

## SAFETY DATA SHEET

### AMALFI LEMON & SUGAR — 25% preparation in Augeo Clean Multi

According to Regulation (EC) No. 1907/2006 (REACH), as amended by Regulation (EU) 2020/878

⚠ NOTE: This document applies to the final mixture containing 25% of AMALFI LEMON & SUGAR fragrance and 75% of Augeo Clean Multi. All hazard, composition and concentration data have been recalculated from the supplier's original SDS using the CLP calculation method.

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### 1.1 Product identification

|                      |                                                                               |
|----------------------|-------------------------------------------------------------------------------|
| Product name         | Preparation with AMALFI LEMON & SUGAR at 25% in Augeo Clean Multi             |
| Fragrance reference  | AMALFI LEMON & SUGAR                                                          |
| UFI (pure fragrance) | P200-U0CW-600Y-QM9J                                                           |
| Base                 | Augeo Clean Multi (2,2-dimethyl-1,3-dioxolane-4-methanol, CAS 100-79-8) — 75% |
| Intended use         | Reed diffusers. Not intended for application to skin.                         |

### 1.2 Company identification

|                     |                                                              |
|---------------------|--------------------------------------------------------------|
| Company             | Vegteam, Lda. — Eco Candle Project (ecocandleproject.com)    |
| Address             | R. Quinta de Santa Marta, Lojas EF, 1495-171 Algés, Portugal |
| Email               | info@ecocandleproject.com                                    |
| Emergency telephone | Poison Control (CIAV/INEM): +351 800 250 250 (24 hours)      |

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] — calculated at 25% incorporation (additivity / summation method, CLP Annex I):

|                          |                                                                                                                                                                                                                                                                                         |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Result                   | <b>MIXTURE CLASSIFIED AS HAZARDOUS — H319, H317, H411</b>                                                                                                                                                                                                                               |
| Skin sensitisation       | Skin Sens. 1 — H317. Acetyl cedrene (Skin Sens. 1B) at 2.45% $\geq$ 1% generic concentration limit.                                                                                                                                                                                     |
| Eye irritation           | Eye Irrit. 2 — H319. $\Sigma$ Eye Irrit. 2 = fragrance 5.575% + Augeo Clean Multi 75% $\approx$ 80.6% (threshold: 10%).                                                                                                                                                                 |
| Skin irritation          | Not classified — $\Sigma$ Skin Irrit. 2 = 2.125% (threshold: 10%).                                                                                                                                                                                                                      |
| Aquatic hazard — acute   | Not classified — $\Sigma(M \times \text{Acute } 1) = 8.35\% < 25\%$ .                                                                                                                                                                                                                   |
| Aquatic hazard — chronic | Aquatic Chronic 2 — H411. $\Sigma(M \times \text{Chronic } 1) = 8.35\% < 25\%$ (not Chronic 1); $10 \times M \times \text{Chronic } 1 + \text{Chronic } 2 = 83.55\% \geq 25\%$ .                                                                                                        |
| Acute toxicity (oral)    | Not classified — ATE mix $\approx$ 31,250 mg/kg (threshold: 2000 mg/kg).                                                                                                                                                                                                                |
| Notes                    | The pure fragrance (100%) is classified H319, H317, H400 and H410. Dilution removes the acute aquatic hazard and reduces the chronic one. See Annex — Calculation record. Augeo Clean Multi is NOT an inert base: it is classified Eye Irrit. 2 (H319), which adds H319 to the mixture. |

## 2.2 Label elements



GHS07



GHS09

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Pictograms</b>               | GHS07 (exclamation mark) + GHS09 (environment)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Signal word</b>              | Warning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Hazard statements</b>        | <b>H319</b> Causes serious eye irritation.<br><b>H317</b> May cause an allergic skin reaction.<br><b>H411</b> Toxic to aquatic life with long lasting effects.                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Precautionary statements</b> | <b>P261</b> Avoid breathing vapours.<br><b>P273</b> Avoid release to the environment.<br><b>P280</b> Wear protective gloves/eye protection.<br><b>P305+P351+P338</b> IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br><b>P333+P313</b> If skin irritation or rash occurs: Get medical advice/attention.<br><b>P337+P313</b> If eye irritation persists: Get medical advice/attention.<br><b>P391</b> Collect spillage.<br><b>P501</b> Dispose of contents/container in accordance with local regulations. |
| <b>Contains</b>                 | Acetyl cedrene                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Finished product</b>         | Consumer diffuser: also add P101/P102 and the name/address/telephone of the supplier. See Section 15 (IFRA).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## 2.3 Other hazards

According to Annex XIII of the REACH Regulation, the mixture does not contain PBT or vPvB substances at  $\geq 0.1\%$ . It does not contain SVHC (Candidate List) substances at  $\geq 0.1\%$ .

The mixture does not contain substances with endocrine-disrupting properties at  $\geq 0.1\%$  (Delegated Regulation (EU) 2017/2100 / Regulation (EU) 2018/605).

## SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

### 3.1 Characterisation of the mixture

Mixture: AMALFI LEMON & SUGAR fragrance at 25% in Augeo Clean Multi (75%). Concentrations refer to the FINAL mixture at 25% (supplier SDS values  $\times 0.25$ ).

| Substance                                       | CAS / EC No.            | Conc. at 25% (%) | CLP classification (component)                                                                |
|-------------------------------------------------|-------------------------|------------------|-----------------------------------------------------------------------------------------------|
| Hexamethylindanopyran (galaxolide)              | 1222-05-5<br>214-946-9  | 4.85             | Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410); M = 1 (acute/chronic)                       |
| Ethyl vanillin (3-ethoxy-4-hydroxybenzaldehyde) | 121-32-4<br>204-464-7   | 2.95             | Eye Irrit. 2 (H319)                                                                           |
| Acetyl cedrene                                  | 32388-55-9<br>251-020-3 | 2.45             | Skin Sens. 1B (H317), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410); M = 1 (acute/chronic) |
| Ethyl maltol (2-ethyl-3-hydroxy-4H-pyran-4-one) | 4940-11-8<br>225-582-5  | 1.6              | Acute Tox. 4 (oral) (H302)                                                                    |
| Vanillin (4-hydroxy-3-methoxybenzaldehyde)      | 121-33-5<br>204-465-2   | 1.55             | Eye Irrit. 2 (H319)                                                                           |



| Substance                                                                  | CAS / EC No.             | Conc. at 25% (%) | CLP classification (component)                                                                                                                              |
|----------------------------------------------------------------------------|--------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ethylene brassylate (1,4-dioxacycloheptadecane-5,17-dione)                 | 105-95-3<br>203-347-8    | 1.3              | Aquatic Chronic 3 (H412)                                                                                                                                    |
| Ethyl linalool                                                             | 10339-55-6<br>233-732-6  | 0.85             | Skin Irrit. 2 (H315), Skin Sens. 1B (H317), Eye Irrit. 2 (H319)                                                                                             |
| Citrus limon fruit oil (lemon oil)                                         | 8008-56-8<br>616-925-3   | 0.625            | Flam. Liq. 3 (H226), Asp. Tox. 1 (H304), Skin Irrit. 2 (H315), Skin Sens. 1 (H317), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410); M = 1 (acute/chronic) |
| 2-(2,2,7,7-Tetramethyltricyclo[6.2.1.0(1,6)]undec-5(4)-en-5-yl)propan-1-ol | 929625-08-1<br>482-030-8 | 0.4              | Skin Irrit. 2 (H315), Skin Sens. 1 (H317), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410); M = 1 (acute/chronic)                                          |
| Linalyl acetate                                                            | 115-95-7<br>204-116-4    | 0.2              | Skin Irrit. 2 (H315), Skin Sens. 1B (H317), Eye Irrit. 2 (H319)                                                                                             |
| Geraniol                                                                   | 106-24-1<br>203-377-1    | 0.075            | Skin Sens. 1 (H317)                                                                                                                                         |
| Geranyl acetate                                                            | 105-87-3<br>203-341-5    | 0.05             | Skin Irrit. 2 (H315), Skin Sens. 1 (H317), Aquatic Chronic 3 (H412)                                                                                         |
| Ethyl methylphenylglycidate                                                | 77-83-8<br>201-061-8     | 0.05             | Skin Sens. 1B (H317), Aquatic Chronic 2 (H411)                                                                                                              |
| Nerolidol (3,7,11-trimethyl-1,6,10-dodecatrien-3-ol)                       | 7212-44-4<br>230-597-5   | 0.025            | Skin Sens. 1B (H317), Aquatic Acute 1 (H400), Aquatic Chronic 1 (H410), Eye Irrit. 2 (H319); M = 1 (acute/chronic)                                          |
| Neryl acetate                                                              | 141-12-8<br>205-459-2    | 0.025            | Skin Sens. 1B (H317)                                                                                                                                        |
| Augeo Clean Multi                                                          | 100-79-8                 | 75               | Eye Irrit. 2 (H319) — not an inert base                                                                                                                     |

Full text of H-statements: see Section 16. Other components are not classified or are below the relevant cut-off values.

Substances with Community workplace exposure limits: none. Endocrine disruptors > 0.1%: none. PBT/vPvB > 0.1%: none.

## SECTION 4: FIRST-AID MEASURES

### 4.1 Description of first aid measures

|                                          |                                                                                                                                                                               |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>                       | Rinse cautiously with water for at least 15 minutes, lifting eyelids. Remove contact lenses if easy to do. Continue rinsing. If eye irritation persists, seek medical advice. |
| <b>Skin contact</b>                      | Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation or rash occurs, seek medical advice.                                                     |
| <b>Inhalation</b>                        | Move the person to fresh air and keep at rest. If symptoms persist, seek medical advice.                                                                                      |
| <b>Ingestion</b>                         | Rinse mouth. DO NOT induce vomiting. Contact Poison Control: +351 800 250 250.                                                                                                |
| <b>Most important symptoms / effects</b> | May cause an allergic skin reaction. Causes serious eye irritation.                                                                                                           |
| <b>Medical attention</b>                 | Treat symptomatically. Show this SDS to the doctor.                                                                                                                           |
| <b>Emergency telephone</b>               | Poison Control (CIAV/INEM): +351 800 250 250                                                                                                                                  |



## SECTION 5: FIRE-FIGHTING MEASURES

|                                       |                                                                                              |
|---------------------------------------|----------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>   | Alcohol-resistant foam, dry chemical powder, carbon dioxide (CO <sub>2</sub> ), water spray. |
| <b>Unsuitable extinguishing media</b> | High-volume water jet.                                                                       |
| <b>Specific hazards</b>               | Combustion may release smoke, carbon monoxide (CO) and carbon dioxide (CO <sub>2</sub> ).    |
| <b>PPE for firefighters</b>           | Self-contained breathing apparatus and full protective clothing.                             |
| <b>Special remarks</b>                | Collect contaminated fire-fighting water separately; it must not enter drains.               |

## SECTION 6: ACCIDENTAL RELEASE MEASURES

|                                  |                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions</b>      | Wear gloves and eye protection. Avoid contact with skin and eyes. Ensure ventilation.                         |
| <b>Environmental precautions</b> | Prevent entry into drains, watercourses or soil. If rivers or lakes are contaminated, inform the authorities. |
| <b>Containment / clean-up</b>    | Absorb with inert material (sand, vermiculite, diatomaceous earth). Place in a closed container for disposal. |
| <b>Disposal</b>                  | See Section 13.                                                                                               |

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Wear gloves and eye protection when filling diffusers. Ensure good ventilation. Do not eat, drink or smoke while handling. Wash hands after use.

### 7.2 Conditions for safe storage

Store in a cool, dry, well-ventilated place (10–25 °C), protected from light and from heat and ignition sources. Keep containers tightly closed. Keep out of reach of children. Keep upright. Storage class (TRGS 510): 10 — Combustible liquids.

### 7.3 Specific end use(s)

Candles, wax melts, reed diffusers and air-care products, within the IFRA limits in Section 15.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

The supplier's SDS lists no occupational exposure limits (OEL) for the components. DNEL and PNEC not available for the mixture.

### 8.2 Exposure controls

|                               |                                                                                                      |
|-------------------------------|------------------------------------------------------------------------------------------------------|
| <b>Engineering controls</b>   | Adequate general ventilation; local exhaust recommended for hot or large-scale operations.           |
| <b>Hand protection</b>        | Nitrile gloves (EN ISO 374 / EN 16523-1), breakthrough time ≥ 10 min for incidental contact.         |
| <b>Eye protection</b>         | Safety glasses with side shields (EN 166). Mandatory — mixture is H319. Eyewash station recommended. |
| <b>Skin / body protection</b> | Work clothing; apron for large quantities.                                                           |
| <b>Respiratory protection</b> | Not required under normal conditions with adequate ventilation.                                      |
| <b>Thermal hazards</b>        | Not applicable, unless the base is heated.                                                           |



|                        |                                                |
|------------------------|------------------------------------------------|
| Environmental exposure | Do not discharge to drains or the environment. |
|------------------------|------------------------------------------------|

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                |                                                                                    |
|----------------|------------------------------------------------------------------------------------|
| Physical state | Liquid                                                                             |
| Colour         | Colourless to pale yellow                                                          |
| Odour          | Characteristic — lemon sherbet, sugar, strawberry, vanilla, musk                   |
| pH             | Not applicable                                                                     |
| Flash point    | > 90 °C (estimated; Augeo Clean Multi ≈ 91 °C closed cup; pure fragrance 101.6 °C) |
| Density        | ≈ 1.03 g/cm <sup>3</sup> at 20 °C (estimated; Augeo ≈ 1.06)                        |
| Solubility     | Partly miscible with water (Augeo); fragrance practically insoluble                |

## SECTION 10: STABILITY AND REACTIVITY

|                                  |                                                                 |
|----------------------------------|-----------------------------------------------------------------|
| Reactivity                       | No dangerous reaction known under normal conditions of use.     |
| Chemical stability               | Stable under normal conditions of use and storage.              |
| Conditions to avoid              | Heat, open flames, ignition sources, prolonged direct sunlight. |
| Incompatible materials           | Strong oxidising agents.                                        |
| Hazardous decomposition products | In case of combustion: CO, CO <sub>2</sub> and smoke.           |

## SECTION 11: TOXICOLOGICAL INFORMATION

This mixture at 25% has not been tested as a whole. The assessment is based on the CLP calculation method, using component data from the supplier's SDS (issued 02/10/2026) and the allergen certificate (extended list).

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| Acute toxicity (oral) | Calculated ATE mix ≈ 31,250 mg/kg — not classified. |
| Skin irritation       | Not classified.                                     |
| Eye irritation        | Eye Irrit. 2 — H319 (Augeo Clean Multi).            |
| Skin sensitisation    | Skin Sens. 1 — H317 (acetyl cedrene at 2.45%).      |
| CMR, STOT, aspiration | Not classified.                                     |

## SECTION 12: ECOLOGICAL INFORMATION

|                                              |                                                                                                                                                                                     |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Toxicity                                     | Aquatic toxicity (at 25%): Aquatic Chronic 2 — H411. The pure fragrance (100%) is Aquatic Acute 1 / Chronic 1 (H400, H410), mainly due to hexamethylindanopyran and acetyl cedrene. |
| Persistence and degradability                | The mixture does not meet the criteria for classification as persistent (supplier data).                                                                                            |
| Bioaccumulative potential / mobility in soil | No data available.                                                                                                                                                                  |
| PBT / vPvB                                   | Does not contain PBT or vPvB substances at ≥ 0.1%.                                                                                                                                  |
| Endocrine disrupting properties              | None identified.                                                                                                                                                                    |



## SECTION 13: DISPOSAL CONSIDERATIONS

Product waste: hazardous properties HP4 (irritant — Augeo H319) and HP14 (ecotoxic). Dispose of through a licensed operator according to local/national regulations (Decree-Law 102-D/2020). Do not discharge to sewers or watercourses.

Contaminated packaging: empty completely; do not reuse for food; dispose of through an authorised waste operator.

## SECTION 14: TRANSPORT INFORMATION

At 25% the mixture is Aquatic Chronic 2 and is therefore an environmentally hazardous substance for transport (ADR 2.2.9.1.10).

|                         |                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UN number               | UN 3082                                                                                                                                                                                                                                        |
| Proper shipping name    | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(hexamethylindanopyran, acetyl cedrene)                                                                                                                                                 |
| Class / packing group   | 9 / III                                                                                                                                                                                                                                        |
| Environmental hazard    | Yes — marine pollutant                                                                                                                                                                                                                         |
| Small-package exemption | ADR/RID special provision 375, IMDG 2.10.2.7 and IATA A197: single or inner packagings ≤ 5 L net are NOT subject to the dangerous-goods regulations. Finished reed diffusers shipped in normal retail packaging are covered by this exemption. |

## SECTION 15: REGULATORY INFORMATION

Applicable regulations:

- Regulation (EC) No. 1272/2008 (CLP) — classification and labelling
- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EU) 2020/878 — SDS format
- Regulation (EU) 2023/988 (GPSR) — for consumer products

PCN notification (CLP Annex VIII): REQUIRED — the mixture is classified for health hazards (H317, H319). A UFI specific to this mixture is needed before placing on the market; the UFI of the pure fragrance (P200-U0CW-600Y-QM9J) can be declared as a component (MIM).

REACH: no SVHC (Candidate List) or Annex XIV substances. Annex XVII: no restriction relevant to candles and air care.

IFRA (51st Amendment): limit for reed diffusers (Category 10A) = 12.20%. At 25% this preparation does NOT COMPLY with IFRA for diffusers — reduce the fragrance load to ≤ 12% (e.g. 12% fragrance + 88% Augeo). See IFRA certificate.

Chemical safety assessment: not carried out for the mixture.

## SECTION 16: OTHER INFORMATION

Date of preparation: October 2026 — 25% preparation based on the manufacturer's SDS (ref. FN1008960, version 1 of 08/10/2025, issued 02/10/2026), the allergen certificate — extended list (02/10/2026) and the IFRA 51 certificate (02/10/2026).

Prepared by: Eco Candle Project (Vegteam, Lda.) — based on supplier data. Version 1.0 — first issue.

**Full text of H-statements:** 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. H319 Causes serious eye irritation. 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.



**Acronyms:** ATE = Acute Toxicity Estimate; SCL = Specific Concentration Limit; UFI = Unique Formula Identifier; PCN = Poison Centre Notification; MIM = Mixture in Mixture; HP = hazardous property of waste.

This document is intended for internal use and B2B communication. The information is based on our present knowledge and on supplier data and does not constitute a guarantee of product properties. Eco Candle Project assumes no liability for unintended uses. If a base other than Augeo Clean Multi is used, the classification must be recalculated.

## ANNEX — CALCULATION RECORD (25%)

Method: each component % in the supplier's SDS  $\times$  0.25; summation/additivity rules of CLP Annex I; generic concentration limits (no SCLs declared by the supplier); M = 1 for all Aquatic Acute 1 / Chronic 1 components; ATE for ethyl maltol = 500 mg/kg (converted point estimate, Acute Tox. 4 oral, as used by the supplier). Augeo Clean Multi (75%) taken with its own classification (Eye Irrit. 2).

| Hazard class          | Fragrance 100% (supplier)    | Calculation at 25% / threshold                                                                                                                          | Result at 25%            |
|-----------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Acute toxicity (oral) | Not classified (ATE 7,812.5) | $ATE = 100 / (1.6 / 500) \approx 31,250$<br>mg/kg / $\leq 2000$                                                                                         | Not classified           |
| Skin irritation       | Not classified (8.5%)        | $\Sigma$ Skin Irrit. 2 = 2.125% / $\geq 10\%$                                                                                                           | Not classified           |
| Eye irritation        | Eye Irrit. 2 — H319          | $\Sigma$ Eye Irrit. 2 = 80.58% / $\geq 10\%$                                                                                                            | Eye Irrit. 2 — H319      |
| Skin sensitisation    | Skin Sens. 1 — H317          | Acetyl cedrene 2.45%; ethyl linalool 0.85%; lemon oil 0.625% / $\geq 1\%$<br>(classify) $\cdot \geq 0.1\%$ (EUH208)                                     | Skin Sens. 1 — H317      |
| Aspiration            | Not classified               | $\Sigma$ Asp. Tox. 1 = 0.625% / $\geq 10\%$                                                                                                             | Not classified           |
| Aquatic acute         | Aquatic Acute 1 — H400       | $\Sigma M \times$ Acute 1 = 8.35% / $\geq 25\%$                                                                                                         | Not classified           |
| Aquatic chronic       | Aquatic Chronic 1 — H410     | C1: 8.35% / $\geq 25\%$<br>C2: $10 \times 8.35 + 0.05 = 83.55\%$ / $\geq 25\%$<br>C3: $100 \times 8.35 + 10 \times 0.05 + 1.35 = 836.9\%$ / $\geq 25\%$ | Aquatic Chronic 2 — H411 |
| Physical hazards      | Not classified (FP 101.6 °C) | FP > 60 °C                                                                                                                                              | Not classified           |

**Conclusion: H319, H317, H411 (GHS07 + GHS09, Warning).**