

## SAFETY DATA SHEET

AMALFI LEMON & SUGAR — pure fragrance (100%), as supplied

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

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 Product identification

|               |                                                                       |
|---------------|-----------------------------------------------------------------------|
| Product form  | Mixture                                                               |
| Trade name    | AMALFI LEMON & SUGAR                                                  |
| UFI           | P200-U0CW-600Y-QM9J                                                   |
| Product type  | Perfume compound / fragrance oil (concentrated aromatic raw material) |
| Product group | Trade product                                                         |

#### 1.2 Relevant identified uses and uses advised against

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Main use category    | Professional use, industrial use                                                          |
| Use of the mixture   | Fragrance compound for candles, wax melts, reed diffusers and air-care products           |
| Uses advised against | Concentrated raw material — not for direct personal use or application to skin undiluted. |

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

|                     |                                                              |
|---------------------|--------------------------------------------------------------|
| 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] (calculation method, as stated by the manufacturer):

|                                                |                                                                                                                           |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Serious eye damage/irritation                  | Eye Irrit. 2 — H319                                                                                                       |
| Skin sensitisation                             | Skin Sens. 1 — H317                                                                                                       |
| Hazardous to the aquatic environment — acute   | Aquatic Acute 1 — H400                                                                                                    |
| Hazardous to the aquatic environment — chronic | Aquatic Chronic 1 — H410                                                                                                  |
| Adverse effects                                | May cause an allergic skin reaction. Causes serious eye irritation. Very toxic to aquatic life with long lasting effects. |

#### 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>H400</b> Very toxic to aquatic life.<br><b>H410</b> Very toxic to aquatic life with long lasting effects.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Precautionary statements</b> | <b>P261</b> Avoid breathing vapours.<br><b>P272</b> Contaminated work clothing should not be allowed out of the workplace.<br><b>P273</b> Avoid release to the environment.<br><b>P280</b> Wear protective gloves/eye protection.<br><b>P302+P352</b> IF ON SKIN: Wash with plenty of water.<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, Ethyl linalool, Citrus limon fruit oil, 2-(2,2,7,7-Tetramethyltricyclo[6.2.1.0(1,6)]undec-5(4)-en-5-yl)propan-1-ol, Linalyl acetate, Geraniol, Geranyl acetate, Ethyl methylphenylglycidate, Neryl acetate, Nerolidol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Finished product</b>         | For professional use. Label any finished product according to its own (diluted) classification — see the SDS for 5%, 10% and 25%.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

### 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

### 3.2 Mixtures

Mixture of fragrance raw materials. Hazardous components as declared in the manufacturer's SDS:

| Substance                                                  | CAS / EC No.            | %    | CLP classification (component)                                                                |
|------------------------------------------------------------|-------------------------|------|-----------------------------------------------------------------------------------------------|
| Hexamethylindanopyran (galaxolide)                         | 1222-05-5<br>214-946-9  | 19.4 | 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   | 11.8 | Eye Irrit. 2 (H319)                                                                           |
| Acetyl cedrene                                             | 32388-55-9<br>251-020-3 | 9.8  | 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  | 6.4  | Acute Tox. 4 (oral) (H302)                                                                    |
| Vanillin (4-hydroxy-3-methoxybenzaldehyde)                 | 121-33-5<br>204-465-2   | 6.2  | Eye Irrit. 2 (H319)                                                                           |
| Ethylene brassylate (1,4-dioxacycloheptadecane-5,17-dione) | 105-95-3<br>203-347-8   | 5.2  | Aquatic Chronic 3 (H412)                                                                      |



| Substance                                                                  | CAS / EC No.             | %   | CLP classification (component)                                                                                                                              |
|----------------------------------------------------------------------------|--------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ethyl linalool                                                             | 10339-55-6<br>233-732-6  | 3.4 | 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   | 2.5 | 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 | 1.6 | 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    | 0.8 | Skin Irrit. 2 (H315), Skin Sens. 1B (H317), Eye Irrit. 2 (H319)                                                                                             |
| Geraniol                                                                   | 106-24-1<br>203-377-1    | 0.3 | Skin Sens. 1 (H317)                                                                                                                                         |
| Geranyl acetate                                                            | 105-87-3<br>203-341-5    | 0.2 | Skin Irrit. 2 (H315), Skin Sens. 1 (H317), Aquatic Chronic 3 (H412)                                                                                         |
| Ethyl methylphenylglycidate                                                | 77-83-8<br>201-061-8     | 0.2 | 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   | 0.1 | 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    | 0.1 | Skin Sens. 1B (H317)                                                                                                                                        |

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.<br>Hazchem code: 3Z. |

## 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>    | Remove ignition sources. Absorb with inert, non-combustible material (sand, vermiculite, diatomaceous earth). Collect in a closed, labelled container. Clean the area with water and detergent; collect the washing water. |
| <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. Keep away from ignition sources and naked flames. Ensure good ventilation. Do not eat, drink or smoke while handling. Wash hands after use. When adding to wax, add the fragrance at a moderate temperature (typically 75–85 °C, or as per the wax technical data sheet) and never above the flash point (101.6 °C).

### 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. Storage class (TRGS 510): 10 — Combustible liquids. Shelf life: 12 months in the original closed container.

### 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 $\geq 10$ min for incidental contact.       |
| <b>Eye protection</b>         | Safety glasses with side shields (EN 166). Mandatory — mixture is H319.<br>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>        | When heating with wax: heat-resistant gloves (EN 407).                                                  |
| <b>Environmental exposure</b> | Do not discharge to drains or the environment.                                                          |

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

|                                       |                                                                  |
|---------------------------------------|------------------------------------------------------------------|
| Physical state                        | Liquid                                                           |
| Colour                                | Yellow                                                           |
| Odour                                 | Characteristic — lemon sherbet, sugar, strawberry, vanilla, musk |
| Odour threshold                       | Not established                                                  |
| pH                                    | Not established                                                  |
| Melting / freezing point              | Not established                                                  |
| Initial boiling point                 | Not established                                                  |
| Flash point                           | 101.6 °C (closed cup)                                            |
| Flammability                          | Not flammable within the meaning of CLP (flash point > 60 °C)    |
| Explosive limits                      | Not established                                                  |
| Vapour pressure                       | Not established                                                  |
| Relative density                      | Not established                                                  |
| Solubility                            | Insoluble in water; soluble in alcohol and oils                  |
| Partition coefficient n-octanol/water | Not established                                                  |
| Auto-ignition temperature             | Not established                                                  |
| Viscosity                             | Not established                                                  |
| Explosive / oxidising properties      | None                                                             |

**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 has not been tested as a whole. Classification is based on the CLP calculation method.

|                                   |                                                                                                   |
|-----------------------------------|---------------------------------------------------------------------------------------------------|
| Acute toxicity                    | Not classified — ATE oral (mixture) = 7,812.5 mg/kg (> 2000 mg/kg).                               |
| Skin corrosion/irritation         | Not classified ( $\Sigma$ Skin Irrit. 2 = 8.5% < 10%).                                            |
| Serious eye damage/irritation     | Eye Irrit. 2 — H319 ( $\Sigma$ Eye Irrit. 2 = 22.3%).                                             |
| Respiratory or skin sensitisation | Skin Sens. 1 — H317 (acetyl cedrene 9.8%, ethyl linalool 3.4%, lemon oil 2.5%, 929625-08-1 1.6%). |
| CMR, STOT SE/RE                   | Based on available data, the classification criteria are not met.                                 |
| Aspiration hazard                 | Not classified (Asp. Tox. 1 components: lemon oil 2.5% < 10%).                                    |

**SECTION 12: ECOLOGICAL INFORMATION**

|                                                     |                                                                                                                                                                                                                                                 |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Toxicity</b>                                     | Aquatic Acute 1 (H400) and Aquatic Chronic 1 (H410): $\Sigma(M \times \text{Chronic } 1) = 33.4\% \geq 25\%$ . Main contributors: hexamethylindanopyran (19.4%), acetyl cedrene (9.8%), lemon oil (2.5%), 929625-08-1 (1.6%), nerolidol (0.1%). |
| <b>Persistence and degradability</b>                | The mixture does not meet the criteria for classification as persistent (supplier data).                                                                                                                                                        |
| <b>Bioaccumulative potential / mobility in soil</b> | No data available.                                                                                                                                                                                                                              |
| <b>PBT / vPvB</b>                                   | Does not contain PBT or vPvB substances at $\geq 0.1\%$ .                                                                                                                                                                                       |
| <b>Endocrine disrupting properties</b>              | None identified.                                                                                                                                                                                                                                |

**SECTION 13: DISPOSAL CONSIDERATIONS**

Product waste: hazardous properties HP4 (irritant —  $\Sigma H319 \geq 20\%$ ) 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**

|                                    |                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>14.1 UN number</b>              | UN 3082 (ADR/RID, IMDG, ICAO/IATA)                                                                                                                                                                                                                                                                               |
| <b>14.2 Proper shipping name</b>   | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.<br>(hexamethylindanopyran, acetyl cedrene)                                                                                                                                                                                                                   |
| <b>14.3 Transport hazard class</b> | 9 (label 9)                                                                                                                                                                                                                                                                                                      |
| <b>14.4 Packing group</b>          | III                                                                                                                                                                                                                                                                                                              |
| <b>14.5 Environmental hazards</b>  | Yes — environmentally hazardous / marine pollutant (hexamethylindanopyran, acetyl cedrene, lemon oil)                                                                                                                                                                                                            |
| <b>14.6 Special precautions</b>    | ADR: classification code M6, hazard ID 90, LQ 5 L, EQ E1, transport category 3, tunnel code (-) ; special provisions 274, 335, 375, 601. IMDG: EmS F-A, S-F; stowage category A. SP 375 / IMDG 2.10.2.7 / IATA A197: packages $\leq 5$ L net per single or inner packaging are not subject to these regulations. |
| <b>14.7 Bulk transport (IMO)</b>   | Not applicable                                                                                                                                                                                                                                                                                                   |

**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): UFI of the fragrance: **P200-U0CW-600Y-QM9J**. The mixture is classified for health hazards (H317, H319).

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

IFRA (51st Amendment): candles (Category 12) up to 100%; reed diffusers (10A) max. 12.20%; air freshener sprays (10B) max. 80.00%. See IFRA certificate for all categories.

Chemical safety assessment: not carried out for the mixture.



## SECTION 16: OTHER INFORMATION

Date of preparation: October 2026 — pure fragrance 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.