SAFETY DATA SHEET

CRANBERRY PEAR BELLINI — 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 CRANBERRY PEAR BELLINI 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 CRANBERRY PEAR BELLINI at 10%
UFI (pure fragrance)	6EC0-J3AP-H00G-KVHX
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 × M × Σ Chronic 1 + Σ Chronic 2 = 6.1% (≥ 25% → Chronic 2); 100 × M × Σ Chronic 1 + 10 × Σ Chronic 2 + Σ Chronic 3 = 61.3%. Components below the generic cut-off values of Annex I, Table 1.1 (1%; 0.1% ÷ M for Acute 1 / Chronic 1) are not taken into account (13 components).
Skin sensitisation	Not classified — highest sensitiser geranyl acetate 0.60% < 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 = 0.60% (threshold: 10%).
Acute toxicity (oral)	Not classified — ATE mix ≈ 12,123 mg/kg (threshold: 2000 mg/kg).
Acute toxicity (inhalation)	Not classified — ATE mix (dust/mist) ≈ 100.0 mg/L (Category 4: ≤ 5 mg/L).
Notes	The pure fragrance (100%) is classified H302, H315, H317, H400 and H411 (WARNING). See Annex — Calculation record.
Manufacturer cross-check	Consistent with the manufacturer's SDS for the 10% dilution: 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 Geranyl acetate, Grapefruit oil, Ethyl methylphenylglycidate (strawberry aldehyde), Linalool, Hexyl salicylate, Hexyl cinnamal. 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 10% (manufacturer's values × 0.10):

Name	Identifiers	%	Classification (EC) No 1272/2008
Benzyl benzoate	CAS 120-51-4 EC 204-402-9 REACH 01-2119976371-33	2.03 – 4.05	Acute Tox. 4 (oral), H302; Aquatic Acute 1, H400; Aquatic Chronic 2, H411
2-tert-Butylcyclohexyl acetate	CAS 88-41-5 EC 201-828-7 REACH 01-2119970713-33	0.410 – 0.810	Aquatic Chronic 2, H411
Geranyl acetate	CAS 105-87-3 EC 203-341-5 REACH 01-2119973480-35	0.300 – 0.595	Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412
Grapefruit oil (Citrus paradisi)	CAS 8016-20-4 EC 600-007-4	0.300 – 0.595	Flam. Liq. 3, H226; Skin Irrit. 2, H315; Skin Sens. 1, H317; Asp. Tox. 1, H304; Aquatic Chronic 2, H411
Ethyl methylphenylglycidate (strawberry aldehyde)	CAS 77-83-8 EC 201-061-8 REACH 01-2119967770-28	0.230 – 0.450	Skin Sens. 1B, H317; Aquatic Chronic 2, H411
Linalool	CAS 78-70-6 EC 201-134-4 REACH 01-2119474016-42	0.210 – 0.415	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
gamma-Undecalactone	CAS 104-67-6 EC 203-225-4 REACH 01-2119959333-34	0.180 – 0.355	Aquatic Chronic 3, H412
Hexyl salicylate	CAS 6259-76-3 EC 228-408-6	0.100 – 0.208	Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Ethyl vanillin	CAS 121-32-4 EC 204-464-7	0.100 – 0.205	Eye Irrit. 2, H319
Hexyl cinnamal	CAS 101-86-0 EC 202-983-3 REACH 01-2119533092-50	0.100 – 0.205	Skin Sens. 1, H317; Aquatic Chronic 2, H411
Terpinyl acetate	CAS 80-26-2 EC 201-265-7	0.100 – 0.205	Aquatic Chronic 2, H411

Name	Identifiers	%	Classification (EC) No 1272/2008
4-(4-Hydroxyphenyl)butan-2-one (raspberry ketone)	CAS 5471-51-2 EC 226-806-4	0.090 – 0.185	Acute Tox. 4 (oral), H302
Isoamyl acetate	CAS 123-92-2 EC 204-662-3 REACH 01-2119548408-32	0.080 – 0.150	Flam. Liq. 3, H226
Ethyl linalool (3,7-dimethylnona-1,6-dien-3-ol)	CAS 10339-55-6 EC 233-732-6 REACH 01-2119969272-32	0.050 – 0.095	Eye Irrit. 2, H319; Skin Sens. 1B, H317
Citral	CAS 5392-40-5 EC 226-394-6 REACH 01-2119462829-23	0.030 – 0.050	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317
Allyl amyl glycolate	CAS 67634-00-8 EC 266-803-5	0.030 – 0.050	Acute Tox. 4 (oral), H302; Acute Tox. 2 (inhalation), H330; Aquatic Chronic 1, H410
beta-Damascenone (rose ketone)	CAS 23696-85-7 EC 245-833-2	0.030 – 0.050	Skin Sens. 1, H317; Aquatic Chronic 2, H411
Triplal (2,4-dimethylcyclohex-3-ene-1-carbaldehyde)	CAS 68039-49-6 EC 268-264-1	0.020 – 0.039	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 3, H412
Benzyl acetate	CAS 140-11-4 EC 205-399-7 REACH 01-2119638272-42	0.020 – 0.035	Aquatic Chronic 3, H412
Lemongrass oil (Cymbopogon flexuosus)	CAS 8007-02-1 EC 616-903-3	0.010 – 0.025	Aquatic Chronic 3, H412; Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1B, H317
Ethyl acetoacetate	CAS 141-97-9 EC 205-516-1	0.010	
1-Decanol	CAS 112-30-1 EC 203-956-9	< 0.0003	Aquatic Chronic 3, H412
Hexanal	CAS 66-25-1 EC 200-624-5	< 0.0001	Flam. Liq. 3, H226
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 below the fragrance flash point (80 °C). 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: Isopentyl acetate, CAS 123-92-2 — EU IOELV / Portugal: 270 mg/m³ – 50 ppm (8 h TWA); 540 mg/m³ – 100 ppm (STEL); Benzyl acetate, CAS 140-11-4 — Portugal: 10 ppm (8 h TWA); Citral, CAS 5392-40-5 — Portugal: 5 ppm (8 h TWA). 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 — cranberry, pear, citrus
Flash point	Not determined for the preparation; pure fragrance 80 °C
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 ≈ 12,123 mg/kg)
Acute toxicity (inhalation)	Not classified (ATE ≈ 100.0 mg/L)
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: benzyl benzoate, hexyl salicylate, 2-tert-Butylcyclohexyl acetate, grapefruit oil and allyl amyl glycolate.
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 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 ≥ 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 1.1 — Eco Candle Project edition, 04/11/2026. Based on the manufacturer's SDS for the pure fragrance (version 1.0 of 19/07/2024, issued 22/07/2024), allergen declaration and IFRA 51st Amendment certificate (22/07/2024). The manufacturer declares component concentrations as ranges; the classification was calculated using the upper limit of each range, which coincides with the exact values given in the manufacturer's IFRA certificate and allergen declaration (e.g. benzyl benzoate 40.54%, grapefruit oil 5.95%). The calculation reproduces the manufacturer's classification of the pure fragrance (H302, H315, H317, H400, H411); the manufacturer's label element H410 is not supported by its own classification (Aquatic Chronic 2) and is not used. The 5% and 10% preparations are consistent with the manufacturer's SDSs for those dilutions (H412). Because the IFRA Category 10A limit is 4.68%, the diffuser preparation was calculated at 4% in Augeo Clean Multi instead of 25%. Changes from version 1.0 (21/10/2026): the generic cut-off values of Regulation (EC) No 1272/2008, Annex I, Table 1.1 are now applied in the summation method for aquatic hazards (ingredients below 1 % — or 0.1 % ÷ M for Aquatic Acute 1 / Chronic 1 — are not taken into account). 4% preparation: H319, H412 → H319. Composition, other hazard classes and IFRA limits unchanged. 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; 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. **H330** Fatal if inhaled. **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%
Acute toxicity (oral)	Not classified (ATE 1,212)	ATE ≈ 12,123 mg/kg / ≤ 2000	Not classified
Acute toxicity (inhalation)	Not classified (ATE 10.00 mg/L)	ATE ≈ 100.0 mg/L / ≤ 5	Not classified
Aspiration hazard	Not classified	Σ = 0.60% / ≥ 10%	Not classified
Skin irritation	Skin Irrit. 2	Σ = 0.00% / ≥ 10%	Not classified
Eye irritation	Not classified	Σ = 0.0% / ≥ 10%	Not classified
Skin sensitisation	Skin Sens. 1	geranyl acetate 0.60% / ≥ 1%	Not classified (EUH208)
Aquatic acute	Aquatic Acute 1	Σ M × A1 = 4.3% / ≥ 25%	Not classified
Aquatic chronic	Aquatic Chronic 2	C2: 6.1%; C3: 61.3% / ≥ 25%	Aquatic Chronic 3 — H412
Physical hazards	Not classified (FP 80 °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.