SAFETY DATA SHEET

CHRISTMAS MARKET — fragrance compound, 100%
According to Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by Regulation (EU) 2020/878

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product form	Mixture
Trade name	CHRISTMAS MARKET
UFI	HG2U-M9W6-900C-D6FT
Type of product	Perfumes, fragrances

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

Identified uses	Fragrance compound for the manufacture of candles, wax melts, diffusers and air-care products. For professional use.
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

Skin sensitisation	Skin Sens. 1 — H317
Reproductive toxicity	Repr. 2 — H361
Aquatic hazard, chronic	Aquatic Chronic 2 — H411

Classification according to Regulation (EC) No 1272/2008 [CLP], as given in the manufacturer's SDS (calculation method); verified by Eco Candle Project with the same method.

2.2 Label elements


GHS07


GHS08


GHS09

Hazard pictograms	GHS07, GHS08, GHS09
Signal word	WARNING
Contains (hazard-determining)	Lemon oil, α-Methylcinnamaldehyde, Ethyl methylphenylglycidate (strawberry aldehyde), Linalool, Clove leaf oil (Eugenia caryophyllus), Cinnamonitrile, Eugenol, Cassia oil
Hazard statements	H317 May cause an allergic skin reaction. H361 Suspected of damaging fertility or the unborn child. H411 Toxic to aquatic life with long lasting effects.

Supplemental information	EUH208 Contains Triplal (2,4-dimethylcyclohex-3-ene-1-carbaldehyde), Lime oxide (2,2,6-trimethyl-6-vinyltetrahydropyran), Mugwort oil (Artemisia vulgaris). May produce an allergic reaction.
Precautionary statements	P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. 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. P308+P313 IF exposed or concerned: Get medical advice/attention. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P391 Collect spillage. P405 Store locked up. 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 (and substances with a workplace exposure limit) as declared by the manufacturer:

Name	Identifiers	%	Classification (EC) No 1272/2008
Bis(2-ethylhexyl) adipate	CAS 103-23-1 EC 203-090-1 REACH 01-2119439699-19	18.90 – 37.89	
Lemon oil (Citrus limon)	CAS 8008-56-8 EC 284-515-8	2.60 – 5.20	Flam. Liq. 3, H226; Skin Irrit. 2, H315; Skin Sens. 1, H317; Repr. 2, H361; Aquatic Chronic 2, H411
α-Methylcinnamaldehyde	CAS 101-39-3 EC 202-938-8 REACH 01-2119538797-21	2.20 – 4.40	Skin Sens. 1, H317; Aquatic Chronic 1, H410
Ethyl methylphenylglycidate (strawberry aldehyde)	CAS 77-83-8 EC 201-061-8 REACH 01-2119967770-28	1.80 – 3.60	Skin Sens. 1B, H317; Aquatic Chronic 2, H411
Linalool	CAS 78-70-6 EC 201-134-4 REACH 01-2119474016-42	1.40 – 2.80	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	1.40 – 2.80	Aquatic Chronic 3, H412
4-(4-Hydroxyphenyl)butan-2-one (raspberry ketone)	CAS 5471-51-2 EC 226-806-4	1.30 – 2.60	Acute Tox. 4 (oral), H302
Clove leaf oil (Eugenia caryophyllus)	CAS 8000-34-8 EC 616-772-2	1.10 – 2.20	Eye Irrit. 2, H319; Skin Sens. 1, H317; Asp. Tox. 1, H304
Cinnamonitrile	CAS 1885-38-7 EC 217-552-5	1.10 – 2.10	Acute Tox. 3 (oral), H301; Acute Tox. 4 (dermal), H312; Acute Tox. 4 (inhalation), H332; Skin Sens. 1B, H317
Eugenol	CAS 97-53-0 EC 202-589-1 REACH 01-2119971802-33	0.900 – 1.80	Acute Tox. 4 (oral), H302; Eye Irrit. 2, H319; Skin Sens. 1B, H317
Ethyl maltol	CAS 4940-11-8 EC 225-582-5	0.600 – 1.15	Acute Tox. 4 (oral), H302

Name	Identifiers	%	Classification (EC) No 1272/2008
Cassia oil (Cinnamomum cassia)	CAS 8007-80-5 EC 284-635-0;616-916-4	0.500 – 1.00	Acute Tox. 3 (dermal), H311; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 3, H412
Ethyl lactate	CAS 97-64-3 EC 202-598-0	0.500 – 0.950	Flam. Liq. 3, H226; Skin Irrit. 2, H315; Eye Dam. 1, H318; STOT SE 3, H335
Benzyl acetate	CAS 140-11-4 EC 205-399-7 REACH 01-2119638272-42	0.400 – 0.800	Aquatic Chronic 3, H412
Benzaldehyde	CAS 100-52-7 EC 202-860-4 REACH 01-2119455540-44	0.200 – 0.350	Acute Tox. 4 (oral), H302
Camphor	CAS 76-22-2 EC 200-945-0	0.100 – 0.260	Flam. Sol. 2, H228; Acute Tox. 4 (oral), H302; Acute Tox. 4 (inhalation), H332; Skin Irrit. 2, H315; Eye Dam. 1, H318; STOT SE 2, H371; Aquatic Chronic 2, H411
Benzyl benzoate	CAS 120-51-4 EC 204-402-9 REACH 01-2119976371-33	0.100 – 0.132	Acute Tox. 4 (oral), H302; Aquatic Acute 1, H400; Aquatic Chronic 2, H411
Triplal (2,4-dimethylcyclohex-3-ene-1-carbaldehyde)	CAS 68039-49-6 EC 268-264-1	0.100 – 0.101	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 3, H412
Lime oxide (2,2,6-trimethyl-6-vinyltetrahydropyran)	CAS 73018-51-6 EC 277-225-8	0.100	Flam. Liq. 3, H226; Skin Sens. 1, H317; Asp. Tox. 1, H304; Aquatic Chronic 2, H411
Mugwort oil (Artemisia vulgaris)	CAS 68991-20-8 EC 283-874-8	0.100	Flam. Liq. 3, H226; Acute Tox. 4 (oral), H302; Skin Sens. 1, H317; STOT SE 2, H371; Asp. Tox. 1, H304; Aquatic Chronic 3, H412; Eye Irrit. 2, H319
1-Decanol	CAS 112-30-1 EC 203-956-9	< 0.009	Aquatic Chronic 3, H412
Hexanal	CAS 66-25-1 EC 200-624-5	< 0.002	Flam. Liq. 3, H226
Hexanoic acid	CAS 142-62-1 EC 205-550-7	< 0.0001	Eye Dam. 1, H318; Skin Corr. 1C, H314

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	Obtain special instructions before use; do not handle until all safety precautions have been read and understood. 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. Store locked up.
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: Benzyl acetate, CAS 140-11-4 — Portugal: 10 ppm (8 h TWA); Camphor, CAS 76-22-2 — Portugal: 2 ppm (8 h TWA); 3 ppm (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.
Respiratory protection	Not required with adequate ventilation; otherwise filter type A (EN 14387).

SECTION 9: Physical and chemical properties

Physical state	Liquid
Colour	Light yellow to amber
Odour	Characteristic — fruity-spicy, festive (grape, red apple, cranberry, spices, plum, raw sugar)
Flash point	75 °C
Flammability	Not classified (flash point > 60 °C)
pH	Not applicable
Solubility in water	Practically insoluble
Other properties	Melting/boiling point, density, vapour pressure, viscosity, auto-ignition: not determined by the manufacturer.

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 ≈ 2,960 mg/kg)
Skin corrosion/irritation	Not classified
Eye irritation	Not classified
Skin sensitisation	Skin Sens. 1 — H317
Aspiration hazard	Not classified
Reproductive toxicity	Repr. 2 — H361
Mutagenicity, carcinogenicity, STOT	Not classified

SECTION 12: Ecological information

12.1 Toxicity	Aquatic Chronic 2 — H411. Main contributors: α-Methylcinnamaldehyde, lemon oil, ethyl methylphenylglycidate (strawberry aldehyde), camphor and benzyl benzoate.
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)	HP13, HP14
Contaminated packaging	Empty completely; do not reuse; dispose of as unused product.

SECTION 14: Transport information

	ADR / RID	IMDG	IATA
14.1 UN number	UN 3082	UN 3082	UN 3082
14.2 Proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (α-METHYLCINNAMALDEHYDE)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (α-METHYLCINNAMALDEHYDE)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (α-METHYLCINNAMALDEHYDE)
14.3 Class	9	9	9
14.4 Packing group	III	III	III
14.5 Environmental hazards	Yes	Yes — marine pollutant	Yes

14.6 Special precautions: ADR tunnel code (-); limited quantity 5 L/5 kg; packages ≤ 5 L/5 kg are exempt from the environmentally hazardous substance provisions (ADR SP 375, IMDG 2.10.2.7). 14.7 Bulk (IMO): not applicable.

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.
Seveso III	E2 — Hazardous to the aquatic environment, Chronic 2.
PCN / UFI	UFI HG2U-M9W6-900C-D6FT (manufacturer's notification).
IFRA (50th)	Candles (Cat. 12): no restriction (100%). Reed diffusers (Cat. 10A): max 38.46%. Room sprays (Cat. 10B): max 38.46%. Fine fragrance (Cat. 4): max 20.47%. See IFRA certificate.

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 (revision of 18/07/2023, issued 18/07/2023), allergen declaration and IFRA 50th Amendment certificate (18/07/2023). The manufacturer declares component concentrations as ranges; the classification was calculated conservatively using the upper limit of each range, which reproduces the manufacturer's classification of the pure fragrance (H317, H361, H411). For the 5% preparation this calculation gives Aquatic Chronic 3 — H412, whereas the manufacturer's SDS for the 5% dilution (18/07/2023) is not classified; Eco Candle Project keeps the more protective result. The 10% and 25% preparations are consistent with the manufacturer's SDSs for those dilutions. 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). 5% preparation: H412 → not classified. Composition, other hazard classes and IFRA limits unchanged.
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. **H228** Flammable solid. **H301** Toxic if swallowed. **H302** Harmful if swallowed. **H304** May be fatal if swallowed and enters airways. **H311** Toxic in contact with skin. **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. **H335** May cause respiratory irritation. **H361** Suspected of damaging fertility or the unborn child. **H371** May cause damage to organs. **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.