

SAFETY DATA SHEET

VANILLA & PISTACHIO MACARON — 10% preparation in wax (non hazardous base)

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

△ NOTE: This document applies to the final mixture containing 10% of MACARON AMARETTI PISTACHIO fragrance oil and 90% of inert (non-classified) wax base. All hazard, composition and concentration data have been recalculated from the supplier's original SDS (v1.0, 17/07/2026) using the CLP calculation method.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identification

Product Name	Preparation with MACARON AMARETTI PISTACHIO at 10% in wax
Fragrance Reference	MACARON AMARETTI PISTACHIO
UFI (pure fragrance)	0HWV-V2Y3-800M-CSVK
Base	Inert, non-classified wax (e.g. soy, rapeseed, coconut or paraffin) — 90%
Intended Use	Scented candles, wax melts and scented waxes. Not intended for direct application to skin.

1.2 Company Identification

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

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture



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Classification according to Regulation (EC) No. 1272/2008 [CLP] — calculated at 10% incorporation in an inert base (additivity method, CLP Annex I):

Result	MIXTURE NOT CLASSIFIED AS HAZARDOUS
Eye irritation	Not classified — Σ Eye Irrit. 2 + 10 × Eye Dam. 1 $\leq$ 2.75% (threshold: 10%)
Skin sensitisation	Not classified — no sensitiser reaches its limit (Skin Sens. 1B: 1%; 1A: 0.1%). EUH208 applies.
Aquatic Hazard Chronic	Not classified — Σ (10 × Chronic 2) + Chronic 3 $\leq$ 4.28% (threshold: 25%)
Acute toxicity (oral)	Not classified — ATE mix $\approx$ 54,700 mg/kg (threshold: 2000 mg/kg)
Notes	The pure fragrance (100%) is classified H317, H319 and H412. Diluted to 10% in an inert base, all concentrations fall below the classification thresholds. See Annex — Calculation record.

2.2 Label Elements

Pictograms	None (not required)
Signal Word	None
Hazard Statements	None
Supplemental information	EUH208 — Contains coumarin and 4-hydroxy-2,5-dimethyl-3(2H)-furanone. May produce an allergic reaction.
Finished product (candles)	Candle safety labelling according to EN 15494 is recommended (e.g. never leave a burning candle unattended; keep out of reach of children and pets).

2.3 Other hazards

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

The mixture does not contain substances with endocrine-disrupting properties at $\geq 0.1\%$.

Molten wax: risk of thermal burns during hot handling.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

3.1 Characterisation of the mixture

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Eco Candle Project | Vegteam Lda | Algés, Portugal

September 2026 | Version 1.0

Compliance: Regulation (EC) No. 1272/2008 (CLP) | Regulation (EC) No. 1907/2006 (REACH) | Regulation (EU) 2020/878



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Mixture: VANILLA & PISTACHIO MACARON fragrance at 10% in inert wax base (90%). Concentrations refer to the FINAL mixture at 10% (supplier SDS ranges $\times 0.10$).

Note: All hazardous components declared in the supplier's SDS are listed. The wax base does not contribute to classification.

Substance	CAS No.	Conc. (%)	CLP Classification (component)
Ethyl vanillin	121-32-4	0.50 – <1.00	H319
Vanillin	121-33-5	0.10 – <0.50	H319
Coumarin	91-64-5	0.10 – <0.50	H302, H317 (1B)
Ethyl maltol	4940-11-8	0.10 – <0.50	H302
Benzaldehyde	100-52-7	0.10 – <0.25	H302, H332, H319, H361d, H335, H411
Benzyl acetate	140-11-4	0.10 – <0.25	H412
4-Methoxybenzaldehyde (anisaldehyde)	123-11-5	0.10 – <0.25	H361, H412
Heliotropin (piperonal)	120-57-0	0.01 – <0.10	H317 (1B), H361
Lemon oil	8008-56-8	0.025 – <0.10	H226, H315, H317, H304, H411
Furaneol (4-hydroxy-2,5-dimethyl-3(2H)-furanone)	3658-77-3	0.01 – <0.10	H302, H314, H318, H317 (1A)
d-Limonene	5989-27-5	0.01 – <0.025	H226, H315, H317, H304, H400, H412
Dibenzyl ether	103-50-4	0.01 – <0.025	H317, H400 (M=1), H411
Wax base (inert)	—	90	Not classified

SECTION 4: FIRST-AID MEASURES

4.1 Description of first aid measures



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Eye contact	Rinse immediately with running water for several minutes, keeping eyelids open. Remove contact lenses if easy to do. If irritation persists, seek medical advice.
Skin contact	Wash with soap and water. If skin irritation or rash occurs, seek medical advice. Molten wax: cool immediately with cold water; do not remove adhering wax; seek medical attention for burns.
Inhalation	Vapours during melting: move the person to fresh air and keep at rest. If symptoms persist, seek medical advice.
Ingestion	Rinse mouth. DO NOT induce vomiting. Contact Poison Control: +351 800 250 250.
Symptoms / effects	No significant effects expected under normal conditions of use. In sensitised persons, repeated contact may cause an allergic reaction.
Emergency telephone	Poison Control (CIAV/INEM): +351 800 250 250

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray, alcohol-resistant foam, dry chemical powder, carbon dioxide (CO ₂).
Unsuitable extinguishing media	High-volume water jet (risk of spattering molten/burning wax).
Specific hazards	Molten wax is combustible. Combustion may release smoke, carbon monoxide (CO) and carbon dioxide (CO ₂).
PPE for firefighters	Self-contained breathing apparatus and full protective clothing.
Special remarks	Collect contaminated fire-fighting water separately; it must not enter drains.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid contact with skin and eyes. Beware of slippery surfaces. Molten wax: risk of burns.
Environmental precautions	Prevent entry into drains, watercourses or soil.
Containment/Cleanup	Solid wax: collect mechanically. Molten wax: allow to solidify and scrape up; absorb liquid residues with inert material (sand, vermiculite, diatomaceous earth). Place in a closed container.
Disposal	See Section 13.



SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Melt the wax with controlled heating and good ventilation. Add the fragrance at a moderate temperature (typically 75–85 °C, or as per the wax technical data sheet) and never above the fragrance flash point (106 °C). Do not leave melting wax unattended. Do not eat, drink or smoke while handling. Wash hands after use.

7.2 Conditions for safe storage

Store in a cool, dry, well-ventilated place (10–30 °C), protected from direct sunlight and from heat and ignition sources. Keep containers closed. Keep out of reach of children. Storage class (TRGS 510): 11 — Combustible solids.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

No occupational exposure limits (OEL) apply to this mixture at 10%. The supplier's SDS lists no OELs for the components. DNEL and PNEC not available for the mixture.

8.2 Exposure controls

Engineering controls	Adequate general ventilation; local exhaust recommended during melting and hot pouring.
Hand protection	Nitrile gloves (EN ISO 374) when handling the mixture; heat-resistant gloves (EN 407) for molten wax.
Eye protection	Safety glasses with side shields (EN 166).
Respiratory protection	Not required under normal conditions with adequate ventilation.
Thermal hazards	Molten wax: risk of burns. Wear clothing covering the arms.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



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Physical state	Solid at 20 °C (wax); liquid when molten
Colour	White/ivory to pale yellow (depends on wax base)
Odour	Characteristic — gourmand, vanilla and pistachio, fruity notes
pH	Not applicable
Melting point	Depends on wax base (typically 45–65 °C)
Flash point	> 100 °C (estimated; pure fragrance: 106 °C, closed cup; wax base typically > 200 °C)
Density	≈ 0.90–0.96 g/cm ³ at 20 °C (pure fragrance: 0.957 g/cm ³)
Solubility	Insoluble in water; soluble in oils and organic solvents
Vapour pressure	Low (pure fragrance: 0.1158 hPa at 20 °C, calculated)

SECTION 10: STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions of use and storage.
Reactivity	Does not decompose if stored and used as directed.
Conditions to avoid	Overheating of the wax, open flames and ignition sources, prolonged direct sunlight.
Incompatible materials	Strong oxidising agents.
Hazardous decomposition products	In case of incomplete combustion: CO, CO ₂ and smoke.

SECTION 11: TOXICOLOGICAL INFORMATION

This mixture at 10% has not been tested as a whole. The assessment is based on the CLP calculation method, using component data from the supplier's SDS (v1.0, 17/07/2026).

Acute toxicity (oral): calculated ATE mix ≈ 54,700 mg/kg (pure fragrance: > 2000 mg/kg) — not classified.

Eye irritation: not classified at 10% (pure fragrance: Eye Irrit. 2, H319).

Skin sensitisation: not classified at 10% (pure fragrance: Skin Sens. 1, H317). Coumarin and furaneol present above 1/10 of their limit — EUH208.

Germ cell mutagenicity, carcinogenicity, reproductive toxicity, STOT and aspiration hazard: not classified (Repr. 2 components individually < 3%).



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SECTION 12: ECOLOGICAL INFORMATION

Aquatic toxicity (at 10%): not classified — $\Sigma (10 \times \text{Chronic } 2) + \text{Chronic } 3 \leq 4.28\%$ (threshold: 25%).

Note: The pure fragrance (100%) classifies Aquatic Chronic 3, H412; at 10% in an inert base it falls below the threshold.

Persistence and degradability: not available for the mixture.

Bioaccumulative potential: not available.

PBT/vPvB assessment: the mixture does not contain PBT or vPvB substances at $\geq 0.1\%$ (REACH Annex XIII).

Other effects: avoid release of significant quantities to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Product waste: at 10% in inert wax, no HP properties apply. Dispose of according to local/national regulations. Do not discharge to sewers.

Contaminated packaging: empty completely; recycle or dispose of through an authorised waste operator.

Consult: local waste management authorities for specific guidance.

SECTION 14: TRANSPORT INFORMATION

Transport classification (at 10%):

- UN number: not applicable
- Proper shipping name: not regulated
- Class / Packing group: not applicable
- Environmental hazard / marine pollutant: no

Note: Not classified as dangerous goods (ADR/RID/IMDG/IATA). The pure fragrance MACARON AMARETTI PISTACHIO 100%) is also not classified for transport.



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SECTION 15: REGULATORY INFORMATION

Applicable Regulations:

- Regulation (EC) No. 1272/2008 (CLP) — Classification and labelling
- Regulation (EC) No. 1907/2006 (REACH) — Restrictions and assessment
- Regulation (EU) 2020/878 — SDS format and requirements

SDS: mixture not classified; SDS provided on request under REACH Article 31(3) (contains $\geq 0.1\%$ of a skin sensitiser and of Repr. 2 substances).

PCN notification (CLP Annex VIII): not applicable — mixture not classified for health or physical hazards.

REACH Annex XVII: pure fragrance subject to entries 3 and 75 (tattoo inks — not relevant to candle use).
No SVHC or Annex XIV substances.

IFRA: use within the IFRA limits applicable to candles/air care; refer to the fragrance's IFRA certificate.
Chemical Safety Assessment: not performed.

SECTION 16: OTHER INFORMATION

Date of preparation/revision: September 2026 — 10% preparation based on the VANILLA & PISTACHIO MACARON SDS v1.0 (17/07/2026).

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

Sources: MACARON AMARETTI PISTACHIO SDS v1.0; CLP Regulation (Annex I — calculation methods for mixtures); REACH.

Full text of H-statements (Section 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. H332 Harmful if inhaled. H335 May cause respiratory irritation. H361 Suspected of damaging fertility or the unborn child. H361d Suspected of damaging the unborn child. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

Acronyms: ATE = Acute Toxicity Estimate; UFI = Unique Formula Identifier; DNEL = Derived No Effect Level; PNEC = Predicted No Effect Concentration; PBT = Persistent, Bioaccumulative and Toxic; vPvB = very



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Persistent and very Bioaccumulative; OEL = Occupational Exposure Limit; PCN = Poison Centre Notification.

This document has been prepared based on the best information available and is intended exclusively for internal use and B2B communication. Eco Candle Project assumes no liability for unintended uses of the mixture. If a base other than an inert, non-classified wax is used, the classification must be recalculated.

ANNEX — CALCULATION RECORD (10% IN INERT WAX)

Method: upper limit of each range in the supplier's SDS $\times 0.10$ (conservative approach); wax base = 0% contribution. CLP Annex I additivity rules and generic thresholds.

Hazard class	Fragrance 100% (supplier)	Calculation at 10% (max.) / threshold	Result at 10%
Acute toxicity (oral)	Not classified (ATE > 2000)	$100/\text{ATE} = 0.5/500 + 0.25/1300 + 0.5/1150 + 0.1/500 \rightarrow \text{ATE} \approx 54,700 \text{ mg/kg} / \leq 2000$	Not classified
Skin corrosion/irritation	Not classified	10×0.10 (Skin Corr. 1B) + 0.125 (Skin Irrit. 2) = $1.13\% / \geq 10\%$	Not classified
Serious eye damage/irritation	Eye Irrit. 2 — H319	1.75 (Eye Irrit. 2) + 10×0.10 (Eye Dam. 1) = $2.75\% / \geq 10\%$	Not classified
Skin sensitisation	Skin Sens. 1 — H317	Coumarin 0.50% (1B, limit 1%); furaneol < 0.10% (1A, limit 0.1%); heliotropin and lemon oil < 0.10% (limit 1%)	Not classified + EUH208 (coumarin, furaneol)
Reproductive toxicity	Not classified	Max. individual Repr. 2: $0.25\% / \geq 3\%$	Not classified
STOT SE 3 / Aspiration	Not classified	H335: $0.25\% / \geq 20\%$; Asp. Tox. 1: $0.125\% / \geq 10\%$	Not classified
Aquatic acute	Not classified	$\Sigma \text{Acute } 1 \times M = 0.05\% / \geq 25\%$	Not classified
Aquatic chronic	Aquatic Chronic 3 — H412	10×0.375 (Chronic 2) + 0.525 (Chronic 3) = $4.28\% / \geq 25\%$	Not classified
Physical hazards	Not classified (FP 106 °C)	Solid; FP > 100 °C	Not classified



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EUH208 threshold: $\geq 1/10$ of the sensitiser concentration limit — Skin Sens. 1B $\geq 0.1\%$; Skin Sens. 1A $\geq 0.01\%$. Coumarin (0.10–0.50%) and furaneol (0.01–0.10%) exceed the threshold; heliotropin, lemon oil, d-limonene and dibenzyl ether do not.

Conclusion: the mixture at 10% in inert wax is NOT classified as hazardous. Mandatory CLP labelling is limited to the EUH208 statement.