SAFETY DATA SHEET

BLUE CEDAR & ORANGE — 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 BLUE CEDAR & ORANGE 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 BLUE CEDAR & ORANGE at 5%
UFI (pure fragrance)	PE00-V04G-E00W-C2J0
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 100.00%), 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 × M × Σ Chronic 1 + Σ Chronic 2 = 3.8% (≥ 25% → Chronic 2); 100 × M × Σ Chronic 1 + 10 × Σ Chronic 2 + Σ Chronic 3 = 38.3%.
Skin sensitisation	Not classified — highest sensitiser 4-tert-Butylcyclohexyl acetate 0.43% < 1%. EUH208 applies (≥ 1/10 of the limit).
Eye irritation	Not classified — Σ Eye Irrit. 2 (≥ 1%) = 0.00% (threshold: 10%).
Skin irritation	Not classified — Σ Skin Irrit. 2 (≥ 1%) = 0.00% (threshold: 10%).
Aspiration hazard	Not classified — Σ Asp. Tox. 1 = 0.36% (threshold: 10%).
Acute toxicity (oral)	Not classified — ATE mix ≈ 162,093 mg/kg (threshold: 2000 mg/kg).
Notes	The pure fragrance (100%) is classified H317, H318 and H411 (DANGER). See Annex — Calculation record.

2.2 Label elements

Hazard pictograms	None
Signal word	None (no pictogram required)

Hazard statements	H412 Harmful to aquatic life with long lasting effects.
Supplemental information	EUH208 Contains 4-tert-Butylcyclohexyl acetate, d-Limonene (orange terpenes). May produce an allergic reaction.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P273 Avoid release to the environment. P501 Dispose of contents/container in accordance with local regulations.
Finished product	Candles: also apply the safety labelling of EN 15494. When supplied to consumers add P101/P102 and the name, address and telephone of the supplier.

2.3 Other hazards

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

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Mixture of fragrance substances. Hazardous components — concentrations refer to the FINAL mixture at 5% (manufacturer's values × 0.05):

Name	Identifiers	%	Classification (EC) No 1272/2008
2-Phenoxyethanol	CAS 122-99-6 EC 204-589-7	0.860	Acute Tox. 4 (oral), H302; Eye Dam. 1, H318; STOT SE 3, H335
4-tert-Butylcyclohexyl acetate	CAS 32210-23-4 EC 250-954-9 REACH 01-2119976286-24	0.425	Skin Sens. 1B, H317
d-Limonene (orange terpenes)	CAS 68647-72-3 / 8028-48-6 EC 232-433-8 REACH 01-2119493353-35	0.200	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317
Benzyl acetate	CAS 140-11-4 EC 205-399-7 REACH 01-2119638272-42	0.105	Aquatic Chronic 3, H412
Patchouli oil (Pogostemon cablin)	CAS 8014-09-3 / 84238-39-1 EC 282-493-4 REACH 01-2119967775-18	0.090	Asp. Tox. 1, H304
Acetyl cedrene	CAS 32388-55-9 EC 251-020-3 REACH 01-2119969651-28	0.085	Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Tetramethyl acetyloctahydronaphthalenes (OTNE)	CAS 54464-57-2 EC 259-174-3 REACH 01-2119489989-04	0.075	Skin Irrit. 2, H315; Aquatic Chronic 1, H410; Skin Sens. 1, H317
Atlas cedarwood oil (Cedrus atlantica)	CAS 8023-85-6 / 92201-55-3 EC 617-018-5	0.070	Asp. Tox. 1, H304; Aquatic Chronic 2, H411
Terpinyl acetate	CAS 8007-35-0 EC 201-265-7 REACH 01-2119980733-29	0.045	Aquatic Chronic 2, H411
Hexyl cinnamal	CAS 101-86-0 EC 202-983-3 REACH 01-2119533092-50	0.025	Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 2, H411
4,4A,5,9B-Tetrahydroindeno[1,2-D]-1,3-Dioxin	CAS 18096-62-3 EC 241-997-4 REACH 01-2120760170-66	0.020	Repr. 2, H361f

Name	Identifiers	%	Classification (EC) No 1272/2008
Triplal (2,4-dimethylcyclohex-3-ene-1-carbaldehyde)	CAS 68039-49-6 EC 268-264-1 REACH 01-2119982384-28	0.015	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 2, H411
Ethyl 2-naphthyl ether (nerolin)	CAS 93-18-5 EC 202-226-7 REACH 01-2120176465-49	0.010	Aquatic Chronic 2, H411; Eye Irrit. 2, H319
Nerol	CAS 106-25-2 EC 203-378-7 REACH 01-2120051251-69	0.010	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2, H319
Hexamethylindanopyran (HHCB)	CAS 1222-05-5 EC 214-946-9	0.005	Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Amyl cinnamal	CAS 122-40-7 EC 204-541-5 REACH 01-2119978288-18	0.005	Aquatic Chronic 2, H411; Skin Sens. 1, H317
Hydroxycitronellal	CAS 107-75-5 EC 203-518-7 REACH 01-2119973482-31	0.005	Skin Sens. 1B, H317; Eye Irrit. 2, H319
Eugenol	CAS 97-53-0 EC 202-589-1 REACH 01-2119971802-33	0.005	Skin Sens. 1B, H317; Eye Irrit. 2, H319
Coumarin	CAS 91-64-5 EC 202-086-7 REACH 01-2119949300-45	0.005	Acute Tox. 4 (oral), H302; Aquatic Chronic 3, H412; Skin Sens. 1, H317
2-tert-Butylcyclohexyl acetate	CAS 88-41-5 EC 201-828-7 REACH 01-2119970713-33	0.003	Aquatic Chronic 2, H411
Inert base	—	95	Not classified

Full text of H-statements: see Section 16.

SECTION 4: First aid measures

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

SECTION 5: Firefighting measures

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

SECTION 6: Accidental release measures

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

SECTION 7: Handling and storage

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

SECTION 8: Exposure controls/personal protection

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

SECTION 9: Physical and chemical properties

Physical state	Liquid
Odour	Characteristic — cedarwood, orange
Flash point	Not determined for the preparation; pure fragrance: not stated by the manufacturer (not classified as flammable)
Density	Depends on the base
Solubility	Insoluble in water

SECTION 10: Stability and reactivity

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

SECTION 11: Toxicological information

Acute toxicity (oral)	Not classified (ATE ≈ 162,093 mg/kg)
Skin corrosion/irritation	Not classified
Eye irritation	Not classified
Skin sensitisation	Not classified (EUH208)
Aspiration hazard	Not classified

Mutagenicity, carcinogenicity, reproductive toxicity, STOT	Not classified

SECTION 12: Ecological information

12.1 Toxicity	Aquatic Chronic 3 — H412. Main contributors: d-Limonene (orange terpenes), acetyl cedrene, tetramethyl acetyloctahydronaphthalenes (OTNE), atlas cedarwood oil (Cedrus atlantica) and hexamethylindanopyran (HHCB).
12.2–12.7	No data for the mixture. No PBT/vPvB or endocrine-disrupting substances ≥ 0.1%. Do not allow to enter drains or watercourses.

SECTION 13: Disposal considerations

Product	Dispose of through a licensed waste operator according to local/national regulations. Do not discharge to drains.
Hazardous properties (waste)	HP14
Contaminated packaging	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

EU regulations	Regulation (EC) No 1272/2008 (CLP); Regulation (EC) No 1907/2006 (REACH); Regulation (EU) 2020/878.
SVHC / Annex XIV / Annex XVII	No SVHC ≥ 0.1%; no Annex XIV substances.
PCN / UFI	Not required — the mixture is classified only for an environmental hazard.
IFRA (51st)	Reed diffusers (Cat. 10A): no restriction (100%) — 5% complies. Room sprays (Cat. 10B): no restriction (100%) — complies.

SECTION 16: Other information

Revision	Version 1.0 — Eco Candle Project edition, 22/10/2026. Based on the manufacturer's SDS for the pure fragrance (version 1 of 03/06/2025, issued 23/07/2026), IFRA 51st Amendment certificate (23/07/2026). Classification of the 5% preparation calculated by Eco Candle Project.
Abbreviations	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. **H318** Causes serious eye damage. **H319** Causes serious eye irritation. **H335** May cause respiratory irritation. **H361f** Suspected of damaging fertility. **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%
Acute toxicity (oral)	Not classified (ATE 8,105)	ATE ≈ 162,093 mg/kg / ≤ 2000	Not classified
Aspiration hazard	Not classified	Σ = 0.36% / ≥ 10%	Not classified
Skin irritation	Not classified	Σ = 0.00% / ≥ 10%	Not classified
Eye irritation	Eye Dam. 1	Σ = 0.0% / ≥ 10%	Not classified
Skin sensitisation	Skin Sens. 1	4-tert-Butylcyclohexyl acetate 0.43% / ≥ 1%	Not classified (EUH208)
Aquatic chronic	Aquatic Chronic 2	C2: 3.8%; C3: 38.3% / ≥ 25%	Aquatic Chronic 3 — H412
Physical hazards	Not classified	non-flammable base	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.