# SAFETY DATA SHEET

THYME, BERGAMOT & MUSK — 25% preparation in Augeo Clean Multi
According to Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by Regulation (EU) 2020/878

⚠ **NOTE:** This document applies to the final mixture containing 25% of THYME, BERGAMOT & MUSK fragrance and 75% of Augeo Clean Multi. Classification calculated by Eco Candle Project from the composition declared in the manufacturer's SDS for the pure fragrance (CLP calculation method, Regulation (EC) No 1272/2008, Annex I), including Augeo Clean Multi, which is classified Eye Irrit. 2 (H319).

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

### 1.1 Product identifier

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|---|---|
| **Product form** | Mixture |
| **Trade name** | Preparation with THYME, BERGAMOT & MUSK at 25% |
| **UFI (pure fragrance)** | K200-U0CW-600R-QTM2 |
| **Type of product** | Perfumes, fragrances |
| **Base** | Augeo Clean Multi (2,2-dimethyl-1,3-dioxolane-4-methanol, CAS 100-79-8) — 75% |

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

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|---|---|
| **Identified uses** | Reed-diffuser liquid in Augeo Clean Multi (25% fragrance complies with the IFRA 10A limit of 37.03%). |
| **Uses advised against** | Not for personal use. Not for direct application to skin. Cosmetic use only within the IFRA limits and with a cosmetic safety assessment. |

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

| | |
|---|---|
| **Company** | VEGTEAM, Lda. — Eco Candle Project |
| **Address** | R. Quinta de Santa Marta, Lojas EF, 1495-171 Algés, Portugal |
| **E-mail** | info@ecocandleproject.com |
| **Website** | www.ecocandleproject.com |

### 1.4 Emergency telephone number

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|---|---|
| **Emergency number** | CIAV — Poison Information Centre (INEM): +351 800 250 250 (24 h) |

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

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|---|---|
| **Result** | MIXTURE CLASSIFIED AS HAZARDOUS — H304, H315, H317, H319, H411 |
| **Aquatic hazard, chronic** | Aquatic Chronic 2 — H411. 10 × M × Σ Chronic 1 + Σ Chronic 2 = 114.9% (≥ 25% → Chronic 2); 100 × M × Σ Chronic 1 + 10 × Σ Chronic 2 + Σ Chronic 3 = 1,151.2%. |
| **Skin sensitisation** | Skin Sens. 1 — H317. d-Limonene 7.05%, sweet orange oil 6.91%, linalyl acetate 2.92%, acetyl cedrene 2.38%, linalool 1.87%, benzyl salicylate 1.68%, hexyl cinnamal 1.60% and 4-tert-Butylcyclohexyl acetate 1.50% are each ≥ the concentration limit (1% generic). |
| **Eye irritation** | Eye Irrit. 2 — H319, due to Augeo Clean Multi (75%, Eye Irrit. 2). Σ Eye Irrit. 2 (≥ 1%) ≈ 76.9% (threshold: 10%). |
| **Skin irritation** | Skin Irrit. 2 — H315. Σ Skin Irrit. 2 (≥ 1%) = 18.76% (threshold: 10%). |
| **Aspiration hazard** | Not classified — Σ Asp. Tox. 1 = 14.79% (threshold: 10%). |
| **Acute toxicity (oral)** | Not classified — ATE mix ≈ 24,126 mg/kg (threshold: 2000 mg/kg). |
| **Notes** | The pure fragrance (100%) is classified H304, H315, H317, H319, H400 and H410 (DANGER). See Annex — Calculation record. |

### 2.2 Label elements

GHS07

GHS08

GHS09

| | |
|---|---|
| **Hazard pictograms** | GHS07, GHS08, GHS09 |
| **Signal word** | Danger |
| **Contains (hazard-determining)** | d-Limonene, Sweet orange oil, Linalyl acetate, Acetyl cedrene, Linalool, Benzyl salicylate, Hexyl cinnamal, 4-tert-Butylcyclohexyl acetate |
| **Hazard statements** | H304 May be fatal if swallowed and enters airways.<br>H315 Causes skin irritation.<br>H317 May cause an allergic skin reaction.<br>H319 Causes serious eye irritation.<br>H411 Toxic to aquatic life with long lasting effects. |
| **Supplemental information** | EUH208 Contains Linalyl acetate, Geraniol, beta-Caryophyllene, Geranyl acetate, alpha-Pinene. May produce an allergic reaction. |
| **Precautionary statements** | P101 If medical advice is needed, have product container or label at hand.<br>P102 Keep out of reach of children.<br>P261 Avoid breathing mist/vapours/spray.<br>P273 Avoid release to the environment.<br>P280 Wear protective gloves/eye protection/face protection.<br>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.<br>P302+P352 IF ON SKIN: Wash with plenty of water.<br>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P333+P313 If skin irritation or rash occurs: Get medical advice/attention.<br>P337+P313 If eye irritation persists: Get medical advice/attention.<br>P331 Do NOT induce vomiting.<br>P391 Collect spillage.<br>P405 Store locked up.<br>P501 Dispose of contents/container in accordance with local regulations. |
| **Finished product** | Candles: also apply the safety labelling of EN 15494. When supplied to consumers add P101/P102 and the name, address and telephone of the supplier. |

### 2.3 Other hazards

The mixture contains no Substances of Very High Concern (SVHC) ≥ 0.1%, no PBT/vPvB substances (REACH Annex XIII) and no substances with endocrine-disrupting properties ≥ 0.1% (Delegated Regulation (EU) 2017/2100 / Regulation (EU) 2018/605).

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Mixture of fragrance substances. Hazardous components — concentrations refer to the FINAL mixture at 25% (manufacturer's values × 0.25):

| Name | Identifiers | % | Classification (EC) No 1272/2008 |
|---|---|---|---|
| d-Limonene | CAS 5989-27-5<br>EC 227-813-5 | 7.05 | Flam. Liq. 3, H226; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Asp. Tox. 1, H304; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410 (M = 1) |
| Sweet orange oil (Citrus aurantium dulcis) | CAS 8028-48-6<br>EC 232-433-8<br>REACH 01-2119493353-35 | 6.91 | Flam. Liq. 3, H226; Skin Irrit. 2, H315; Skin Sens. 1, H317; Asp. Tox. 1, H304; Aquatic Chronic 2, H411 |
| Linalyl acetate | CAS 115-95-7<br>EC 204-116-4<br>REACH 01-2119454789-19 | 2.92 | Skin Irrit. 2, H315; Skin Sens. 1B, H317 |

| Name | Identifiers | % | Classification (EC) No 1272/2008 |
|---|---|---|---|
| Acetyl cedrene | CAS 32388-55-9<br>EC 251-020-3<br>REACH 01-2119969651-28 | 2.38 | Skin Sens. 1B, H317; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410 (M = 1) |
| Linalool | CAS 78-70-6<br>EC 201-134-4 | 1.87 | Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317 |
| Benzyl salicylate | CAS 118-58-1<br>EC 204-262-9<br>REACH 01-2119969442-31 | 1.68 | Skin Sens. 1B, H317; Aquatic Chronic 3, H412 |
| Hexyl cinnamal | CAS 101-86-0<br>EC 202-983-3<br>REACH 01-2119533092-50 | 1.60 | Skin Sens. 1B, H317; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 2, H411 |
| 4-tert-Butylcyclohexyl acetate | CAS 32210-23-4<br>EC 250-954-9<br>REACH 01-2119976286-24 | 1.50 | Skin Sens. 1B, H317 |
| Tetrahydro-4-methyl-2-(2-methylpropyl)-2H-pyran-4-ol | CAS 63500-71-0<br>EC 405-040-6<br>REACH 01-2119638272-42 | 0.425 | Eye Irrit. 2, H319 |
| 7-Acetyl-1,1,3,4,4,6-hexamethyl tetralin (AHTN) | CAS 1506-02-1<br>EC 216-133-4<br>REACH 01-2119539433-40 | 0.375 | Acute Tox. 4 (oral), H302; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410 (M = 1) |
| Linalyl acetate | CAS 115-95-7<br>EC 204-116-4<br>REACH 01-2119454789-19 | 0.362 | Skin Irrit. 2, H315; Skin Sens. 1B, H317 |
| Hexamethylindanopyran (HHCB) | CAS 1222-05-5<br>EC 214-946-9 | 0.350 | Aquatic Acute 1, H400; Aquatic Chronic 1, H410 |
| Allyl amyl glycolate | CAS 67634-00-8<br>EC 916-328-0<br>REACH 01-2120794630-50 | 0.350 | Acute Tox. 4 (oral), H302; Skin Irrit. 2, H315 |
| Patchouli oil (Pogostemon cablin) | CAS 8014-09-3<br>EC 282-493-4<br>REACH 01-2119967775-18 | 0.325 | Asp. Tox. 1, H304; Aquatic Chronic 2, H411 |
| Citronellyl acetate | CAS 150-84-5<br>EC 205-775-0<br>REACH 01-2119959860-27 | 0.278 | Skin Irrit. 2, H315; Aquatic Chronic 2, H411 |
| Geraniol | CAS 106-24-1<br>EC 203-377-1<br>REACH 01-2119560621-44 | 0.152 | Skin Irrit. 2, H315; Eye Dam. 1, H318; Skin Sens. 1B, H317 |
| Myrcene | CAS 123-35-3<br>EC 204-622-5 | 0.147 | Flam. Liq. 3, H226; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Asp. Tox. 1, H304; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 2, H411 |
| beta-Caryophyllene | CAS 87-44-5<br>EC 201-746-1<br>REACH 01-2120745237-53 | 0.128 | Skin Sens. 1B, H317; Asp. Tox. 1, H304; Aquatic Chronic 4, H413 |
| Geranyl acetate | CAS 105-87-3<br>EC 203-341-5<br>REACH 01-2119973480-35 | 0.125 | Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412 |
| alpha-Pinene | CAS 80-56-8<br>EC 201-291-9 | 0.113 | Flam. Liq. 3, H226; Acute Tox. 4 (oral), H302; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Asp. Tox. 1, H304; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410 (M = 1) |
| gamma-Terpinene | CAS 99-85-4 | 0.085 | Flam. Liq. 3, H226; Repr. 2, H361; Asp. Tox. 1, H304 |
| Piperonal (heliotropin) | CAS 120-57-0<br>EC 204-409-7<br>REACH 01-2119983608-21 | 0.075 | Skin Sens. 1B, H317 |

| Name | Identifiers | % | Classification (EC) No 1272/2008 |
|---|---|---|---|
| Eucalyptol (1,8-cineole) | CAS 470-82-6<br>EC 207-431-5<br>REACH 01-2119967772-24 | 0.050 | Flam. Liq. 3, H226; Skin Sens. 1B, H317 |
| Eugenol | CAS 97-53-0<br>EC 202-589-1<br>REACH 01-2119971802-33 | 0.025 | Eye Irrit. 2, H319; Skin Sens. 1B, H317 |
| alpha-Damascone (rose ketone) | CAS 43052-87-5<br>EC 245-845-8 | 0.025 | Acute Tox. 4 (oral), H302; Skin Sens. 1B, H317; Aquatic Chronic 2, H411 |
| Cyclamen aldehyde | CAS 103-95-7<br>EC 203-161-7 | 0.025 | Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412 |
| 2,6-Dimethyl-5-heptenal | CAS 106-72-9<br>EC 203-427-2 | 0.025 | Skin Sens. 1B, H317 |
| alpha-Cedrene | CAS 469-61-4<br>EC 207-418-4 | 0.025 | Asp. Tox. 1, H304; Aquatic Acute 1, H400 (M = 10); Aquatic Chronic 1, H410 (M = 10) |
| beta-Cedrene | CAS 546-28-1<br>EC 208-898-8 | 0.005 | Aquatic Acute 1, H400 (M = 10); Aquatic Chronic 1, H410 (M = 10) |
| Augeo Clean Multi | CAS 100-79-8<br>EC 202-888-8 | 75 | Eye Irrit. 2, H319 |

Full text of H-statements: see Section 16.

## SECTION 4: First aid measures

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| **Eye contact** | Rinse cautiously with water for at least 15 minutes, holding eyelids open. Remove contact lenses if easy to do. If eye irritation persists, seek medical advice. |
| **Skin contact** | Remove contaminated clothing. Wash skin with plenty of soap and water. If skin irritation or rash occurs, seek medical advice. |
| **Inhalation** | Move the person to fresh air and keep at rest. If symptoms persist, seek medical advice. |
| **Ingestion** | Rinse mouth. Do NOT induce vomiting. Contact the Poison Centre (CIAV 800 250 250) or a doctor. |
| **Most important symptoms** | Eye irritation. Skin irritation. May cause an allergic skin reaction. |
| **Medical attention** | Treat symptomatically. |

## SECTION 5: Firefighting measures

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| **Suitable extinguishing media** | Foam, dry chemical powder, carbon dioxide ($CO_2$). |
| **Unsuitable extinguishing media** | Water jet. |
| **Special hazards** | Combustion may release smoke, CO and $CO_2$. Prevent run-off from entering drains or watercourses. |
| **Advice for firefighters** | Self-contained breathing apparatus and full protective clothing. |

## SECTION 6: Accidental release measures

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|---|---|
| **Personal precautions** | Wear gloves and eye protection. Ensure ventilation. Remove ignition sources. |
| **Environmental precautions** | Prevent entry into drains, watercourses or soil. |
| **Containment and cleaning up** | Absorb with inert material (sand, diatomaceous earth, universal binder) and place in closed containers for disposal. |

## SECTION 7: Handling and storage

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|---|---|
| **7.1 Safe handling** | Avoid contact with skin and eyes; do not breathe vapours. Keep away from heat, ignition sources and naked flames. Do not eat, drink or smoke in the work area. Wash hands after handling. |
| **7.2 Storage** | Keep container tightly closed in a cool, dry, well-ventilated place (10–25 °C), protected from light, heat and ignition sources. Keep out of reach of children. |
| **7.3 Specific end uses** | See Section 1.2 and the IFRA certificate. |

## SECTION 8: Exposure controls/personal protection

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|---|---|
| **8.1 Control parameters** | No occupational exposure limits for the components. DNEL/PNEC: not available for the mixture. |
| **Engineering controls** | Adequate general ventilation; local exhaust for heated or large-scale operations. Eyewash available. |
| **Eye/face protection** | Safety glasses with side shields or goggles (EN 166). |
| **Hand protection** | Chemical-resistant nitrile gloves (EN ISO 374), ≥ 0.2 mm. |
| **Respiratory protection** | Not required with adequate ventilation; otherwise filter type A (EN 14387). |

## SECTION 9: Physical and chemical properties

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| **Physical state** | Liquid |
| **Odour** | Characteristic — thyme, bergamot, musk |
| **Flash point** | Not determined for the preparation; pure fragrance > 60 °C; Augeo Clean Multi 91 °C |
| **Density** | Augeo Clean Multi 1.069 g/cm³; mixture not determined |
| **Solubility** | Augeo is miscible with water and alcohols |

## SECTION 10: Stability and reactivity

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|---|---|
| **Reactivity / stability** | Stable under normal conditions of use and storage. No dangerous reactions known. |
| **Conditions to avoid** | Heat, flames, ignition sources. |
| **Incompatible materials** | Strong oxidising agents. |
| **Hazardous decomposition** | In case of combustion: CO, $CO_2$ and smoke. |

## SECTION 11: Toxicological information

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|---|---|
| **Acute toxicity (oral)** | Not classified (ATE ≈ 24,126 mg/kg) |
| **Skin corrosion/irritation** | Skin Irrit. 2 — H315 |
| **Eye irritation** | Eye Irrit. 2 — H319 |
| **Skin sensitisation** | Skin Sens. 1 — H317 |
| **Aspiration hazard** | Not classified |
| **Mutagenicity, carcinogenicity, reproductive toxicity, STOT** | Not classified |

## SECTION 12: Ecological information

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|---|---|
| **12.1 Toxicity** | Aquatic Chronic 2 — H411. Main contributors: d-Limonene, acetyl cedrene, sweet orange oil, 7-Acetyl-1,1,3,4,4,6-hexamethyltetralin (AHTN) and hexamethylindanopyran (HHCB). |
| **12.2–12.7** | No data for the mixture. No PBT/vPvB or endocrine-disrupting substances ≥ 0.1%. Do not allow to enter drains or watercourses. |

## SECTION 13: Disposal considerations

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|---|---|
| **Product** | Dispose of through a licensed waste operator according to local/national regulations. Do not discharge to drains. |
| **Hazardous properties (waste)** | HP4, HP5, HP13, HP14 |
| **Contaminated packaging** | Empty completely; do not reuse; dispose of as unused product. |

## SECTION 14: Transport information

| | ADR / RID | IMDG | IATA |
|---|---|---|---|
| 14.1 UN number | UN 3082 | UN 3082 | UN 3082 |
| 14.2 Proper shipping name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (D'LIMONENE, LIXETONE) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (D'LIMONENE, LIXETONE) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (D'LIMONENE, LIXETONE) |
| 14.3 Class | 9 | 9 | 9 |
| 14.4 Packing group | III | III | III |
| 14.5 Environmental hazards | Yes | Yes — marine pollutant | Yes |

14.6 Special precautions: ADR tunnel code (-); limited quantity 5 L/5 kg; packages ≤ 5 L/5 kg are exempt from the environmentally hazardous substance provisions (ADR SP 375, IMDG 2.10.2.7). 14.7 Bulk (IMO): not applicable.

## SECTION 15: Regulatory information

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|---|---|
| **EU regulations** | Regulation (EC) No 1272/2008 (CLP); Regulation (EC) No 1907/2006 (REACH); Regulation (EU) 2020/878. |
| **SVHC / Annex XIV / Annex XVII** | No SVHC ≥ 0.1%; no Annex XIV substances. |
| **Drug precursors** | Contains piperonal (CAS 120-57-0, 0.07%), a Category 1 scheduled substance under Regulation (EC) No 273/2004 (Annex I). The mixture is compounded so that the substance cannot be easily used or extracted; nevertheless, keep records of transactions and report any suspicious orders or transactions to the competent authority. |
| **PCN / UFI** | Classified for health hazards (H304, H315, H317, H319): a PCN with its own UFI is required if this preparation is placed on the market; the fragrance UFI (K200-U0CW-600R-QTM2) can be declared as a component (MiM). |
| **IFRA (51st)** | Reed diffusers (Cat. 10A): max 37.03% fragrance — this 25% preparation complies if used neat. Room sprays (Cat. 10B): no restriction (100%) fragrance. |

## SECTION 16: Other information

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|---|---|
| **Revision** | Version 1.0 — Eco Candle Project edition, 23/10/2026. Based on the manufacturer's SDS for the pure fragrance (version 2 of 15/01/2024, issued 19/01/2024), allergen declaration and IFRA 51st Amendment certificate (19/01/2024). Classification of the 25% preparation calculated by Eco Candle Project. |
| **Abbreviations** | ATE = Acute Toxicity Estimate; UFI = Unique Formula Identifier; PCN = Poison Centre Notification; SCL = specific concentration limit; AHTN = 7-acetyl-1,1,3,4,4,6-hexamethyltetralin; HHCB = hexamethylindanopyran; SVHC = Substance of Very High Concern. |

### Full text of H-statements (Sections 2 and 3):

**H226** Flammable liquid and vapour. **H302** Harmful if swallowed. **H304** May be fatal if swallowed and enters airways. **H315** Causes skin irritation. **H317** May cause an allergic skin reaction. **H318** Causes serious eye damage. **H319** Causes serious eye irritation. **H361** Suspected of damaging fertility or the unborn child. **H400** Very toxic to aquatic life. **H410** Very toxic to aquatic life with long lasting effects. **H411** Toxic to aquatic life with long lasting effects. **H412** Harmful to aquatic life with long lasting effects. **H413** May cause long lasting harmful effects to aquatic life.

This information is based on our current knowledge and on the manufacturer's data and describes the product for health, safety and environmental purposes only. Users must ensure suitability for their own application. If a different base is used, the classification must be recalculated.

## ANNEX — Calculation record (25%)

| Hazard class | Fragrance 100% | Calculation at 25% / threshold | Result at 25% |
|---|---|---|---|
| Acute toxicity (oral) | Not classified (ATE 6,032) | ATE ≈ 24,126 mg/kg / ≤ 2000 | Not classified |
| Aspiration hazard | Asp. Tox. 1 | Σ = 14.79% / ≥ 10% | Asp. Tox. 1 — H304 |
| Skin irritation | Skin Irrit. 2 | Σ = 18.76% / ≥ 10% | Skin Irrit. 2 — H315 |
| Eye irritation | Eye Irrit. 2 | Σ = 76.9% / ≥ 10% | Eye Irrit. 2 — H319 |
| Skin sensitisation | Skin Sens. 1 | d-Limonene 7.05% / ≥ 1% | Skin Sens. 1 — H317 |
| Aquatic acute | Aquatic Acute 1 | Σ M × A1 = 12.3% / ≥ 25% | Not classified |
| Aquatic chronic | Aquatic Chronic 1 | C2: 114.9%; C3: 1,151.2% / ≥ 25% | Aquatic Chronic 2 — H411 |
| Physical hazards | Not classified (FP > 60 °C) | FP > 60 °C | Not classified |

Calculated from the composition declared in the manufacturer's SDS (100%). The same method reproduces the manufacturer's classification of the pure fragrance; Augeo Clean Multi adds H319.