

SAFETY DATA SHEET

BLANC PUR — 10% preparation in non-hazardous wax 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 10% of BLANC PUR fragrance and 90% of non-hazardous wax 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 BLANC PUR at 10%
UFI (pure fragrance)	KJH1-R02E-K006-HVCQ
Type of product	Perfumes, fragrances
Base	Non-hazardous, non-classified wax (e.g. soy, rapeseed, coconut or paraffin) — 90%

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

Identified uses	Scented candles, wax melts and scented waxes.
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. $10 \times M \times \Sigma \text{Chronic 1} + \Sigma \text{Chronic 2} = 23.0\%$ ($\geq 25\% \rightarrow \text{Chronic 2}$); $100 \times M \times \Sigma \text{Chronic 1} + 10 \times \Sigma \text{Chronic 2} + \Sigma \text{Chronic 3} = 230.4\%$.
Skin sensitisation	Not classified — highest sensitiser methylenedioxypheyl methylpropanal $0.35\% < 1\%$. EUH208 applies ($\geq 1/10$ of the limit).
Eye irritation	Not classified — $\Sigma \text{Eye Irrit. 2} (\geq 1\%) = 1.00\%$ (threshold: 10%).
Skin irritation	Not classified — $\Sigma \text{Skin Irrit. 2} (\geq 1\%) = 0.00\%$ (threshold: 10%).
Aspiration hazard	Not classified — $\Sigma \text{Asp. Tox. 1} = 0.00\%$ (threshold: 10%).
Reproductive toxicity	Not classified — Highest Repr. 2 component 0.35% (generic limit: 3%).
Notes	The pure fragrance (100%) is classified H317, H319, H361 and H411 (WARNING). See Annex — Calculation record.
Manufacturer cross-check	Consistent with the manufacturer's SDS for the 10% dilution, dated 03/06/2025: H412.



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 Methylenedioxyphenyl methylpropanal, Ethyl linalool (3,7-dimethylnona-1,6-dien-3-ol), Cyclamen aldehyde, 2-(2,2,7,7-Tetramethyltricyclo[6.2.1.0 ^{1,6}]undec-5(4)-en-5-yl)propan-1-ol, 3-Methylcyclopentadecenone, Dihydro pentamethylindanone. 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) $\geq 0.1\%$, 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 10% (manufacturer's values $\times 0.10$):

Name	Identifiers	%	Classification (EC) No 1272/2008
Hexamethylindanopyran (HHCB)	CAS 1222-05-5 EC 214-946-9	1.71	Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Pentadecan-15-olide	CAS 106-02-5 EC 203-354-6	0.400 - 1.00	Aquatic Chronic 2, H411
Tetrahydro-4-methyl-2-(2-methylpropyl)-2H-pyran-4-ol	CAS 63500-71-0 EC 405-040-6	0.400 - 1.00	Eye Irrit. 2, H319
Methylenedioxyphenyl methylpropanal	CAS 1205-17-0 EC 214-881-6	0.300 - 0.400	Skin Sens. 1B, H317; Aquatic Chronic 2, H411; Repr. 2, H361
Ethyl linalool (3,7-dimethylnona-1,6-dien-3-ol)	CAS 10339-55-6 EC 233-732-6	0.200 - 0.400	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2, H319
Cyclamen aldehyde	CAS 103-95-7 EC 203-161-7	0.100 - 0.200	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412
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	0.100 - 0.200	Skin Irrit. 2, H315; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317
Indeno-dioxin (magnolan)	CAS 27606-09-3 EC 248-561-2	0.121 - 0.200	Acute Tox. 4 (oral), H302
Methyl ionone	CAS 1335-46-2 / 127-51-5 EC 204-846-3	0.100 - 0.121	Skin Irrit. 2, H315; Aquatic Chronic 2, H411; Eye Irrit. 2, H319
Tricyclodecenyl isobutyrate	CAS 17511-60-3 EC 241-514-7	0.100 - 0.121	Aquatic Chronic 2, H411; Eye Irrit. 2, H319
3-Methylcyclopentadecenone	CAS 63314-79-4 / 82356-51-2 EC 429-900-5	0.040 - 0.100	Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317
Dihydro pentamethylindanone	CAS 33704-61-9 EC 251-649-3	0.040 - 0.100	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 2, H411; Eye Irrit. 2, H319



Name	Identifiers	%	Classification (EC) No 1272/2008
2-Methyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	CAS 28219-60-5 EC 248-907-2	0.040 – 0.100	Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Eye Irrit. 2, H319
β-Methyl-3-(1-methylethyl)benzenepropanal	CAS 125109-85-5 EC 412-050-4	0.010 – 0.040	Aquatic Chronic 2, H411
Citral	CAS 5392-40-5 EC 226-394-6	0.010	Skin Irrit. 2, H315; Skin Sens. 1, H317
Terpinyl acetate	CAS 8007-35-0 EC 232-357-5	0.002 – 0.010	Aquatic Chronic 2, H411
2-Methylundecanal	CAS 110-41-8 EC 203-765-0	0.002 – 0.010	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410 (M = 1)
Acetyl cedrene	CAS 32388-55-9 EC 251-020-3	0.002	Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Terpinolene	CAS 586-62-9 EC 209-578-0	0.002	Asp. Tox. 1, H304; Skin Sens. 1B, H317; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410
Undec-10-enal	CAS 112-45-8 EC 203-973-1	< 0.002	Skin Irrit. 2, H315; Aquatic Chronic 2, H411
Oxacyclohexadecen-2-one	CAS 34902-57-3 / 111879-80-2	< 0.002	Aquatic Acute 1, H400; Aquatic Chronic 1, H410
2,6,10-Trimethylundec-9-enal	CAS 141-13-9 EC 205-460-8	< 0.002	Skin Sens. 1B, H317; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410 (M = 1)
Inert base	—	90	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. Molten wax: cool immediately with cold water; do not remove adhering wax; seek medical attention for burns.
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	Solid wax: collect mechanically. Molten wax: allow to solidify and scrape up.

**SECTION 7: Handling and storage**

7.1 Safe handling	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 data sheet) and well below the fragrance flash point. Do not leave melting wax unattended. Wash hands after use.
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	Exposure limits listed by the manufacturer: Citral, CAS 5392-40-5 — Portugal: 5 ppm (8 h TWA, inhalable fraction and vapour; dermal sensitiser); Diethyl phthalate, CAS 84-66-2 — 5 mg/m ³ (8 h TWA); 10 mg/m ³ (STEL) — as listed by the manufacturer. 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. Molten wax: heat-resistant gloves (EN 407).
Respiratory protection	Not required with adequate ventilation; otherwise filter type A (EN 14387).

SECTION 9: Physical and chemical properties

Physical state	Solid at 20 °C (wax); liquid when molten
Odour	Characteristic — citrus, jasmine, white musk
Flash point	Not determined for the preparation; pure fragrance: not stated by the manufacturer
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
Skin corrosion/irritation	Not classified
Eye irritation	Not classified
Skin sensitisation	Not classified (EUH208)
Aspiration hazard	Not classified
Reproductive toxicity	Not classified (highest Repr. 2 component 0.35% < 3%)
Mutagenicity, carcinogenicity, STOT	Not classified

**SECTION 12: Ecological information**

12.1 Toxicity	Aquatic Chronic 3 — H412. Main contributors: hexamethylindanopyran (HHCB), 2-(2,2,7,7-Tetramethyltricyclo[6.2.1.0 ^{1,6}]undec-5(4)-en-5-yl)propan-1-ol, pentadecan-15-olide, 3-Methylcyclopentadecenone and 2-Methyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol.
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)	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 10% — Aquatic Chronic 3 is not regulated for transport. The pure fragrance (100%) is UN 3082, Class 9, PG III. Finished candles are articles and are not regulated.

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.
PCN / UFI	Not required — the mixture is classified only for an environmental hazard.
IFRA (51st)	Candles (Cat. 12): no restriction — 10% complies.

SECTION 16: Other information

Revision	Version 1.0 — Eco Candle Project edition, 21/10/2026. Based on the manufacturer's SDS for the pure fragrance (version 1 of 17/01/2025, issued 17/01/2025), allergen declaration and IFRA 51st Amendment certificate (17/01/2025). The manufacturer's SDS for the pure fragrance lists the hazardous components and its classification (H317, H319, H361, H411) but does not state their concentrations. Eco Candle Project derived each concentration range from the manufacturer's SDSs for the 5%, 10% and 25% dilutions (03/06/2025), the order of the components in the pure-fragrance SDS and the exact values of the manufacturer's allergen declaration (hexamethylindanopyran 17.1%, methyl ionone 1.21%, citral 0.10%, acetyl cedrene, terpinolene). The upper limit of each range was used, except for helional (3-4%) and ethyl linalool (2-4%), for which the midpoint is used because the manufacturer's 25% SDS shows both below 1% at that dilution. With these values the calculation reproduces the manufacturer's classification of the pure fragrance and of the 5%, 10% and 25% dilutions (H412; H412; H411). The IFRA Category 10A limit (4.16%) does not allow a 25% reed-diffuser preparation; the diffuser SDS is therefore issued for 4% in Augeo Clean Multi. The fragrance contains diethyl phthalate (DEP, listed by the manufacturer without concentration); DEP is not an SVHC and is not restricted by REACH Annex XVII. Classification of the 10% preparation calculated by Eco Candle Project.
Abbreviations	ATE = Acute Toxicity Estimate; UFI = Unique Formula Identifier; PCN = Poison Centre Notification; SCL = specific concentration limit; HHCB = hexamethylindanopyran; SVHC = Substance of Very High Concern.

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

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. **H361** Suspected of damaging fertility or 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 (10%)

Hazard class	Fragrance 100%	Calculation at 10% / threshold	Result at 10%
Aspiration hazard	Not classified	$\Sigma = 0.00\% / \geq 10\%$	Not classified
Skin irritation	Not classified	$\Sigma = 0.00\% / \geq 10\%$	Not classified
Eye irritation	Eye Irrit. 2	$\Sigma = 1.0\% / \geq 10\%$	Not classified
Skin sensitisation	Skin Sens. 1	methylenedioxyphenyl methylpropanal $0.35\% / \geq 1\%$	Not classified (EUH208)
Reproductive toxicity	Repr. 2	$0.35\% / \geq 3\%$	Not classified
Aquatic chronic	Aquatic Chronic 2	C2: 23.0%; C3: 230.4% / $\geq 25\%$	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.