

## SAFETY DATA SHEET

AFRIKA — 5% preparation in non-hazardous base

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 5% of AFRIKA fragrance and 95% of non-hazardous base. 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).

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

#### 1.1 Product identifier

|                      |                                          |
|----------------------|------------------------------------------|
| Product form         | Mixture                                  |
| Trade name           | Preparation with AFRIKA at 5%            |
| UFI (pure fragrance) | F200-U0CW-600W-QQ6R                      |
| Type of product      | Perfumes, fragrances                     |
| Base                 | Non-hazardous, non-classified base — 95% |

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

|                      |                                                                                                                                                   |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Identified uses      | Air-care products in a non-hazardous base: reed diffusers (within the IFRA 10A limit of 21.23%), room sprays and other non-cosmetic applications. |
| 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

|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| 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

|                          |                                                                                                                                                                                                                                                                                 |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Result                   | MIXTURE CLASSIFIED AS HAZARDOUS — H412                                                                                                                                                                                                                                          |
| Aquatic hazard, chronic  | Aquatic Chronic 3 — H412. $10 \times M \times \Sigma \text{Chronic 1} + \Sigma \text{Chronic 2} = 24.3\%$ ( $\geq 25\% \rightarrow \text{Chronic 2}$ ); $100 \times M \times \Sigma \text{Chronic 1} + 10 \times \Sigma \text{Chronic 2} + \Sigma \text{Chronic 3} = 243.0\%$ . |
| Skin sensitisation       | Not classified — highest sensitiser acetyl cedrene 0.90% < 1%. EUH208 applies ( $\geq 1/10$ of the limit).                                                                                                                                                                      |
| Eye irritation           | Not classified — $\Sigma \text{Eye Irrit. 2} (\geq 1\%) = 0.00\%$ (threshold: 10%).                                                                                                                                                                                             |
| Skin irritation          | Not classified — $\Sigma \text{Skin Irrit. 2} (\geq 1\%) = 0.00\%$ (threshold: 10%).                                                                                                                                                                                            |
| Aspiration hazard        | Not classified — $\Sigma \text{Asp. Tox. 1} = 0.54\%$ (threshold: 10%).                                                                                                                                                                                                         |
| Notes                    | The pure fragrance (100%) is classified H304, H315, H317, H319, H400 and H410 (DANGER). See Annex — Calculation record.                                                                                                                                                         |
| Manufacturer cross-check | Consistent with the manufacturer's SDS for the 5% dilution, dated 23/07/2026: H412.                                                                                                                                                                                             |



## 2.2 Label elements

|                                 |                                                                                                                                                                                                                                         |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazard pictograms</b>        | None                                                                                                                                                                                                                                    |
| <b>Signal word</b>              | None (no pictogram required)                                                                                                                                                                                                            |
| <b>Hazard statements</b>        | H412 Harmful to aquatic life with long lasting effects.                                                                                                                                                                                 |
| <b>Supplemental information</b> | EUH208 Contains Acetyl cedrene, Tetramethyl acetyloctahydronaphthalenes (OTNE), Ethyl linalool (3,7-dimethylnona-1,6-dien-3-ol), d-Limonene (orange terpenes). May produce an allergic reaction.                                        |
| <b>Precautionary statements</b> | P101 If medical advice is needed, have product container or label at hand.<br>P102 Keep out of reach of children.<br>P273 Avoid release to the environment.<br>P501 Dispose of contents/container in accordance with local regulations. |
| <b>Finished product</b>         | 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)  $\geq 0.1\%$ , no PBT/vPvB substances (REACH Annex XIII) and no substances with endocrine-disrupting properties  $\geq 0.1\%$  (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 5% (manufacturer's values  $\times 0.05$ ):

| Name                                                 | Identifiers                                                          | %     | Classification (EC) No 1272/2008                                                                                               |
|------------------------------------------------------|----------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------|
| Acetyl cedrene                                       | CAS 32388-55-9<br>EC 251-020-3<br>REACH 01-2119969651-28             | 0.895 | Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410                                                            |
| Tetramethyl acetyloctahydronaphthalenes (OTNE)       | CAS 54464-57-2<br>EC 259-174-3<br>REACH 01-2119489989-04             | 0.500 | Skin Irrit. 2, H315; Aquatic Chronic 1, H410; Skin Sens. 1, H317                                                               |
| Hexamethylindanopyran (HHCB)                         | CAS 1222-05-5<br>EC 214-946-9<br>REACH 01-2119488227-29              | 0.440 | Aquatic Acute 1, H400; Aquatic Chronic 1, H410                                                                                 |
| Juniperus mexicana (cedarwood Texas) oil             | CAS 68990-83-0<br>EC 614-888-8                                       | 0.400 | Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410                                                              |
| Ethyl linalool (3,7-dimethylnona-1,6-dien-3-ol)      | CAS 10339-55-6<br>EC 233-732-6                                       | 0.245 | Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2, H319                                                                   |
| Methyl ionone                                        | CAS 1335-46-2 / 127-51-5<br>EC 204-846-3<br>REACH 01-2119471851-35   | 0.220 | Skin Irrit. 2, H315; Aquatic Chronic 2, H411; Eye Irrit. 2, H319                                                               |
| d-Limonene (orange terpenes)                         | CAS 68647-72-3 / 8028-48-6<br>EC 232-433-8<br>REACH 01-2119493353-35 | 0.128 | Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317 |
| Tetrahydro-4-methyl-2-(2-methylpropyl)-2H-pyran-4-ol | CAS 63500-71-0<br>EC 405-040-6                                       | 0.054 | Eye Irrit. 2, H319                                                                                                             |
| Cyclamen aldehyde                                    | CAS 103-95-7<br>EC 203-161-7                                         | 0.054 | Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412                                                              |
| Linalyl acetate                                      | CAS 115-95-7<br>EC 204-116-4<br>REACH 01-2119454789-19               | 0.054 | Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2, H319                                                                   |



| Name                                               | Identifiers                                                              | %     | Classification (EC) No 1272/2008                                                                                                                                                    |
|----------------------------------------------------|--------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3-Methylcyclopentadecenone                         | CAS 63314-79-4 /<br>82356-51-2<br>EC 429-900-5<br>REACH 01-0000017618-62 | 0.030 | Aquatic Acute 1, H400; Aquatic Chronic 1, H410;<br>Skin Sens. 1, H317                                                                                                               |
| Linalool                                           | CAS 78-70-6<br>EC 201-134-4<br>REACH 01-2119474016-42                    | 0.018 | Skin Sens. 1B, H317                                                                                                                                                                 |
| Coumarin                                           | CAS 91-64-5<br>EC 202-086-7<br>REACH 01-2119949300-45                    | 0.010 | Acute Tox. 4 (oral), H302; Aquatic Chronic 3,<br>H412; Skin Sens. 1, H317                                                                                                           |
| Citral                                             | CAS 5392-40-5<br>EC 226-394-6<br>REACH 01-2119462829-23                  | 0.007 | Skin Irrit. 2, H315; Skin Sens. 1, H317                                                                                                                                             |
| alpha-Pinene                                       | CAS 80-56-8<br>EC 201-291-9                                              | 0.006 | Flam. Liq. 3, H226; Acute Tox. 4 (oral), H302;<br>Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens.<br>1B, H317; Aquatic Acute 1, H400 (M = 1);<br>Aquatic Chronic 1, H410 (M = 1) |
| (E)-alpha-Damascone                                | CAS 24720-09-0<br>EC 246-430-4                                           | 0.003 | Acute Tox. 4 (oral), H302; Skin Sens. 1B, H317;<br>Aquatic Acute 1, H400 (M = 1); Aquatic Chronic<br>1, H410 (M = 1)                                                                |
| Terpinolene                                        | CAS 586-62-9<br>EC 209-578-0<br>REACH 01-2119982324-34                   | 0.003 | Asp. Tox. 1, H304; Skin Sens. 1B, H317; Aquatic<br>Acute 1, H400 (M = 1); Aquatic Chronic 1, H410                                                                                   |
| 3-(p-Cumenyl)propionaldehyde                       | CAS 7775-00-0<br>EC 231-885-3<br>REACH 01-2120758797-32                  | 0.003 | Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic<br>Acute 1, H400 (M = 1)                                                                                                          |
| 7-Acetyl-1,1,3,4,4,6-hexamethyl<br>tetralin (AHTN) | CAS 1506-02-1<br>EC 216-133-4<br>REACH 01-2119539433-40                  | 0.002 | Acute Tox. 4 (oral), H302; Aquatic Acute 1,<br>H400; Aquatic Chronic 1, H410 (M = 1)                                                                                                |
| beta-Pinene                                        | CAS 127-91-3<br>EC 204-872-5                                             | 0.001 | Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit.<br>2, H315; Aquatic Chronic 1, H410; Skin Sens. 1,<br>H317                                                                       |
| 2,6,10-Trimethylundec-9-enal                       | CAS 141-13-9<br>EC 205-460-8<br>REACH 01-2120139915-49                   | 0.001 | Skin Sens. 1B, H317; Aquatic Acute 1, H400 (M =<br>1); Aquatic Chronic 1, H410 (M = 1); Aquatic<br>Chronic 2, H411                                                                  |
| Inert base                                         | —                                                                        | 95    | Not classified                                                                                                                                                                      |

Full text of H-statements: see Section 16.

**SECTION 4: First aid measures**

|                                |                                                                                                                                                                  |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>             | 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. |
| <b>Skin contact</b>            | Remove contaminated clothing. Wash skin 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 the Poison Centre (CIAV 800 250 250) or a doctor.                                                                   |
| <b>Most important symptoms</b> | May produce an allergic reaction in sensitised persons.                                                                                                          |
| <b>Medical attention</b>       | Treat symptomatically.                                                                                                                                           |

**SECTION 5: Firefighting measures**

|                                       |                                                                                                              |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>   | Foam, dry chemical powder, carbon dioxide (CO <sub>2</sub> ).                                                |
| <b>Unsuitable extinguishing media</b> | Water jet.                                                                                                   |
| <b>Special hazards</b>                | Combustion may release smoke, CO and CO <sub>2</sub> . Prevent run-off from entering drains or watercourses. |
| <b>Advice for firefighters</b>        | Self-contained breathing apparatus and full protective clothing.                                             |

**SECTION 6: Accidental release measures**

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

**SECTION 7: Handling and storage**

|                              |                                                                                                                                                                                           |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>7.1 Safe handling</b>     | 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. |
| <b>7.2 Storage</b>           | 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.                           |
| <b>7.3 Specific end uses</b> | See Section 1.2 and the IFRA certificate.                                                                                                                                                 |

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

|                               |                                                                                                                                |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>8.1 Control parameters</b> | Exposure limits listed by the manufacturer: Citral, CAS 5392-40-5 — 5 ppm (8 h TWA). DNEL/PNEC: not available for the mixture. |
| <b>Engineering controls</b>   | Adequate general ventilation; local exhaust for heated or large-scale operations. Eyewash available.                           |
| <b>Eye/face protection</b>    | Safety glasses with side shields or goggles (EN 166).                                                                          |
| <b>Hand protection</b>        | Chemical-resistant nitrile gloves (EN ISO 374), ≥ 0.2 mm.                                                                      |
| <b>Respiratory protection</b> | Not required with adequate ventilation; otherwise filter type A (EN 14387).                                                    |

**SECTION 9: Physical and chemical properties**

|                       |                                                                         |
|-----------------------|-------------------------------------------------------------------------|
| <b>Physical state</b> | Liquid                                                                  |
| <b>Odour</b>          | Characteristic — cedarwood, juniper, orange                             |
| <b>Flash point</b>    | Not determined for the preparation; pure fragrance 95.4 °C (closed cup) |
| <b>Density</b>        | Depends on the base                                                     |
| <b>Solubility</b>     | Insoluble in water                                                      |

**SECTION 10: Stability and reactivity**

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

**SECTION 11: Toxicological information**

|                                                                   |                         |
|-------------------------------------------------------------------|-------------------------|
| <b>Acute toxicity (oral)</b>                                      | Not classified          |
| <b>Skin corrosion/irritation</b>                                  | Not classified          |
| <b>Eye irritation</b>                                             | Not classified          |
| <b>Skin sensitisation</b>                                         | Not classified (EUH208) |
| <b>Aspiration hazard</b>                                          | Not classified          |
| <b>Mutagenicity, carcinogenicity, reproductive toxicity, STOT</b> | Not classified          |

**SECTION 12: Ecological information**

|                      |                                                                                                                                                                                                                       |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>12.1 Toxicity</b> | Aquatic Chronic 3 — H412. Main contributors: acetyl cedrene, tetramethyl acetyloctahydronaphthalenes (OTNE), hexamethylindanopyran (HHCB), juniperus mexicana (cedarwood Texas) oil and d-Limonene (orange terpenes). |
| <b>12.2-12.7</b>     | No data for the mixture. No PBT/vPvB or endocrine-disrupting substances $\geq 0.1\%$ . Do not allow to enter drains or watercourses.                                                                                  |

**SECTION 13: Disposal considerations**

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

**SECTION 14: Transport information**

Not classified as dangerous goods (ADR/RID/IMDG/IATA) at 5% — Aquatic Chronic 3 is not regulated for transport. The pure fragrance (100%) is UN 3082, Class 9, PG III.

**SECTION 15: Regulatory information**

|                                      |                                                                                                     |
|--------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>EU regulations</b>                | Regulation (EC) No 1272/2008 (CLP); Regulation (EC) No 1907/2006 (REACH); Regulation (EU) 2020/878. |
| <b>SVHC / Annex XIV / Annex XVII</b> | No SVHC $\geq 0.1\%$ ; no Annex XIV substances.                                                     |
| <b>PCN / UFI</b>                     | Not required — the mixture is classified only for an environmental hazard.                          |
| <b>IFRA (51st)</b>                   | Reed diffusers (Cat. 10A): max 21.23% — 5% complies. Room sprays (Cat. 10B): max 66.00% — complies. |

**SECTION 16: Other information**

|                      |                                                                                                                                                                                                                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Revision</b>      | Version 1.0 — Eco Candle Project edition, 22/10/2026. Based on the manufacturer's SDS for the pure fragrance (version 1 of 23/01/2025, issued 23/07/2026), allergen declaration and IFRA 51st Amendment certificate (24/09/2025). Classification of the 5% preparation calculated by Eco Candle Project. |
| <b>Abbreviations</b> | ATE = Acute Toxicity Estimate; UFI = Unique Formula Identifier; PCN = Poison Centre Notification; SCL = specific concentration limit; OTNE = tetramethyl acetyloctahydronaphthalenes; 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. **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.



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 (5%)**

| Hazard class       | Fragrance 100%              | Calculation at 5% / threshold            | Result at 5%             |
|--------------------|-----------------------------|------------------------------------------|--------------------------|
| Aspiration hazard  | Asp. Tox. 1                 | $\Sigma = 0.54\% / \geq 10\%$            | Not classified           |
| Skin irritation    | Skin Irrit. 2               | $\Sigma = 0.00\% / \geq 10\%$            | Not classified           |
| Eye irritation     | Eye Irrit. 2                | $\Sigma = 0.0\% / \geq 10\%$             | Not classified           |
| Skin sensitisation | Skin Sens. 1                | acetyl cedrene 0.90% / $\geq 1\%$        | Not classified (EUH208)  |
| Aquatic acute      | Aquatic Acute 1             | $\Sigma M \times A1 = 1.9\% / \geq 25\%$ | Not classified           |
| Aquatic chronic    | Aquatic Chronic 1           | C2: 24.3%; C3: 243.0% / $\geq 25\%$      | Aquatic Chronic 3 — H412 |
| Physical hazards   | Not classified (FP 95.4 °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.