

**SAFETY DATA SHEET**

Aroma wax Lemongrass Sachet  
SILVA Soy wax candle with Lemongrass scent  
Soy wax tealight candles with Lemongrass scent

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

|                      |  |
|----------------------|--|
| <b>Product name:</b> | Aroma wax Lemongrass Sachet<br>SILVA Soy wax candle with Lemongrass scent<br>Soy wax tealight candles with Lemongrass scent  |
| <b>UFI:</b>          | Not required. The mixture is not classified as hazardous on the basis of their health or physical effects, and it does not need to be notified to the European Chemicals Agency (ECHA) Toxicology Center in accordance with Article 45 of CLP (1272/2008) and Section 3.1 of Annex VIII. |
| <b>Product type:</b> | Solid (Candles).   |

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Identified uses**

Air care, continuous action.  
Consumer Use.

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

|                      |  |
|----------------------|--|
| <b>Manufacturer:</b> | <b>TL Candles, SIA</b><br>Legal address: Maijrozu iela 1, Sunisi, Garkalnes pag. Ropazu nov., LV-2137, Latvia<br>Business address: Laboratorijas 4, Riga, LV-1009, Latvia<br>Phone: +371 26111606<br>E-mail: info@tlcandles.eu<br>Web page: www.tlcandles.eu |
|----------------------|--|

**1.4. Emergency telephone number**

|  |   |
|--|---|
|  | Rescue Service: <b>112</b><br>To be filled by local business. |
|--|---|

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

|                            |         |
|----------------------------|---------|
| <b>Product definition:</b> | Mixture |
|----------------------------|---------|

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

Not classified.

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.  
See Section 11 and 12 for more detailed information on health effects and symptoms, and environmental impact.

**2.2. Label elements****According to Regulation (EC) No. 1272/2008 [CLP]**

|                                  |  |
|----------------------------------|--|
| <b>Hazard pictograms</b>         | Not applicable.  |
| <b>Signal word:</b>              | No signal word.  |
| <b>Hazard statements</b>         | No known significant effects or critical hazards.  |
| <b>Precautionary statements:</b> |  |
| <b>General</b>                   | Keep out of reach of children. If medical advice is needed, have product container or label at hand. |
| <b>Prevention</b>                | Wash hands thoroughly after handling.  |

|  |            |                                |   |                     |        |
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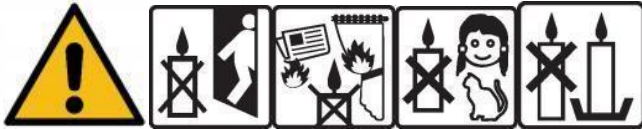
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|                                    |  |
|------------------------------------|--|
| <b>Response</b>                    | If skin irritation occurs: Get medical advice/ attention.                          |
| <b>Storage</b>                     | Not applicable.  |
| <b>Disposal</b>                    | Not applicable.  |
| <b>Hazardous ingredients</b>       | Not applicable.  |
| <b>Supplemental label elements</b> | EUH208 Contains D-Limonene; Citral; Citronellal. May produce an allergic reaction. |

**Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles**

None

**Special packaging requirements:**

|   |  |
|---|--|
| <b>Containers to be fitted with child-resistant fastenings:</b> | Not applicable.  |
| <b>Tactile warning of danger (Δ):</b>                           | Not applicable.  |
| <b>2.3. Other hazards</b>                                       |  |
| <b>Other hazards which do not result in classification:</b>     | <p><b>For candles (EN 15494:2019), minimum height: 5mm</b></p>    |
|   | <p><b>Recommended phrase:</b><br/>         People suffering from perfume sensitivity should be cautious when using this product. Air Fresheners do not replace good hygiene practices.</p> |

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

| <b>3.2. Mixtures</b>                  | A mixture of vegetable wax, non-hazardous additives and fragrances, and the hazardous additives and fragrances listed below. |           |              |           |   |         |
|---------------------------------------|--|-----------|--------------|-----------|---|---------|
| SUBSTANCE NAME                        | CAS NO.  | EC NO.    | INDEX NO.    | CONC. (%) | CLASSIFICATION IN ACCORDANCE REGULATION 1272/2008 / EC (CLP)  | TYPE    |
| (R)-p-mentha-1,8-diene;<br>d-limonene | 5989-27-5  | 227-813-5 | 601-096-00-2 | 0.1-<1.0% | Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Aquatic Acute 1, H400<br>Aquatic Chronic 3, H412 | [1] [2] |
| Citral                                | 5392-40-5  | 226-394-6 | 605-019-00-3 | 0.1-<1.0% | Skin Irrit. 2, H315<br>Skin Sens. 1, H317   | [1]     |
| Citronellal                           | 106-23-0   | 203-376-6 | -            | 0.01-0.5% | Skin Irrit. 2, H315<br>Skin Sens. 1B, H317<br>Eye Irrit. 2, H319  | [1]     |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

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**SILVA Soy wax candle with Lemongrass scent**  
**Soy wax tealight candles with Lemongrass scent**

REACH Registration: In accordance with Regulation (EC) No. 1907/2006 of the European Parliament and of the Council. Point 9 of ANNEX V to Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) exempts vegetable waxes from registration.

**Types:**

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] The substance is included in the SEVESO Directive.

**SECTION 4: First aid measures****4.1. Description of first aid measures**

|                                   |   |
|-----------------------------------|---|
| <b>Eye contact:</b>               | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.   |
| <b>Inhalation:</b>                | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.   |
| <b>Skin contact:</b>              | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.  |
| <b>Ingestion:</b>                 | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| <b>Protection of first-aiders</b> | No action shall be taken involving any personal risk or without suitable training.  |

**4.2. Most important symptoms and effects, both acute and delayed****Over-exposure signs/symptoms:**

|                      |  |
|----------------------|--|
| <b>Eye contact:</b>  | No specific data.                      |
| <b>Inhalation:</b>   | No specific data.                      |
| <b>Skin contact:</b> | May cause irritation or sensitization. |
| <b>Ingestion:</b>    | No specific data.                      |

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

|                                       |   |
|---------------------------------------|---|
| <b>Notes to physician</b>             | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| <b>Unsuitable extinguishing media</b> | No specific treatment.  |

**SECTION 5: Firefighting measures**

|   |   |
|---|---|
| <b>5.1. Extinguishing media</b>                                   |   |
| <b>Suitable extinguishing media:</b>                              | Use an extinguishing agent suitable for the surrounding fire. |
| <b>Unsuitable extinguishing media:</b>                            | None known.   |
| <b>5.2. Special hazards arising from the substance or mixture</b> |   |
| <b>Hazards from the</b>   | In fire decomposition products may be produced.               |

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**Soy wax tealight candles with Lemongrass scent**

|   |   |
|---|---|
| <b>substance or mixture:</b>  |   |
| <b>Hazardous combustion products:</b>   | No specific data.   |
| <b>5.3. Advice for firefighters</b>   |   |
| <b>Special protective actions for fire-fighters:</b>                            | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.   |
| <b>Special protective equipment for fire-fighters:</b>                          | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |
| <b>SECTION 6: Accidental release measures</b>                                   |   |
| <b>6.1. Personal precautions, protective equipment and emergency procedures</b> |   |
| <b>For non-emergency personnel:</b>   | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.   |
| <b>For emergency responders:</b>  | If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".   |
| <b>6.2. Environmental precautions</b>   |   |
|   | Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).   |
| <b>6.3. Methods and material for containment and cleaning up</b>                |   |
| <b>Small spill</b>  | Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.   |
| <b>Large spill</b>  | Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.  |
| <b>6.4. Reference to other sections</b>   |   |
|   | See Section 1 for emergency contact information.<br>See Section 8 for information on appropriate personal protective equipment.<br>See Section 13 for additional waste treatment information.   |
| <b>SECTION 7: Handling and storage</b>  |   |
| The information in this section contains generic advice and guidance.           |   |
| <b>7.1. Precautions for safe handling</b>                                       |   |
| <b>Protective measures</b>  | Put on appropriate personal protective equipment (see Section 8).   |
| <b>Advice on general occupational hygiene</b>                                   | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.         |
| <b>7.2. Conditions for safe storage, including any incompatibilities</b>        |   |

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**Soy wax tealight candles with Lemongrass scent**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**7.3. Specific end use(s)**

|   |   |
|---|---|
| <b>Recommendations</b>                        | Air care, continuous action<br>Consumer Use |
| <b>Industrial sector specific : solutions</b> | Not available.                              |

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

The information in this section contains generic advice and guidance.

**8.1. Control parameters****Occupational exposure limits (OEL):****ES: Indicative Occupational Exposure Limit Values (IOELV):**

| Substance              | OEL mg/m <sup>3</sup><br>(8 h) | OEL ppm (ml/m <sup>3</sup> ) (8 h) | OEL mg/m <sup>3</sup><br>(15 min) | OEL ppm (ml/m <sup>3</sup> )<br>(15 min) |
|------------------------|--------------------------------|------------------------------------|-----------------------------------|--|
| Values not established | -                              | -                                  | -                                 | -  |

**Latvia (AER, reg. 325/2011):**

| Substance              | OEL mg/m <sup>3</sup><br>(8 h) | OEL ppm (ml/m <sup>3</sup> ) (8 h) | OEL mg/m <sup>3</sup><br>(15 min) | OEL ppm (ml/m <sup>3</sup> )<br>(15 min) |
|------------------------|--------------------------------|------------------------------------|-----------------------------------|--|
| Values not established | -                              | -                                  | -                                 | -  |

**Germany (TRGS 900):**

| Substance  | OEL mg/m <sup>3</sup><br>(8 h) | OEL ppm (ml/m <sup>3</sup> ) (8 h) | OEL mg/m <sup>3</sup><br>(15 min) | OEL ppm (ml/m <sup>3</sup> )<br>(15 min) |
|------------|--------------------------------|------------------------------------|-----------------------------------|--|
| d-Limonene | <b>28</b>                      | <b>5</b>                           | -                                 | -  |

**United Kingdom (EH40/2005):**

| Substance              | OEL mg/m <sup>3</sup><br>(8 h) | OEL ppm (ml/m <sup>3</sup> ) (8 h) | OEL mg/m <sup>3</sup><br>(15 min) | OEL ppm (ml/m <sup>3</sup> )<br>(15 min) |
|------------------------|--------------------------------|------------------------------------|-----------------------------------|--|
| Values not established | -                              | -                                  | -                                 | -  |

**8.2. Exposure controls**

|  |  |
|--|--|
| <b>Appropriate engineering Controls:</b> | Good general ventilation should be sufficient to control worker exposure to airborne contaminants. |
|--|--|

**Individual protection measures, such as personal protective equipment:**

|                            |   |
|----------------------------|---|
| <b>Hygiene measures</b>    | Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. |
| <b>Eye/face protection</b> | Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.                                 |
| <b>Skin protection</b>     |   |

|  |            |                                |   |                     |        |
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|  |  |
|--|--|
| <b>Hand protection</b>                 | Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical product if a risk assessment indicates this is necessary.<br>Check during use, that the gloves still provide the level of protection specified by the manufacturer. It should be noted that the time to breakthrough for gloves of the same material may differ from manufacturer to manufacturer. In case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. |
| <b>Body protection</b>                 | Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.  |
| <b>Other skin protection</b>           | Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.  |
| <b>Respiratory protection</b>          | Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.   |
| <b>Environmental exposure controls</b> | Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.<br>In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.  |

## SECTION 9: Physical and chemical properties

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

|  |  |
|--|--|
| <b>Appearance:</b>                                   |  |
| <b>Physical state:</b>                               | Solid. [Candles]   |
| <b>Color:</b>  | White.   |
| <b>Odor:</b>   | Lemongrass with notes of citronella and Litsea Cubeba.                                 |
| <b>Odor threshold:</b>                               | Not available.   |
| <b>pH:</b>   | Not available.   |
| <b>Melting point/freezing point:</b>                 | ~50°C  |
| <b>Initial boiling point:</b>                        | Not available.   |
| <b>Flash point:</b>                                  | > 150 °C (ASTM D92, COC)   |
| <b>Evaporation rate:</b>                             | Not available.   |
| <b>Flammability (solid, gas)</b>                     | May ignite at high temperatures.   |
| <b>Upper/lower flammability or explosive limits:</b> | Not available.   |
| <b>Vapor pressure:</b>                               | Insignificant.   |
| <b>Vapor density:</b>                                | Not available.   |
| <b>Relative density at 15 °C:</b>                    | 0.89 – 0.92  |
| <b>Solubility(ies):</b>                              | Water: <1 mg/L<br>Other solvents: Pet ether, ethyl acetate, soluble in vegetable oils. |
| <b>Partition coefficient: N-octanol/<br/>Water:</b>  | Not available.   |
| <b>Decomposition temperature</b>                     | Not available.   |

|  |            |                                |   |                 |     |        |
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**SILVA Soy wax candle with Lemongrass scent**  
**Soy wax tealight candles with Lemongrass scent**

|                                   |                |
|-----------------------------------|----------------|
| <b>Viscosity</b>                  | Not available. |
| <b>Self-ignition temperature:</b> | >200 °C        |
| <b>Explosive properties</b>       | Not available. |
| <b>Oxidizing properties</b>       | Not available. |
| <b>9.2. Other information</b>     |                |
| <b>Self-ignition temperature:</b> | Not available. |
|                                   |                |

## SECTION 10: Stability and reactivity

|  |  |
|--|--|
| <b>10.1. Reactivity</b>                        | No specific test data related to reactivity available for this product or its ingredients.                       |
| <b>10.2. Chemical stability</b>                | The product is stable.   |
| <b>10.3 Possibility of hazardous reactions</b> | Under normal conditions of storage and use, hazardous reactions will not occur.                                  |
| <b>10.4. Conditions to avoid</b>               | Extreme temperatures (Very high or very low) - Preferred storage temperature from 5 to 39 ° C.                   |
| <b>10.5. Incompatible materials</b>            | May react with strong Oxidising agents (eg Chlorates, Peroxides).  |
| <b>10.6. Hazardous decomposition products</b>  | Thermal decomposition or incomplete combustion may produce carbon monoxide, nitrogen gases and irritating fumes. |

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

|                                    |   |                |                            |                   |                                     |
|------------------------------------|---|----------------|----------------------------|-------------------|-------------------------------------|
| <b>Acute toxicity</b>              |   |                |                            |                   |                                     |
| <b>Conclusion/Summary:</b>         | Based on available data, the classification criteria are not met. |                |                            |                   |                                     |
| <b>Product/ Ingredient name</b>    | <b>Result</b>   | <b>Species</b> | <b>Dose</b>                | <b>Exposure</b>   |                                     |
| d-limonene                         | LD50 Oral   | Rat            | > 5000 mg/kg bw            | -                 |                                     |
|                                    | LD50 Dermal   | Rat            | > 2000 mg/kg bw.           | -                 |                                     |
| Citral                             | LD50 Oral   | Rat            | apt. 6 800 mg/kg bw        | -                 |                                     |
|                                    | LD50 Dermal   | Rat            | > 2 000 mg/kg bw           | -                 |                                     |
| Citronellal                        | LD50 Oral   | Rat            | ca. 2 423 mg/kg bw         | -                 |                                     |
|                                    | LD50 Dermal   | Rabbit         | > 2 500 - < 5 000 mg/kg bw | -                 |                                     |
| <b>Skin irritation / corrosion</b> |   |                |                            |                   |                                     |
| <b>Conclusion/Summary:</b>         | Based on available data, the classification criteria are not met. |                |                            |                   |                                     |
| <b>Product/ Ingredient name</b>    | <b>Result</b>   | <b>Species</b> | <b>Dose</b>                | <b>Exposure</b>   |                                     |
| d-limonene                         | Skin – Irritating   | Rabbit         | 0.5 mL                     | 4 h               |                                     |
| Citral                             | Skin – Irritating   | Rabbit         | -                          | 4 h               |                                     |
| Citronellal                        | Skin – Irritating   | Rabbit         | 0.5 mL                     | 24 h              |                                     |
| <b>Product/ Ingredient name</b>    | <b>Irritation / corrosion parameter:</b>                          | <b>Time</b>    | <b>Value</b>               | <b>Max values</b> | <b>Reversibility</b>                |
| d-limonene                         | erythema score  | 24/48/72 h     | 2                          | 4                 | Not fully reversible: within 7 days |

|  |            |                                |   |                     |        |
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**SILVA Soy wax candle with Lemongrass scent**  
**Soy wax tealight candles with Lemongrass scent**

|  |  |                |   |                   |                                     |
|--|--|----------------|---|-------------------|-------------------------------------|
|  | edema score  | 24/48/72 h     | 1.33 - 2  | 4                 | Not fully reversible: within 7 days |
| Citral   | erythema score   | 24/48 h        | 2.33  | 4                 | Not fully reversible: within 8 days |
|  | edema score  | 24/48 h        | 2.42  | 4                 | Not fully reversible: within 8 days |
| Citronellal  | erythema score   | 24/48/72 h     | 2.21  | 4                 | Not fully reversible: within 8 days |
|  | edema score  | 24/48/72 h     | 2.05  | 4                 | Fully reversible: within 8 days     |
| <b>Eye irritation / corrosion</b>  |  |                |   |                   |                                     |
| <b>Conclusion/Summary:</b> Based on available data, the classification criteria are not met. |  |                |   |                   |                                     |
| <b>Product/ Ingredient name</b>  | <b>Result</b>  | <b>Species</b> |   | <b>Dose</b>       | <b>Exposure</b>                     |
| Citronellal  | Eyes – Irritating  | Rabbit         |   | 0.1 mL            | Single application                  |
| <b>Product/ Ingredient name</b>  | <b>Irritation / corrosion parameter:</b>                               | <b>Time</b>    | <b>Value</b>  | <b>Max values</b> | <b>Reversibility</b>                |
| Citronellal  | cornea opacity score   | 24/48/72 h     | 0   | 4                 | -                                   |
|  | iris score   | 24/48/72 h     | 0.1   | 2                 | Fully reversible within: 48 hours   |
|  | conjunctivae score   | 24/48/72 h     | 1.1   | 3                 | Not fully reversible: within 8 days |
|  | chemosis score   | 24/48/72 h     | 0.2   | 4                 | Fully reversible within: 48 hours   |
| <b>Respiratory or skin sensitization</b>   |  |                |   |                   |                                     |
| <b>Conclusion/Summary:</b>   |  |                |   |                   |                                     |
| <b>Skin:</b>   | Product is not classified. EUH208 may be applicable (see section 2.2.) |                |   |                   |                                     |
| <b>Product/ Ingredient name</b>  | <b>Effect</b>  | <b>Species</b> | <b>Guidelines</b>   |                   |                                     |
| d-limonene   | Sensitizing to skin  | Mouse          | OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay) |                   |                                     |
| Citral   | Sensitizing to skin  | Mouse          | OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay) |                   |                                     |
| Citronellal  | Sensitizing to skin  | Mouse          | OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay) |                   |                                     |
| <b>Respiratory:</b>  | Based on available data, the classification criteria are not met.      |                |   |                   |                                     |
| <b>Germ cell mutagenicity</b>  |  |                |   |                   |                                     |
| <b>Conclusion/Summary:</b>   | Based on available data, the classification criteria are not met.      |                |   |                   |                                     |
| <b>Carcinogenicity</b>   |  |                |   |                   |                                     |
| <b>Conclusion/Summary:</b>   | Based on available data, the classification criteria are not met.      |                |   |                   |                                     |
| <b>Reproductive toxicity</b>   |  |                |   |                   |                                     |
| <b>Conclusion/Summary:</b>   | Based on available data, the classification criteria are not met.      |                |   |                   |                                     |
| <b>Teratogenicity</b>  |  |                |   |                   |                                     |
| <b>Conclusion/Summary:</b>   | Based on available data, the classification criteria are not met.      |                |   |                   |                                     |
| <b>Specific target organ toxicity - single exposure:</b>                                     |  |                |   |                   |                                     |
| <b>Conclusion/Summary:</b>   | Based on available data, the classification criteria are not met.      |                |   |                   |                                     |
| <b>Specific target organ toxicity - repeated exposure:</b>                                   |  |                |   |                   |                                     |
| <b>Conclusion/Summary:</b>   | Based on available data, the classification criteria are not met.      |                |   |                   |                                     |

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**Aroma wax Lemongrass Sachet**  
**SILVA Soy wax candle with Lemongrass scent**  
**Soy wax tealight candles with Lemongrass scent**

|   |   |   |                               |                               |
|---|---|---|-------------------------------|-------------------------------|
| <b>Aspiration hazard</b>  |   |   |                               |                               |
| <b>Conclusion/Summary:</b>  |   | Based on available data, the classification criteria are not met. |                               |                               |
| <b>Product/ Ingredient name</b>   |   | <b>Exposure</b>   |                               |                               |
| d-limonene  |   | May be fatal if swallowed and enters airways.                     |                               |                               |
| <b>Potential acute health effects</b>   |   |   |                               |                               |
| <b>Eye contact:</b>   |   | No known significant effects or critical hazards.                 |                               |                               |
| <b>Inhalation:</b>  |   | No known significant effects or critical hazards.                 |                               |                               |
| <b>Skin contact:</b>  |   | May cause skin irritation or sensitization.                       |                               |                               |
| <b>Ingestion:</b>   |   | No known significant effects or critical hazards.                 |                               |                               |
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> |   |   |                               |                               |
| <b>Eye contact:</b>   |   | No specific data.   |                               |                               |
| <b>Inhalation:</b>  |   | No specific data.   |                               |                               |
| <b>Skin contact:</b>  |   | Irritation, swelling, redness.                                    |                               |                               |
| <b>Ingestion:</b>   |   | No specific data.   |                               |                               |
| <b>Chronic effects from short and long term exposure</b>                            |   |   |                               |                               |
| Not available.  |   |   |                               |                               |
| <b>Conclusion/Summary:</b>  |   | Based on available data, the classification criteria are not met. |                               |                               |
| <b>General:</b>   |   | No known significant effects or critical hazards.                 |                               |                               |
| <b>Carcinogenicity:</b>   |   | No known significant effects or critical hazards.                 |                               |                               |
| <b>Mutagenicity:</b>  |   | No known significant effects or critical hazards.                 |                               |                               |
| <b>Teratogenicity:</b>  |   | No known significant effects or critical hazards.                 |                               |                               |
| <b>Developmental effects:</b>   |   | No known significant effects or critical hazards.                 |                               |                               |
| <b>Fertility effects:</b>   |   | No known significant effects or critical hazards.                 |                               |                               |
| <b>11.2 Information on other hazards:</b>   |   |   |                               |                               |
| Not available.  |   |   |                               |                               |
| <b>SECTION 12: Ecological information</b>   |   |   |                               |                               |
| <b>12.1. Toxicity</b>   |   |   |                               |                               |
| <b>Conclusion/Summary:</b>  |   | Based on available data, the classification criteria are not met. |                               |                               |
| <b>Product/Ingredient name</b>  | <b>Species</b>                          | <b>Test</b>   | <b>Duration</b>               | <b>Result</b>                 |
| d-limonene  | Fish - Pimephales promelas              | LC50  | 96 h                          | 720 µg/L                      |
|   | Fish - Pimephales promelas              | NOEC  | 8 d                           | 0.059 mg/L                    |
|   | Crustaceans - Daphnia magna             | EC50  | 48 h                          | 0.307 mg/L                    |
|   | Crustaceans - Daphnia magna             | NOEC  | 21 d                          | 80 µg/L                       |
|   | Algae - Pseudokirchneriella subcapitata | EC50  | 72 h                          | 0.32 mg/L                     |
|   | Microorganisms – activated sludge       | EC50  | 3 h                           | 209 mg/L                      |
| <b>12.2. Persistence and degradability</b>  |   |   |                               |                               |
| <b>Product/ Ingredient name</b>   | <b>CAS no.</b>                          | <b>Degradation</b>  | <b>Test method/ Guideline</b> |                               |
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**Soy wax tealight candles with Lemongrass scent**

|            |           |   |   |
|------------|-----------|---|---|
| d-limonene | 5989-27-5 | Inherently biodegradable.<br>Degradation (CO2 evolution), 29 d: 71.4% | 67/548/EEC method, Annex V.C.4-C (carbon dioxide (CO <sub>2</sub> ) Evolution (modified Sturm test) / OECD Guideline 301 B (Ready Biodegradability: CO <sub>2</sub> Evolution Test) |
|------------|-----------|---|---|

**12.3. Bioaccumulative potential**

| Product/ Ingredient name | Effect                            |
|--------------------------|-----------------------------------|
| d-limonene               | BCF: 864.8 L/kg (whole body m.m.) |

**12.4. Mobility in soil****Soil / water partition coefficient (KOC):**

| Product/ Ingredient name | Effect                    |
|--------------------------|---------------------------|
| d-limonene               | Koc: 6 324 L/kg           |
| <b>Mobility:</b>         | No information available. |

**12.5. Results of PBT and vPvB assessment**

|              |                 |
|--------------|-----------------|
| <b>PBT:</b>  | Not applicable. |
| <b>vPvB:</b> | Not applicable. |

**12.6. Endocrine disrupting properties**

No information available.

**12.7. Other adverse effects**

No known significant effects or critical hazards.

**SECTION 13: Disposal considerations**

The information in this section contains generic advice and guidance.

**13.1. Waste treatment methods**

| <u>Product</u>                         |  |
|--|--|
| <b>Methods of disposal</b>             | The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. |
| <b>Hazardous waste</b>                 | Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.  |
| <b>European waste catalogue (EWC):</b> | 160306 organic wastes other than those mentioned in 16 03 05   |
| <u>Packaging</u>                       |  |
| <b>Methods of disposal</b>             | The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.   |
| <b>Special precautions</b>             | This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.  |
| <b>European waste catalogue (EWC):</b> | 19 12 01 paper and cardboard   |

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**SECTION 14: Transport information**

For long distance transport of bulk material or shrunk pallet take into consideration sections 7 and 10.

|  | Land transport<br>ADR/RID   | Inland water transport<br>ADN | Maritime transport<br>IMDG | Air Transport<br>ICAO/IATA |
|--|---|-------------------------------|----------------------------|----------------------------|
| 14.1. UN number or ID number:                                  | Not regulated.  | Not regulated.                | Not regulated.             | Not regulated.             |
| 14.2. UN proper shipping name:                                 | -   | -                             | -                          | -                          |
| 14.3. Transport hazard class(es):                              | -   | -                             | -                          | -                          |
| 14.4. Packing group:   | -   | -                             | -                          | -                          |
| 14.5. Environmental hazards:                                   | No.   | No.                           | No.                        | No.                        |
| 14.6. Special precautions for user:                            | <b>Transport within user's premises:</b> always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage. |                               |                            |                            |
| 14.7. Maritime transport in bulk according to IMO instruments: | Not available.  |                               |                            |                            |

**SECTION 15: Regulatory information**

Chemical safety assessment according to Regulation (EC) No. 1907/2006: Not required.

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.1.1. EU legislation****EU Regulation (EC) No. 1907/2006 (REACH)****Annex XIV - List of substances subject to authorization**

**Annex XIV:** None of the components are listed.

**Substances of very high concern** None of the components are listed.

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** None.

**Other EU regulations:**

**Other** 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.  
ADR - the European Agreement concerning the International Carriage of Dangerous Goods by Road, concluded at Geneva on 30 September 1957, as amended.

|                                 |            |                         |   |              |         |
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|  |   |
|--|---|
|  | <p>RID - the Regulations concerning the International Carriage of Dangerous Goods by Rail, appearing as Appendix C to the Convention concerning International Carriage by Rail (COTIF) concluded at Vilnius on 3 June 1999, as amended.</p> <p>ADN - the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways concluded at Geneva on 26 May 2000, as amended.</p> <p>IMDG Code - International Maritime Dangerous Goods Code.</p> <p>IATA/ICAO: ICAO - International Civil Aviation Organization. IATA - International Air Transport Association.</p> <p>MARPOL 73/78 - International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978.</p> |
|--|---|

**Ozone depleting substances (1005/2009/EU)**

|  |             |
|--|-------------|
|  | Not listed. |
|--|-------------|

**Prior Informed Consent (PIC) (649/2012/EU)**

|  |             |
|--|-------------|
|  | Not listed. |
|--|-------------|

**Seveso Directive**

This product is not controlled under the Seveso Directive.

**15.1.2. National legislation**

To be filled by local business.

**15.2. Chemical safety assessment**

|  |   |
|--|---|
|  | No Chemical Safety Assessment has been carried out. |
|--|---|

**SECTION 16: Other information**

**Abbreviations and acronyms:**

CLP: Classification, Labelling and Packaging Regulation [Regulation (EC) No.1272/2008]  
 ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road  
 RID: International Rule for Transport of Dangerous Substances by Railway  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 CAS: Chemical Abstracts Service  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 LC50: Median lethal concentration  
 LD50: Median lethal dose  
 REACH: Registration, Evaluation and Authorisation of Chemicals  
 PBT: Persistent, bio-accumulative and toxic  
 vPvB: Very persistent, very bio-accumulative  
 b.w.: Body weight.

**Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

| Classification | Justification  |
|----------------|--|
| EUH208         | According concentration limits set for hazard class. |

**Full text of abbreviated H statements:**

Flam. Liq. 3, Flammable liquids, Hazard Category 3.;  
 H226 Highly flammable liquid and vapour.  
 Asp. Tox. 1, Aspiration hazard, Hazard Category 1.;  
 H304 May be fatal if swallowed and enters airways.  
 Skin Irrit. 2, Skin corrosion/ irritation, Hazard Category 2;  
 H315 Causes skin irritation.

|  |            |                                |   |                     |         |
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Skin Sens. 1A, Sensitisation - Skin, hazard category 1A;  
H317 May cause an allergic skin reaction.  
Eye Irrit. 2, Serious eye damage/eye irritation, Hazard Category 2;  
H319 Causes serious eye irritation.  
Aquatic Acute 1, Short-term (acute) aquatic hazard — Acute Hazard, Category 1;  
H400 Very toxic to aquatic life.  
Aquatic Chronic 3, Long-term (chronic) aquatic hazard, Category 3;  
H412 Harmful to aquatic life with long lasting effects.

**Full text of classifications [CLP / GHS]:**

|        |   |
|--------|---|
| EUH208 | Contains D-Limonene; Citral; Citronellal. May produce an allergic reaction. |
|--------|---|

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**END OF SAFETY DATA SHEET**

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