SAFETY DATA SHEET

MIAMI OCEAN DRIVE — 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 MIAMI OCEAN DRIVE 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 MIAMI OCEAN DRIVE at 10%
UFI (pure fragrance)	1RA0-40X3-G00U-37R5
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 = 6.0% (≥ 25% → Chronic 2); 100 × M × Σ Chronic 1 + 10 × Σ Chronic 2 + Σ Chronic 3 = 60.0%. 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 (11 components).
Skin sensitisation	Not classified — highest sensitiser benzyl salicylate 0.90% < 1%. EUH208 applies (≥ 1/10 of the limit).
Eye irritation	Not classified — Σ Eye Irrit. 2 (≥ 1%) = 1.50% (threshold: 10%).
Skin irritation	Not classified — Σ Skin Irrit. 2 (≥ 1%) = 0.00% (threshold: 10%).
Aspiration hazard	Not classified — Σ Asp. Tox. 1 = 0.00% (threshold: 10%).
Notes	The pure fragrance (100%) is classified H315, H317, H318 and H411 (DANGER). See Annex — Calculation record.
Manufacturer cross-check	Consistent with the manufacturer's SDS for the 10% dilution, dated 23/09/2021: 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 Benzyl salicylate, Linalool, Tetramethyl acetyloctahydronaphthalenes (OTNE), Citronellol, Geraniol, Eugenol. 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
Tetrahydro-4-methyl-2-(2-methylpropyl)-2H-pyran-4-ol	CAS 63500-71-0 EC 405-040-6	1.00 – 2.00	Eye Irrit. 2, H319
Benzyl salicylate	CAS 118-58-1 EC 204-262-9	0.500 – 1.00	Eye Irrit. 2, H319; Skin Sens. 1B, H317; Aquatic Chronic 3, H412
Benzyl acetate	CAS 140-11-4 EC 205-399-7	0.500 – 1.00	Aquatic Chronic 3, H412
Dihydromyrcenol (2,6-dimethyloct-7-en-2-ol)	CAS 18479-58-8 EC 242-362-4	0.500 – 1.00	Skin Irrit. 2, H315; Eye Irrit. 2, H319
Octahydrocoumarin	CAS 4430-31-3 EC 224-623-4	0.100 – 0.500	Eye Dam. 1, H318
2-Phenylethanol	CAS 60-12-8 EC 200-456-2	0.100 – 0.500	Acute Tox. 4 (oral), H302; Eye Irrit. 2, H319
2-Methyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	CAS 28219-60-5 EC 248-907-2	0.100 – 0.500	Eye Irrit. 2, H319; Aquatic Chronic 2, H411
Benzyl benzoate	CAS 120-51-4 EC 204-402-9	0.100 – 0.500	Acute Tox. 4 (oral), H302; Aquatic Acute 1, H400; Aquatic Chronic 2, H411
Linalool	CAS 78-70-6 EC 201-134-4	0.100 – 0.500	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
Tetramethyl acetyloctahydronaphthalenes (OTNE)	CAS 54464-57-2 / 68155-66-8 / 68155-67-9 EC 259-174-3	0.100 – 0.500	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 1, H410
Citronellol	CAS 106-22-9 EC 203-375-0	0.100 – 0.500	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
1-[(2-tert-Butyl)cyclohexyloxy]-2-butanol	CAS 139504-68-0 EC 412-300-2	0.100 – 0.500	Eye Irrit. 2, H319; Aquatic Chronic 2, H411
Geraniol	CAS 106-24-1 EC 203-377-1	0.100 – 0.500	Skin Irrit. 2, H315; Eye Dam. 1, H318; Skin Sens. 1B, H317

Name	Identifiers	%	Classification (EC) No 1272/2008
Hexamethylindanopyran (HHCB)	CAS 1222-05-5 EC 214-946-9	0.100 – 0.500	Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Trichloromethyl phenyl carbinyl acetate (rosacetol)	CAS 90-17-5 EC 201-972-0	0.100 – 0.500	Skin Irrit. 2, H315; Aquatic Chronic 3, H412
Eugenol	CAS 97-53-0 EC 202-589-1	0.100 – 0.500	Eye Irrit. 2, H319; Skin Sens. 1B, H317
Nerol	CAS 106-25-2 EC 203-378-7	0.010 – 0.100	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
7-Methyl-2H-1,5-benzodioxepin-3(4H)-one (calone)	CAS 28940-11-6 EC 249-320-4	0.010 – 0.100	Skin Corr. 1B, H314; Eye Dam. 1, H318; STOT SE 3, H336
Allyl amyl glycolate	CAS 67634-00-8 EC 266-803-5	0.010 – 0.100	Acute Tox. 4 (oral), H302; Acute Tox. 4 (dermal), H312; STOT RE 2, H373; Aquatic Acute 1, H400
Allyl cyclohexylpropionate	CAS 2705-87-5 EC 220-292-5	0.010 – 0.100	Acute Tox. 4 (oral), H302; Acute Tox. 4 (dermal), H312; Acute Tox. 4 (inhalation), H332; Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Bourgeonal	CAS 18127-01-0 EC 242-016-2	0.010 – 0.100	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Repr. 2, H361; STOT RE 2, H373; Aquatic Chronic 3, H412
Dodecanal	CAS 112-54-9 EC 203-983-6	0.010 – 0.100	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
Triplal (2,4-dimethylcyclohex-3-ene-1-carbaldehyde)	CAS 68039-49-6 EC 268-264-1	0.010 – 0.100	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 2, H411
trans-Damascenone (rose ketone)	CAS 23726-93-4 EC 245-844-2	< 0.010	Skin Irrit. 2, H315; Skin Sens. 1A, H317; Aquatic Chronic 2, H411
Diethyl phthalate (DEP)	CAS 84-66-2 EC 201-550-6	2.00 – 5.00	Not classified — substance with a Union workplace exposure limit
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 (above 100 °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: Diethyl phthalate (DEP), CAS 84-66-2 — 5 mg/m³ (8 h TWA); 10 mg/m³ (15 min STEL). 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 — sea salt, marine notes, sandalwood
Flash point	Not determined for the preparation; pure fragrance > 100 °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
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: tetramethyl acetyloctahydronaphthalenes (OTNE), hexamethylindanopyran (HHCB), allyl cyclohexylpropionate, benzyl benzoate 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 ≥ 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. Contains diethyl phthalate (DEP, 3.50%): not an SVHC and not restricted under Annex XVII (entries 51/52 do not cover DEP).
PCN / UFI	Not required — the mixture is classified only for an environmental hazard.
IFRA (50th)	Candles (Cat. 12): no restriction — 10% complies.

SECTION 16: Other information

Revision	Version 1.0 — Eco Candle Project edition, 20/11/2026. Based on the manufacturer's SDS for the pure fragrance (version 1 of 23/09/2021, issued 23/09/2021), allergen declaration and IFRA 50th Amendment certificate (23/09/2021). The manufacturer declares component concentrations as ranges. Exact values from the manufacturer's allergen declaration were used where available (benzyl salicylate 9%, benzyl benzoate 3.67%, linalool 3.332%, citronellol 1.939%, geraniol 1.122%, eugenol 1%) and the midpoint of the range otherwise; with these values the calculation reproduces the manufacturer's classification of the pure fragrance (H315, H317, H318, H411), of the 10% preparation in a non-hazardous base (H412) and of the 25% preparation in Augeo Clean Multi (H317, H319, H412). Using the upper limit of every range would classify the 25% preparation as Aquatic Chronic 2 (H411), which the manufacturer — who knows the exact formula — does not apply. 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; OTNE = tetramethyl acetyloctahydronaphthalenes; HHCB = hexamethylindanopyran; DEP = diethyl phthalate; SVHC = Substance of Very High Concern.

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

H302 Harmful if swallowed. **H312** Harmful in contact with skin. **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. **H336** May cause drowsiness or dizziness. **H361** Suspected of damaging fertility or the unborn child. **H373** May cause damage to organs through prolonged or repeated

exposure. **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	Σ = 0.00% / ≥ 10%	Not classified
Skin irritation	Skin Irrit. 2	Σ = 0.00% / ≥ 10%	Not classified
Eye irritation	Eye Dam. 1	Σ = 1.5% / ≥ 10%	Not classified
Skin sensitisation	Skin Sens. 1	benzyl salicylate 0.90% / ≥ 1%	Not classified (EUH208)
Aquatic chronic	Aquatic Chronic 2	C2: 6.0%; C3: 60.0% / ≥ 25%	Aquatic Chronic 3 — H412
Physical hazards	Not classified (FP > 100 °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.