

SAFETY DATA SHEET

THYME, BERGAMOT & MUSK — 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 THYME, BERGAMOT & MUSK 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 THYME, BERGAMOT & MUSK at 5%
UFI (pure fragrance)	K200-U0CW-600R-QTM2
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 37.03%), 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)
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Result	MIXTURE CLASSIFIED AS HAZARDOUS — H317, H412
Aquatic hazard, chronic	Aquatic Chronic 3 — H412. $10 \times M \times \Sigma \text{Chronic 1} + \Sigma \text{Chronic 2} = 9.9\%$ ($\geq 25\% \rightarrow \text{Chronic 2}$); $100 \times M \times \Sigma \text{Chronic 1} + 10 \times \Sigma \text{Chronic 2} + \Sigma \text{Chronic 3} = 99.0\%$.
Skin sensitisation	Skin Sens. 1 — H317. Sweet orange oil 1.38% is $\geq$ the concentration limit (1% generic).
Eye irritation	Not classified — $\Sigma \text{Eye Irrit. 2} (\geq 1\%) = 0.00\%$ (threshold: 10%).
Skin irritation	Not classified — $\Sigma \text{Skin Irrit. 2} (\geq 1\%) = 1.38\%$ (threshold: 10%).
Aspiration hazard	Not classified — $\Sigma \text{Asp. Tox. 1} = 1.56\%$ (threshold: 10%).
Acute toxicity (oral)	Not classified — ATE mix $\approx 344,828 \text{ mg/kg}$ (threshold: 2000 mg/kg).
Acute toxicity (inhalation)	Not classified — ATE mix (dust/mist) $\approx 71.4 \text{ mg/L}$ (Category 4: $\leq 5 \text{ mg/L}$).
Notes	The pure fragrance (100%) is classified H304, H315, H317, H319, H332 and H411 (DANGER). See Annex — Calculation record.

2.2 Label elements



GHS07

Hazard pictograms	GHS07
Signal word	Warning
Contains (hazard-determining)	Sweet orange oil
Hazard statements	H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects.
Supplemental information	EUH208 Contains Linalyl acetate, Acetyl cedrene, Linalool, Benzyl salicylate, Hexyl cinnamal, 4-tert-Butylcyclohexyl acetate. 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. P261 Avoid breathing mist/vapours/spray. P273 Avoid release to the environment. P280 Wear protective gloves/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. 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) $\geq 0.1\%$, 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
Sweet orange oil (Citrus aurantium dulcis)	CAS 8028-48-6 / 8008-57-9 EC 232-433-8 REACH 01-2119493353-35	1.38	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Aquatic Chronic 2, H411; Skin Sens. 1, H317
Linalyl acetate	CAS 115-95-7 EC 204-116-4 REACH 01-2119454789-19	0.584	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2, H319
Acetyl cedrene	CAS 32388-55-9 EC 251-020-3 REACH 01-2119969651-28	0.475	Skin Sens. 1B, H317; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410 (M = 1)
Linalool	CAS 78-70-6 EC 201-134-4 REACH 01-2119474016-42	0.351	Skin Sens. 1B, H317
Benzyl salicylate	CAS 118-58-1 EC 204-262-9 REACH 01-2119969442-31	0.335	Skin Sens. 1B, H317
Hexyl cinnamal	CAS 101-86-0 EC 202-983-3 REACH 01-2119533092-50	0.320	Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 2, H411



Name	Identifiers	%	Classification (EC) No 1272/2008
4-tert-Butylcyclohexyl acetate	CAS 32210-23-4 EC 250-954-9 REACH 01-2119976286-24	0.300	Skin Sens. 1B, H317
Tetrahydro-4-methyl-2-(2-methylpropyl)-2H-pyran-4-ol	CAS 63500-71-0 EC 405-040-6	0.085	Eye Irrit. 2, H319
7-Acetyl-1,1,3,4,4,6-hexamethyl tetralin (AHTN)	CAS 1506-02-1 EC 216-133-4 REACH 01-2119539433-40	0.075	Acute Tox. 4 (oral), H302; Aquatic Acute 1, H400; Aquatic Chronic 1, H410 (M = 1)
Hexamethylindanopyran (HHCb)	CAS 1222-05-5 EC 214-946-9	0.070	Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Allyl amyl glycolate	CAS 67634-00-8 EC 916-328-0 REACH 01-2120794630-50	0.070	Acute Tox. 4 (oral), H302; Acute Tox. 2 (inhalation), H330; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410 (M = 1)
Patchouli oil (Pogostemon cablin)	CAS 8014-09-3 / 84238-39-1 EC 282-493-4 REACH 01-2119967775-18	0.065	Asp. Tox. 1, H304
Citronellyl acetate	CAS 150-84-5 EC 205-775-0 REACH 01-2119959860-27	0.056	Skin Irrit. 2, H315; Aquatic Chronic 2, H411
Juniperus mexicana (cedarwood Texas) oil	CAS 68990-83-0 EC 614-888-8	0.040	Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
2-(2,2,7,7-Tetramethyltricyclo[6.2.1.0 ^{1,6}]undec-5(4)-en-5-yl)propan-1-ol	CAS 929625-08-1 EC 482-030-8	0.035	Skin Irrit. 2, H315; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410 (M = 1); Skin Sens. 1, H317
Geraniol	CAS 106-24-1 EC 203-377-1 REACH 01-2119560621-44	0.030	Skin Sens. 1, H317
Gurjun balsam oil	CAS 8030-55-5 EC 232-444-8	0.030	Asp. Tox. 1, H304; Skin Sens. 1B, H317; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410
beta-Caryophyllene	CAS 87-44-5 EC 201-746-1 REACH 01-2120745237-53	0.026	Asp. Tox. 1, H304; Skin Sens. 1B, H317
Geranyl acetate	CAS 105-87-3 EC 203-341-5 REACH 01-2119973480-35	0.025	Skin Irrit. 2, H315; Aquatic Chronic 3, H412; Skin Sens. 1, H317
Piperonal (heliotropin)	CAS 120-57-0 EC 204-409-7 REACH 01-2119983608-21	0.015	Skin Sens. 1B, H317; Repr. 2, H361fd
d-Limonene (orange terpenes)	CAS 68647-72-3 / 8028-48-6 EC 232-433-8 REACH 01-2119493353-35	0.011	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317
Eucalyptol (1,8-cineole)	CAS 470-82-6 EC 207-431-5 REACH 01-2119967772-24	0.010	Flam. Liq. 3, H226; Skin Sens. 1B, H317
(E)-alpha-Damascone	CAS 24720-09-0 EC 246-430-4	0.005	Acute Tox. 4 (oral), H302; Skin Sens. 1B, H317; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410 (M = 1)
Thymus Vulgaris	CAS 84929-51-1 / 8007-46-3 EC 284-535-7	0.005	Acute Tox. 4 (oral), H302; Asp. Tox. 1, H304; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Chronic 2, H411; Skin Sens. 1, H317
2,6-Dimethyl-5-heptenal	CAS 106-72-9 EC 203-427-2	0.005	Skin Sens. 1B, H317



Name	Identifiers	%	Classification (EC) No 1272/2008
Eugenol	CAS 97-53-0 EC 202-589-1 REACH 01-2119971802-33	0.005	Skin Sens. 1B, H317; Eye Irrit. 2, H319
Cyclamen aldehyde	CAS 103-95-7 EC 203-161-7	0.005	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412
alpha-Pinene	CAS 80-56-8 EC 201-291-9	0.003	Flam. Liq. 3, H226; Acute Tox. 4 (oral), H302; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410 (M = 1)
p-Cymene	CAS 99-87-6 EC 202-796-7 REACH 01-2120807345-59	0.0005	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Acute Tox. 3 (inhalation), H331; Aquatic Chronic 2, H411
Citral	CAS 5392-40-5 EC 226-394-6 REACH 01-2119462829-23	0.0005	Skin Irrit. 2, H315; Skin Sens. 1, H317
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 cause an allergic skin reaction.
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 — thyme, bergamot, musk
Flash point	Not determined for the preparation; pure fragrance > 61 °C (closed cup)
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 $\approx 344,828$ mg/kg)
Acute toxicity (inhalation)	Not classified (ATE ≈ 71.4 mg/L)
Skin corrosion/irritation	Not classified
Eye irritation	Not classified
Skin sensitisation	Skin Sens. 1 — H317
Aspiration hazard	Not classified
Mutagenicity, carcinogenicity, reproductive toxicity, STOT	Not classified

**SECTION 12: Ecological information**

12.1 Toxicity	Aquatic Chronic 3 — H412. Main contributors: acetyl cedrene, sweet orange oil, 7-Acetyl-1,1,3,4,4,6-hexamethyltetralin (AHTN), hexamethylindanopyran (HHCB) and allyl amyl glycolate.
12.2-12.7	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

Product	Dispose of through a licensed waste operator according to local/national regulations. Do not discharge to drains.
Hazardous properties (waste)	HP13, 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 $\geq 0.1\%$; no Annex XIV substances.
Drug precursors	Contains piperonal (CAS 120-57-0, 0.01%), a Category 1 scheduled substance under Regulation (EC) No 273/2004 (Annex I). The mixture is compounded so that the substance cannot be easily used or extracted; nevertheless, keep records of transactions and report any suspicious orders or transactions to the competent authority.
PCN / UFI	Classified for health hazards (H317): a PCN with its own UFI is required if this preparation is placed on the market; the fragrance UFI (K200-U0CW-600R-QTM2) can be declared as a component (MiM).
IFRA (51st)	Reed diffusers (Cat. 10A): max 37.03% — 5% complies. Room sprays (Cat. 10B): no restriction (100%) — complies.

SECTION 16: Other information

Revision	Version 1.0 — Eco Candle Project edition, 28/10/2026. Based on the manufacturer's SDS for the pure fragrance (version 1 of 27/11/2025, issued 28/10/2026), allergen declaration and IFRA 51st Amendment certificate (28/10/2026). 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; AHTN = 7-acetyl-1,1,3,4,4,6-hexamethyltetralin; HHCB = hexamethylindanopyran; SVHC = Substance of Very High Concern.

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

H226 Flammable liquid and vapour. **H302** Harmful if swallowed. **H304** May be fatal if swallowed and enters airways. **H314** Causes severe skin burns and eye damage. **H315** Causes skin irritation. **H317** May cause an allergic skin reaction. **H318** Causes serious eye damage. **H319** Causes serious eye irritation. **H330** Fatal if inhaled. **H331** Toxic if inhaled. **H361fd** Suspected of damaging fertility. Suspected of damaging the unborn child. **H400** Very toxic to aquatic life. **H410** Very toxic to aquatic life with long lasting effects. **H411** Toxic to aquatic life with long lasting effects. **H412** Harmful to aquatic life with long lasting effects.

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 17,241)	ATE $\approx 344,828$ mg/kg / ≤ 2000	Not classified
Acute toxicity (inhalation)	Acute Tox. 4 (ATE 3.57 mg/L)	ATE ≈ 71.4 mg/L / ≤ 5	Not classified
Aspiration hazard	Asp. Tox. 1	$\Sigma = 1.56\%$ / $\geq 10\%$	Not classified
Skin irritation	Skin Irrit. 2	$\Sigma = 1.38\%$ / $\geq 10\%$	Not classified
Eye irritation	Eye Irrit. 2	$\Sigma = 0.0\%$ / $\geq 10\%$	Not classified
Skin sensitisation	Skin Sens. 1	sweet orange oil 1.38% / $\geq 1\%$	Skin Sens. 1 — H317
Aquatic chronic	Aquatic Chronic 2	C2: 9.9%; C3: 99.0% / $\geq 25\%$	Aquatic Chronic 3 — H412
Physical hazards	Not classified (FP > 61 °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.