



SAFETY DATA SHEET

DUNE FLOWERS 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 DUNE FLOWERS 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 DUNE FLOWERS NEW MOD at 10%
UFI (pure fragrance)	8E00-V04G-E00W-CEN0
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 — H317, H412
Aquatic hazard, chronic	Aquatic Chronic 3 — H412. $10 \times M \times \Sigma \text{Chronic 1} + \Sigma \text{Chronic 2} = 7.0\%$ ($< 25\%$); $100 \times M \times \Sigma \text{Chronic 1} + 10 \times \Sigma \text{Chronic 2} + \Sigma \text{Chronic 3} = 71.1\%$.
Skin sensitisation	Skin Sens. 1 — H317. Linalool $1.12\% \geq 1\%$ (generic limit). Other sensitisers $\geq 0.1\%$: EUH208.
Eye irritation	Not classified — $\Sigma \text{Eye Irrit. 2} = 2.09\%$ (threshold: 10%).
Skin irritation	Not classified — $\Sigma \text{Skin Irrit. 2} = 1.90\%$ (threshold: 10%).
Aspiration hazard	Not classified — $\Sigma \text{Asp. Tox. 1} = 0.24\%$ (threshold: 10%).
Acute toxicity (oral)	Not classified — ATE mix $\approx 94,340 \text{ mg/kg}$ (threshold: 2000 mg/kg).
Notes	The pure fragrance (100%) is classified H315, H317, H319 and H411 (Warning). See Annex — Calculation record.

2.2 Label elements



GHS07

Hazard pictograms	GHS07
Signal word	Warning
Contains (hazard-determining)	Linalool
Hazard statements	H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects.
Supplemental information	EUH208 Contains 4-tert-Butylcyclohexyl acetate, Linalyl acetate, Citronellol, OTNE, Coumarin, Sweet orange oil, 2,6-Dimethyl-5-heptenal. 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. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. 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. P362+P364 Take off contaminated clothing and wash it before reuse. 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
Linalool	CAS 78-70-6 EC 201-134-4 REACH 01-2119474016-42	1.12	Skin Sens. 1B, H317
4-tert-Butylcyclohexyl acetate	CAS 32210-23-4 EC 250-954-9 REACH 01-2119976286-24	0.800	Skin Sens. 1B, H317
Linalyl acetate	CAS 115-95-7 EC 204-116-4 REACH 01-2119454789-19	0.610	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
Tetrahydro-4-methyl-2-(2-methylpropyl)-2H-pyran-4-ol	CAS 63500-71-0 EC 405-040-6	0.490	Eye Irrit. 2, H319



Name	Identifiers	%	Classification (EC) No 1272/2008
Citronellol	CAS 106-22-9 EC 203-375-0 REACH 01-2119453995-23	0.330	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
OTNE (tetramethyl acetyloctahydronaphthalenes)	CAS 54464-57-2 EC 259-174-3 REACH 01-2119489989-04	0.320	Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 1, H410
2-Phenylethanol	CAS 60-12-8 EC 200-456-2 REACH 01-2119963921-31	0.270	Acute Tox. 4 (oral), H302; Eye Irrit. 2, H319
Hexamethylindanopyran (HHCB)	CAS 1222-05-5 EC 214-946-9	0.260	Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Coumarin	CAS 91-64-5 EC 202-086-7 REACH 01-2119949300-45	0.260	Acute Tox. 4 (oral), H302; Skin Sens. 1, H317; Aquatic Chronic 3, H412
Benzyl acetate	CAS 140-11-4 EC 205-399-7 REACH 01-2119638272-42	0.256	Aquatic Chronic 3, H412
Sweet orange oil (Citrus aurantium dulcis)	CAS 8028-48-6 / 8008-57-9 EC 232-433-8 REACH 01-2119493353-35	0.240	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 2, H411
Methyl ionone	CAS 1335-46-2 / 127-51-5 EC 204-846-3 REACH 01-2119471851-35	0.170	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Aquatic Chronic 2, H411
Dihydromyrcenol (2,6-dimethyloct-7-en-2-ol)	CAS 18479-58-8 EC 242-362-4 REACH 01-2119457274-37	0.152	Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H336
gamma-Undecalactone	CAS 104-67-6 EC 203-225-4 REACH 01-2119959333-34	0.131	Aquatic Chronic 3, H412
Amyl salicylate	CAS 2050-08-0 EC 911-280-7 REACH 01-2119969444-27	0.130	Aquatic Chronic 2, H411
2,6-Dimethyl-5-heptenal	CAS 106-72-9 EC 203-427-2	0.100	Skin Sens. 1B, H317
2-tert-Butylcyclohexyl acetate	CAS 88-41-5 EC 201-828-7 REACH 01-2119970713-33	0.060	Aquatic Chronic 2, H411
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	0.040	Eye Irrit. 2, H319; Aquatic Chronic 1, H410 (M = 1)
Veratraldehyde	CAS 120-14-9 EC 204-373-2	0.040	Acute Tox. 4 (oral), H302; Skin Sens. 1B, H317



Name	Identifiers	%	Classification (EC) No 1272/2008
Methylenedioxyphenyl methylpropanal (helional)	CAS 1205-17-0 EC 214-881-6 REACH 01-2120740119-58	0.030	Skin Sens. 1B, H317; Repr. 2, H361; Aquatic Chronic 2, H411
Geraniol	CAS 106-24-1 EC 203-377-1 REACH 01-2119560621-44	0.030	Skin Sens. 1, H317
Geranyl acetate	CAS 105-87-3 EC 203-341-5 REACH 01-2119973480-35	0.030	Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 3, H412
Dodecanal	CAS 112-54-9 EC 203-983-6 REACH 01-2119969441-33	0.030	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
(E)-3,3-Dimethyl-5-(2,2,3-trimethyl-3-cyclopenten-1-yl)-4-penten-2-ol	CAS 107898-54-4 EC 411-580-3	0.020	Skin Irrit. 2, H315; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Neryl acetate	CAS 141-12-8 EC 205-459-2 REACH 01-2120748334-54	0.020	Skin Sens. 1B, H317
Musk methyl propionate	CAS 236391-76-7 EC 607-255-2	0.008	Aquatic Chronic 2, H411
Hexyl cinnamal	CAS 101-86-0 EC 202-983-3 REACH 01-2119533092-50	0.001	Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 2, H411
Florocyclene	CAS 17511-60-3 EC 241-514-7 REACH 01-2119969447-21	0.001	Eye Irrit. 2, H319; 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 (89.5 °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	Isoamyl acetate (CAS 123-92-2, ≤ 0.4% in the fragrance): 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 — lily, muguet, lilac, amber
Flash point	> 61 °C (manufacturer, closed cup); pure fragrance 89.5 °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 ≈ 94,340 mg/kg)
Skin irritation	Not classified



Eye irritation	Not classified
Skin sensitisation	Skin Sens. 1 — H317
Aspiration hazard	Not classified (Σ Asp. Tox. 1 = 0.24%)
Mutagenicity, carcinogenicity, reproductive toxicity, STOT	Not classified

SECTION 12: Ecological information

12.1 Toxicity	Aquatic Chronic 3 — H412. Main contributors: OTNE, hexamethylindanopyran (HHCB), sweet orange oil, methyl ionone and amyl salicylate.
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

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.

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	Classified for health hazards (H317): a PCN with its own UFI is required if this preparation is placed on the market; the fragrance UFI (8E00-V04G-E00W-CEN0) can be declared as a component (MiM).
IFRA (51st)	Candles (Cat. 12): no restriction — 10% complies.

SECTION 16: Other information

Revision	Version 1.0 — Eco Candle Project edition, 05/10/2026. Based on the manufacturer's SDS (100%, 5%, 10% and 25%, 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. **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 $\approx 94,340 \text{ mg/kg} / \leq 2000$	Not classified
Aspiration hazard	Not classified	$\Sigma = 0.24\% / \geq 10\%$	Not classified
Skin irritation	Skin Irrit. 2	$\Sigma = 1.90\% / \geq 10\%$	Not classified
Eye irritation	Eye Irrit. 2	$\Sigma = 2.1\% / \geq 10\%$	Not classified
Skin sensitisation	Skin Sens. 1	linalool 1.12% / $\geq 1\%$	Skin Sens. 1 — H317
Aquatic chronic	Aquatic Chronic 2	C2: 7.0%; C3: 71.1% / $\geq 25\%$	Aquatic Chronic 3 — H412
Physical hazards	Not classified (FP 89.5 °C)	FP > 60 °C	Not classified

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