimental value)   |
| EC50 72h - Algae [1]                       | 2.4 mg/l (Static system, Fresh water, Experimental value)  |
| EC50 96h - Algae [1]                       | 3.231 mg/l Source: Ecological Structure Activity Relationships   |
| geraniol (106-24-1)                        |  |
| LC50 - Fish [1]                            | 22 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Static system, Fresh water, Experimental value, GLP)  |
| EC50 - Crustacea [1]                       | 10.8 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)             |
| EC50 72h - Algae [1]                       | 13.1 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)   |
| ErC50 algae                                | 13.1 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)       |

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# 12.2. Persistence and degradability

| L'Eau D'Issey (Women's) Type Fragrance  |                                     |  |
|---|-------------------------------------|--|
| Persistence and degradability   | Rapidly degradable                  |  |
| benzyl benzoate (120-51-4)  |                                     |  |
| Persistence and degradability   | Readily biodegradable in water.     |  |
| 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2) |                                     |  |
| Persistence and degradability   | Rapidly degradable                  |  |
| alpha-methyl-1,3-benzodioxole-5-propanal (1205-17-0)                                  |                                     |  |
| Persistence and degradability   | Not readily biodegradable in water. |  |
| dl-Citronellol (106-22-9)   |                                     |  |
| Persistence and degradability   | Readily biodegradable in water.     |  |
| Chemical oxygen demand (COD)  | 2.05 g O /g substance               |  |
| ThOD  | 2.961 g O /g substance              |  |
| geraniol (106-24-1)   |                                     |  |
| Persistence and degradability   | Readily biodegradable in water.     |  |

# 12.3. Bioaccumulative potential

| benzyl benzoate (120-51-4)  |   |  |
|---|---|--|
| BCF - Fish [1]  | 193.4 l/kg (BCFBAF v3.01, Pisces, Calculated value)   |  |
| Partition coefficient n-octanol/water (Log Pow)                                       | 3.97 (Experimental value, 25 °C)  |  |
| Bioaccumulative potential   | Low potential for bioaccumulation (Log Kow < 4).  |  |
| 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2) |   |  |
| Partition coefficient n-octanol/water (Log Pow)                                       | 5.18 Source: Episuite   |  |
| alpha-methyl-1,3-benzodioxole-5-propanal (12  | 205-17-0)   |  |
| Partition coefficient n-octanol/water (Log Pow)                                       | 2.4 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C) |  |
| Bioaccumulative potential   | Low potential for bioaccumulation (Log Kow < 4).  |  |
| dl-Citronellol (106-22-9)   |   |  |
| BCF - Fish [1]  | 82.59 l/kg (BCFBAF v3.00, Estimated value)  |  |
| Partition coefficient n-octanol/water (Log Pow)                                       | 3.41 (Practical experience/observation, EU Method A.8: Partition Coefficient, 25 °C)            |  |
| Bioaccumulative potential   | Low potential for bioaccumulation (BCF < 500).  |  |
| geraniol (106-24-1)   |   |  |
| Partition coefficient n-octanol/water (Log Pow)                                       | 2.6 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C) |  |
| Bioaccumulative potential   | Low potential for bioaccumulation (Log Kow < 4).  |  |

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## 12.4. Mobility in soil

| (Log Koc)  Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)  Ecology - soil  Low potential for mobility in soil.  alpha-methyl-1,3-benzodioxole-5-propanal (1205-17-0)  Mobility in soil  157 Source: EPISUITE  Organic Carbon Normalized Adsorption Coefficient  1.85 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on   |  |   |
|--|--|---|
| Organic Carbon Normalized Adsorption Coefficient (Log Koc)  3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewag Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)  Ecology - soil  Low potential for mobility in soil.  alpha-methyl-1,3-benzodioxole-5-propanal (1205-17-0)  Mobility in soil  157 Source: EPISUITE  Organic Carbon Normalized Adsorption Coefficient (Log Koc)  1.85 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value GLP)  Ecology - soil  Highly mobile in soil.  dl-Citronellol (106-22-9)  Mobility in soil  70.79 Source: Quantitative Structure Activity Relation  Organic Carbon Normalized Adsorption Coefficient 1.85 (log Koc, EPIWIN 2.00, Estimated value)   | benzyl benzoate (120-51-4)                   |   |
| Clog Koc    Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)   | Surface tension                              | 27 mN/m (210 °C)  |
| alpha-methyl-1,3-benzodioxole-5-propanal (1205-17-0)  Mobility in soil   | ,  | 3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP) |
| Mobility in soil  157 Source: EPISUITE  Organic Carbon Normalized Adsorption Coefficient (Log Koc)  1.85 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value (GLP)  Ecology - soil  Highly mobile in soil.  dI-Citronellol (106-22-9)  Mobility in soil  70.79 Source: Quantitative Structure Activity Relation  Organic Carbon Normalized Adsorption Coefficient  1.85 (log Koc, EPIWIN 2.00, Estimated value)  | Ecology - soil                               | Low potential for mobility in soil.   |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc)  1.85 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value GLP)  Ecology - soil  Highly mobile in soil.  dl-Citronellol (106-22-9)  Mobility in soil  70.79 Source: Quantitative Structure Activity Relation  Organic Carbon Normalized Adsorption Coefficient  1.85 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value GLP)  Tolda (Companion Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value GLP)  Tolda (Coefficient Coefficient Coef | alpha-methyl-1,3-benzodioxole-5-propanal (12 | 205-17-0)   |
| (Log Koc)  Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value GLP)  Ecology - soil  Highly mobile in soil.  dI-Citronellol (106-22-9)  Mobility in soil  70.79 Source: Quantitative Structure Activity Relation  Organic Carbon Normalized Adsorption Coefficient  1.85 (log Koc, EPIWIN 2.00, Estimated value)   | Mobility in soil                             | 157 Source: EPISUITE  |
| dI-Citronellol (106-22-9)  Mobility in soil  Organic Carbon Normalized Adsorption Coefficient  1.85 (log Koc, EPIWIN 2.00, Estimated value)  | (Log Koc)                                    | Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value,  |
| Mobility in soil 70.79 Source: Quantitative Structure Activity Relation  Organic Carbon Normalized Adsorption Coefficient 1.85 (log Koc, EPIWIN 2.00, Estimated value)   | Ecology - soil                               | Highly mobile in soil.  |
| Organic Carbon Normalized Adsorption Coefficient 1.85 (log Koc, EPIWIN 2.00, Estimated value)  | dl-Citronellol (106-22-9)                    |   |
|  | Mobility in soil                             | 70.79 Source: Quantitative Structure Activity Relation  |
|  | ,  | 1.85 (log Koc, EPIWIN 2.00, Estimated value)  |
| Ecology - soil Highly mobile in soil.  | Ecology - soil                               | Highly mobile in soil.  |
| geraniol (106-24-1)  | geraniol (106-24-1)                          |   |
| Surface tension No data available in the literature  | Surface tension                              | No data available in the literature   |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc)  1.85 (log Koc, PCKOCWIN v1.66, Calculated value)   | ,  | 1.85 (log Koc, PCKOCWIN v1.66, Calculated value)  |
| Ecology - soil Highly mobile in soil.  | Ecology - soil                               | Highly mobile in soil.  |

## 12.5. Other adverse effects

No additional information available

# **SECTION 13: Disposal considerations**

# 13.1. Disposal methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Disposal must be done according to official regulations. Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

Additional information : Do not re-use empty containers.

# **SECTION 14: Transport information**

## 14.1. UN number

DOT NA No : Not applicable UN-No. (TDG) : Not applicable UN-No. (IMDG) : Not applicable UN-No. (IATA) : Not applicable

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# 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not applicable
Proper Shipping Name (TDG) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable

## 14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (DOT) : Not applicable

**TDG** 

Transport hazard class(es) (TDG) : Not applicable

**IMDG** 

Transport hazard class(es) (IMDG) : Not applicable

**IATA** 

Transport hazard class(es) (IATA) : Not applicable

#### 14.4. Packing group

Packing group (DOT) : Not applicable
Packing group (TDG) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

#### 14.5. Environmental hazards

Other information : No supplementary information available.

#### 14.6. Special precautions for user

DOT

Not applicable

**TDG** 

Not applicable

**IMDG** 

Not applicable

IATA

Not applicable

# 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## **SECTION 15: Regulatory information**

## 15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

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## 15.2. International regulations

#### **CANADA**

#### benzyl benzoate (120-51-4)

Listed on the Canadian DSL (Domestic Substances List)

# 1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone (54464-57-2)

Listed on the Canadian DSL (Domestic Substances List)

## alpha-methyl-1,3-benzodioxole-5-propanal (1205-17-0)

Listed on the Canadian DSL (Domestic Substances List)

#### dl-Citronellol (106-22-9)

Listed on the Canadian DSL (Domestic Substances List)

#### geraniol (106-24-1)

Listed on the Canadian DSL (Domestic Substances List)

#### **EU-Regulations**

No additional information available

#### **National regulations**

No additional information available

#### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

#### **SECTION 16: Other information**

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| Full text of H-statements |                                      |
|---------------------------|--------------------------------------|
| H302                      | Harmful if swallowed.                |
| H315                      | Causes skin irritation.              |
| H317                      | May cause an allergic skin reaction. |
| H319                      | Causes serious eye irritation.       |

Safety Data Sheet (SDS), USA

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.