SAFETY DATA SHEET

CHRISTMAS SPICES — 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 CHRISTMAS SPICES 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 CHRISTMAS SPICES at 10%
UFI (pure fragrance)	DRMX-A8FJ-900J-QG7H
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 — H317
Aquatic hazard, chronic	Not classified — 10 × M × Σ Chronic 1 + Σ Chronic 2 = 2.0% (≥ 25% → Chronic 2); 100 × M × Σ Chronic 1 + 10 × Σ Chronic 2 + Σ Chronic 3 = 22.5%.
Skin sensitisation	Skin Sens. 1 — H317. Cinnamal 0.31% is ≥ the concentration limit (Cinnamal: 0.10% generic).
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 = 0.98% (threshold: 10%).
Acute toxicity (oral)	Not classified — ATE mix ≈ 41,494 mg/kg (threshold: 2000 mg/kg).
Acute toxicity (inhalation)	Not classified — ATE mix (dust/mist) ≈ 10,890.0 mg/L (Category 4: ≤ 5 mg/L).
Notes	The pure fragrance (100%) is classified H315, H317, H319 and H412 (WARNING). See Annex — Calculation record.

2.2 Label elements

GHS07

Hazard pictograms	GHS07
Signal word	Warning
Contains (hazard-determining)	Cinnamal
Hazard statements	H317 May cause an allergic skin reaction.
Supplemental information	EUH208 Contains d-Limonene, Eugenol, Hexyl cinnamal, Amyl cinnamal, Coumarin. 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. P261 Avoid breathing mist/vapours/spray. P280 Wear protective gloves/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. 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
Dipropylene glycol monomethyl ether (solvent)	CAS 34590-94-8 EC 252-104-2	2.50 – 5.00	
d-Limonene	CAS 5989-27-5 EC 205-341-0 REACH 01-2119493353-35	0.472 – 0.946	Flam. Liq. 3, H226; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 3, H412
Eugenol	CAS 97-53-0 EC 202-589-1 REACH 01-2119971802-33	0.340 – 0.680	Acute Tox. 4 (oral), H302; Eye Irrit. 2, H319; Skin Sens. 1B, H317
Methyl ester of rosin, partially hydrogenated	CAS 8050-15-5 EC 232-476-2	0.340 – 0.675	Aquatic Chronic 3, H412
Hexyl cinnamal	CAS 101-86-0 EC 202-983-3 REACH 01-2119533092-50	0.300 – 0.600	Skin Sens. 1, H317; Aquatic Chronic 2, H411
Amyl cinnamal	CAS 122-40-7 EC 204-541-5	0.300 – 0.600	Skin Sens. 1B, H317; Aquatic Chronic 2, H411
Cinnamal	CAS 104-55-2 EC 203-213-9 REACH 01-2119935242-45	0.160 – 0.310	Acute Tox. 4 (dermal), H312; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1A, H317; Aquatic Chronic 3, H412
Coumarin	CAS 91-64-5 EC 202-086-7 REACH 01-2119943756-26	0.150 – 0.300	Acute Tox. 4 (oral), H302; Skin Sens. 1B, H317

Name	Identifiers	%	Classification (EC) No 1272/2008
3-Phenylpropanol	CAS 122-97-4 EC 204-587-6	0.060 – 0.115	Skin Irrit. 2, H315; Eye Irrit. 2, H319
Benzyl alcohol	CAS 100-51-6 EC 202-859-9 REACH 01-2119492630-38	0.050 – 0.090	Acute Tox. 4 (oral), H302; Acute Tox. 4 (inhalation), H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317
Linalyl acetate	CAS 115-95-7 EC 204-116-4 REACH 01-2119454789-19	0.050 – 0.090	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317
Cinnamyl alcohol	CAS 104-54-1 EC 203-212-3 REACH 01-2119934496-29	0.040 – 0.080	Acute Tox. 4 (oral), H302; Skin Sens. 1B, H317
Eucalyptol (1,8-cineole)	CAS 470-82-6 EC 207-431-5 REACH 01-2119967772-24	0.040 – 0.080	Flam. Liq. 3, H226; Skin Sens. 1, H317
Linalool	CAS 78-70-6 EC 201-134-4 REACH 01-2119474016-42	0.030 – 0.061	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
Benzyl salicylate	CAS 118-58-1 EC 204-262-9 REACH 01-2119969442-31	0.020 – 0.040	Eye Irrit. 2, H319; Skin Sens. 1B, H317; Aquatic Chronic 3, H412
Amyl salicylate	CAS 2050-08-0 EC 218-080-2 REACH 01-2119969444-27	0.020 – 0.040	Acute Tox. 4 (oral), H302; Aquatic Chronic 1, H410
Hexamethylindanopyran (HHCB)	CAS 1222-05-5 EC 214-946-9 REACH 01-2119488227-29	0.010 – 0.028	Aquatic Acute 1, H400; Aquatic Chronic 1, H410
beta-Pinene	CAS 127-91-3 EC 204-872-5	0.003 – 0.015	Flam. Liq. 3, H226
alpha-Pinene	CAS 80-56-8 EC 201-291-9	0.003 – 0.015	Flam. Liq. 3, H226; Acute Tox. 4 (oral), H302; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Cardamom oil (Elettaria cardamomum)	CAS 8000-66-6 EC 288-922-1	0.010 – 0.010	Flam. Liq. 3, H226; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Asp. Tox. 1, H304; Aquatic Chronic 2, H411
Ginger root oil (Zingiber officinale)	CAS 8007-08-7 EC 283-634-2	0.010 – 0.010	Skin Sens. 1, H317; Asp. Tox. 1, H304; Aquatic Chronic 2, H411
p-Cymene	CAS 99-87-6 EC 202-796-7	0.0003 – 0.003	Flam. Liq. 3, H226; Acute Tox. 3 (inhalation), H331; Repr. 2, H361; Asp. Tox. 1, H304; Aquatic Chronic 2, H411
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 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	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 (70 °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: Dipropylene glycol monomethyl ether, CAS 34590-94-8 — EU IOEL 308 mg/m³ / 50 ppm (8 h TWA), skin notation; Portugal: 50 ppm (8 h TWA), 150 ppm (STEL); d-Limonene, CAS 5989-27-5 — Germany (TRGS 900) AGW 28 mg/m³ / 5 ppm; Finland HTP 140 mg/m³ / 25 ppm (8 h). 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 — cinnamon, clove, orange
Flash point	Not determined for the preparation; pure fragrance 70 °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 ≈ 41,494 mg/kg)
Acute toxicity (inhalation)	Not classified (ATE ≈ 10,890.0 mg/L)
Skin corrosion/irritation	Not classified
Eye irritation	Not classified
Skin sensitisation	Skin Sens. 1 — H317
Aspiration hazard	Not classified
Mutagenicity, carcinogenicity, reproductive toxicity, STOT	Not classified

SECTION 12: Ecological information

12.1 Toxicity	. Main contributors: d-Limonene, hexyl cinnamal, amyl cinnamal, amyl salicylate and hexamethylindanopyran (HHCB).
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
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% — the preparation is not classified as hazardous to the aquatic environment. The pure fragrance (100%) is not regulated for transport either. 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	Classified for health hazards (H317): a PCN with its own UFI is required if this preparation is placed on the market; the fragrance UFI (DRMX-A8FJ-900J-QG7H) can be declared as a component (MiM).
IFRA (50th)	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 2.0 of 22/07/2025, issued 22/07/2025), allergen declaration and IFRA 50th Amendment certificate (08/06/2023). The manufacturer declares component concentrations as ranges; the classification was calculated conservatively using the upper limit of each range (these upper limits coincide with the exact values in the manufacturer's allergen declaration and IFRA certificate), which reproduces the manufacturer's classification of the pure fragrance (H315, H317, H319, H412). The IFRA Category 10A limit (15.80%) does not allow a 25% reed-diffuser preparation; the diffuser safety data sheet is therefore issued for 15% fragrance in Augeo Clean Multi. The manufacturer has not issued SDSs for diluted preparations — the classifications of the 5%, 10% and 15% preparations were calculated by Eco Candle Project with the CLP calculation method. 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):

H226 Flammable liquid and vapour. **H302** Harmful if swallowed. **H304** May be fatal if swallowed and enters airways. **H312** Harmful in contact with skin. **H315** Causes skin irritation. **H317** May cause an allergic skin reaction. **H319** Causes serious eye irritation. **H331** Toxic if inhaled. **H332** Harmful if inhaled. **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%
Acute toxicity (oral)	Not classified (ATE 4,149)	ATE ≈ 41,494 mg/kg / ≤ 2000	Not classified
Acute toxicity (inhalation)	Not classified (ATE 1,089.00 mg/L)	ATE ≈ 10,890.0 mg/L / ≤ 5	Not classified
Aspiration hazard	Not classified	Σ = 0.98% / ≥ 10%	Not classified
Skin irritation	Skin Irrit. 2	Σ = 0.00% / ≥ 10%	Not classified
Eye irritation	Eye Irrit. 2	Σ = 0.0% / ≥ 10%	Not classified
Skin sensitisation	Skin Sens. 1	cinnamal 0.31% / ≥ 1%	Skin Sens. 1 — H317
Aquatic chronic	Aquatic Chronic 3	C2: 2.0%; C3: 22.5% / ≥ 25%	Not classified
Physical hazards	Not classified (FP 70 °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.