



SAFETY DATA SHEET

FRESH HAY, HONEY BLOSSOMS & AMBER NEW MOD — 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 FRESH HAY, HONEY BLOSSOMS & AMBER NEW MOD fragrance and 90% of non-hazardous wax base. Classification is based on the manufacturer's SDS for the fragrance at this dilution in a non-hazardous base (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 FRESH HAY, HONEY BLOSSOMS & AMBER NEW MOD at 10%
UFI (pure fragrance)	2800-U0RP-T00W-1RFV
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)
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Result	MIXTURE CLASSIFIED AS HAZARDOUS — H411
Aquatic hazard, chronic	Aquatic Chronic 2 — H411. $10 \times M \times \Sigma \text{Chronic 1} + \Sigma \text{Chronic 2} = 31.0\% (\geq 25\% \rightarrow \text{Chronic 2})$; $100 \times M \times \Sigma \text{Chronic 1} + 10 \times \Sigma \text{Chronic 2} + \Sigma \text{Chronic 3} = 311.6\%$.
Skin sensitisation	Not classified — highest sensitiser coumarin $0.63\% < 1\%$. EUH208 applies ($\geq 0.1\%$).
Eye irritation	Not classified — $\Sigma \text{Eye Irrit. 2} = 1.82\%$ (threshold: 10%).
Skin irritation	Not classified — $\Sigma \text{Skin Irrit. 2} = 0.86\%$ (threshold: 10%).
Aspiration hazard	Not classified — $\Sigma \text{Asp. Tox. 1} = 0.09\%$ (threshold: 10%).
Acute toxicity (oral)	Not classified — ATE mix $\approx 12,978 \text{ mg/kg}$ (threshold: 2000 mg/kg).
Notes	The pure fragrance (100%) is classified H302, H317, H319, H400 and H410 (Warning). See Annex — Calculation record.

2.2 Label elements



GHS09

Hazard pictograms	GHS09
Signal word	None (GHS09 only)
Hazard statements	H411 Toxic to aquatic life with long lasting effects.
Supplemental information	EUH208 Contains Coumarin, Linalool, Linalyl acetate, Acetyl cedrene. 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. P391 Collect spillage. 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 $\times 0.1$):

Name	Identifiers	%	Classification (EC) No 1272/2008
Benzyl benzoate	CAS 120-51-4 EC 204-402-9 REACH 01-2119455540-44	3.10	Acute Tox. 4 (oral), H302; Aquatic Chronic 2, H411
Hexamethylindanopyran (HHCB)	CAS 1222-05-5 EC 214-946-9	2.01	Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Coumarin	CAS 91-64-5 EC 202-086-7 REACH 01-2119949300-45	0.631	Acute Tox. 4 (oral), H302; Skin Sens. 1, H317; Aquatic Chronic 3, H412
Ethylene brassylate (1,4-dioxo cycloheptadecane-5,17-dione)	CAS 105-95-3 EC 203-347-8 REACH 01-2119976314-33	0.490	Aquatic Chronic 3, H412
Linalool	CAS 78-70-6 EC 201-134-4 REACH 01-2119474016-42	0.449	Skin Sens. 1B, H317
Linalyl acetate	CAS 115-95-7 EC 204-116-4 REACH 01-2119454789-19	0.404	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317



Name	Identifiers	%	Classification (EC) No 1272/2008
Acetyl cedrene	CAS 32388-55-9 EC 251-020-3 REACH 01-2119969651-28	0.404	Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Vanillin (4-hydroxy-3-methoxy benzaldehyde)	CAS 121-33-5 EC 204-465-2 REACH 01-2119516040-60	0.341	Eye Irrit. 2, H319
Tetrahydro-4-methyl-2-(2-methylpropyl)-2H-pyran-4-ol	CAS 63500-71-0 EC 405-040-6	0.222	Eye Irrit. 2, H319
Dihydromyrcenol (2,6-dimethyloct-7-en-2-ol)	CAS 18479-58-8 EC 242-362-4 REACH 01-2119457274-37	0.218	Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H336
2-Methyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	CAS 28219-60-5 EC 248-907-2 REACH 01-2120273309-51	0.170	Eye Irrit. 2, H319; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Ethyl vanillin	CAS 121-32-4 EC 204-464-7 REACH 01-2119958961-24	0.130	Eye Irrit. 2, H319
2-Phenylethanol	CAS 60-12-8 EC 200-456-2 REACH 01-2119963921-31	0.121	Acute Tox. 4 (oral), H302; Eye Irrit. 2, H319
2-Ethyl-4-(2,2,3-trimethylcyclopent-3-en-1-yl)but-2-en-1-ol	CAS 28219-61-6 / 106185-75-5 EC 248-908-8 REACH 01-2119529224-45	0.120	Eye Irrit. 2, H319; Aquatic Chronic 1, H410 (M = 1)
alpha-Pinene	CAS 80-56-8 EC 201-291-9	0.070	Flam. Liq. 3, H226; Acute Tox. 4 (oral), H302; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410 (M = 1)
Citronellol	CAS 106-22-9 EC 203-375-0 REACH 01-2119453995-23	0.055	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
Cyclamen aldehyde	CAS 103-95-7 EC 203-161-7	0.043	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412
Estragole (1-methoxy-4-(2-propenyl)benzene)	CAS 140-67-0 EC 205-427-8	0.040	Acute Tox. 4 (oral), H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 3, H412
Carvone	CAS 6485-40-1 EC 229-352-5 REACH 01-2119962458-25	0.020	Skin Sens. 1, H317
Geraniol	CAS 106-24-1 EC 203-377-1 REACH 01-2119560621-44	0.012	Skin Sens. 1, H317
Neryl acetate	CAS 141-12-8 EC 205-459-2 REACH 01-2120748334-54	0.011	Skin Sens. 1B, H317



Name	Identifiers	%	Classification (EC) No 1272/2008
Hexyl cinnamal	CAS 101-86-0 EC 202-983-3 REACH 01-2119533092-50	0.010	Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 2, H411
beta-Pinene	CAS 127-91-3 EC 204-872-5	0.010	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 1, H410
Sweet orange oil (Citrus aurantium dulcis)	CAS 8028-48-6 / 8008-57-9 EC 232-433-8 REACH 01-2119493353-35	0.010	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 2, H411
6-sec-Butylquinoline	CAS 65442-31-1 / 67634-06-4 EC 265-777-2	0.010	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 2, H411
AHTN (7-acetyl-1,1,3,4,4,6-hexamethyltetraline)	CAS 1506-02-1 EC 216-133-4 REACH 01-2119539433-40	0.003	Acute Tox. 4 (oral), H302; Aquatic Acute 1, H400; Aquatic Chronic 1, H410 (M = 1)
Oxacyclohexadecen-2-one	CAS 34902-57-3 / 111879-80-2 EC —	0.002	Aquatic Acute 1, H400; Aquatic Chronic 1, H410
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 (> 60 °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	Citral (CAS 5392-40-5, trace): TWA 5 ppm. Isoamyl acetate (CAS 123-92-2, trace): EU IOELV TWA 50 ppm / 270 mg/m ³ , STEL 100 ppm / 540 mg/m ³ . 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 — hay, honey, tonka, cedarwood
Flash point	> 61 °C (manufacturer, closed cup)
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 ≈ 12,978 mg/kg)
Skin irritation	Not classified (Σ Skin Irrit. 2 = 0.86%)
Eye irritation	Not classified
Skin sensitisation	Not classified (EUH208)
Aspiration hazard	Not classified (Σ Asp. Tox. 1 = 0.09%)
Mutagenicity, carcinogenicity, reproductive toxicity, STOT	Not classified

SECTION 12: Ecological information

12.1 Toxicity	Aquatic Chronic 2 — H411. Main contributors: hexamethylindanopyran (HHCB), acetyl cedrene, benzyl benzoate and sandalwood-type alcohols.
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**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

	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. (BENZYL BENZOATE, HEXAMETHYLIN DANOPYRAN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL BENZOATE, HEXAMETHYLIN DANOPYRAN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZYL BENZOATE, HEXAMETHYLIN DANOPYRAN)
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 $\leq$ 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. Solid wax preparations: UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S., 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. Annex XVII entry 3(1): must not be used in ornamental articles producing light or colour effects by different phases (e.g. ornamental lamps, ashtrays).
PCN / UFI	Not required — the mixture is classified only for an environmental hazard.
IFRA (51st)	Candles and wax melts (Cat. 12): max 27.5% fragrance — 10% complies.

SECTION 16: Other information

Revision	Version 1.0 — Eco Candle Project edition, 05/10/2026. Based on the manufacturer's SDS (100%, 10% and 5%, version 1, 07/08/2026), allergen declaration and IFRA 51st Amendment certificate (07/08/2026).
Abbreviations	ATE = Acute Toxicity Estimate; UFI = Unique Formula Identifier; PCN = Poison Centre Notification; 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. **H315** Causes skin irritation. **H317** May cause an allergic skin reaction. **H319** Causes serious eye irritation. **H336** May cause drowsiness or dizziness. **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)	Acute Tox. 4	$ATE \approx 12,978 \text{ mg/kg} / \leq 2000$	Not classified
Aspiration hazard	Not classified	$\Sigma = 0.09\% / \geq 10\%$	Not classified
Skin irritation	Not classified	$\Sigma = 0.86\% / \geq 10\%$	Not classified
Eye irritation	Eye Irrit. 2	$\Sigma = 1.8\% / \geq 10\%$	Not classified
Skin sensitisation	Skin Sens. 1	coumarin 0.63% / $\geq 1\%$	Not classified (EUH208)
Aquatic chronic	Aquatic Chronic 1	C2: 31.0%; C3: 311.6% / $\geq 25\%$	Aquatic Chronic 2 — H411
Physical hazards	Not classified (FP > 60 °C)	FP > 60 °C	Not classified

Results agree with the manufacturer's SDS for the same dilution.