



SAFETY DATA SHEET

WHITE MUSK & AMBER — 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	WHITE MUSK & AMBER
UFI	59H1-7007-N00Q-JUMH
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)
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Skin irritation	Skin Irrit. 2 — H315
Eye irritation	Eye Irrit. 2 — H319
Skin sensitisation	Skin Sens. 1 — H317
Reproductive toxicity	Repr. 2 — H361
Aquatic hazard, acute	Aquatic Acute 1 — H400
Aquatic hazard, chronic	Aquatic Chronic 1 — H410

Classification calculated by Eco Candle Project with the CLP calculation method (Regulation (EC) No 1272/2008) from the composition declared by the manufacturer (SDS of 23/08/2023). The classification of the components was updated with the manufacturer's more recent SDSs for the diluted preparations (03/06/2025): piperonal (1,3-benzodioxole-5-carbaldehyde, CAS 120-57-0) is now classified Repr. 2 — H361fd, and 3-(5,5,6-trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol Repr. 2 — H361 and Aquatic Chronic 2. Because piperonal is present at 4.92% ($\geq 3\%$), the pure fragrance is classified Repr. 2 — H361 in addition to the manufacturer's 2023 classification (H315, H317, H319, H410); this is the more protective result and will be reviewed when the manufacturer issues an updated SDS for the pure fragrance. The preparations at 5%, 10% and 25% contain less than 3% piperonal and are not classified for reproductive toxicity; their calculated classification agrees with the manufacturer's dilution SDSs (the 25% preparation in Augeo Clean Multi additionally carries H319, from the solvent). The IFRA Category 10A limit is 66.09%, so the diffuser SDS is issued at 25% in Augeo Clean Multi.

2.2 Label elements



GHS07



GHS08



GHS09

Hazard pictograms	GHS07, GHS08, GHS09
Signal word	WARNING
Contains (hazard-determining)	Acetyl cedrene, Piperonal (heliotropin), Linalool, Linalyl acetate, alpha-Isomethyl ionone
Hazard statements	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. 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.
Supplemental information	EUH208 Contains Eucalyptol (1,8-cineole), Cyclamen aldehyde, d-Limonene, Citronellol, beta-Caryophyllene, Eugenol, Geranyl acetate. 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. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 IF exposed or concerned: Get medical advice/attention. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: 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) $\geq 0.1\%$, 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 (and substances with a workplace exposure limit) as declared by the manufacturer:

Name	Identifiers	%	Classification (EC) No 1272/2008
7-Acetyl-1,1,3,4,4,6-hexamethyl tetralin (AHTN)	CAS 1506-02-1 EC 216-133-4 REACH 01-2119539433-40	13.20	Acute Tox. 4 (oral), H302; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410 (M = 1)
Acetyl cedrene	CAS 32388-55-9 EC 251-020-3 REACH 01-2119969651-28	7.90	Skin Sens. 1B, H317; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410 (M = 1)
Hexamethylindanopyran (HHCB)	CAS 1222-05-5 EC 214-946-9	7.50	Aquatic Acute 1, H400; Aquatic Chronic 1, H410



Name	Identifiers	%	Classification (EC) No 1272/2008
Piperonal (heliotropin)	CAS 120-57-0 EC 204-409-7 REACH 01-2119983608-21	4.92	Skin Sens. 1B, H317; Repr. 2, H361fd
Linalool	CAS 78-70-6 EC 201-134-4	3.83	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
3-(5,5,6-Trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol	CAS 3407-42-9 EC 222-294-1 REACH 01-2119979583-21	2.80	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Repr. 2, H361; Aquatic Chronic 2, H411
Dihydromyrcenol (2,6-dimethyloct-7-en-2-ol)	CAS 18479-58-8 EC 242-362-4 REACH 01-2119457274-37	2.10	Skin Irrit. 2, H315; Eye Irrit. 2, H319
Linalyl acetate	CAS 115-95-7 EC 204-116-4 REACH 01-2119454789-19	3.26	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
Indeno-dioxin (magnolan)	CAS 27606-09-3 EC 248-561-2 REACH 01-2120234292-65	1.80	Acute Tox. 4 (oral), H302
Ethyl vanillin	CAS 121-32-4 EC 204-464-7 REACH 01-2119958961-24	1.50	Acute Tox. 4 (oral), H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335
alpha-Isomethyl ionone	CAS 127-51-5 EC 204-846-3 REACH 01-2119471851-35	1.40	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317; Aquatic Chronic 2, H411
Tetrahydro-4-methyl-2-(2-methylpropyl)-2H-pyran-4-ol	CAS 63500-71-0 EC 405-040-6 REACH 01-2119638272-42	1.20	Eye Irrit. 2, H319
Camphor	CAS 76-22-2 EC 200-945-0 REACH 01-2119966156-31	0.490	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
Eucalyptol (1,8-cineole)	CAS 470-82-6 EC 207-431-5	0.420	Flam. Liq. 3, H226; Skin Sens. 1B, H317
Cyclamen aldehyde	CAS 103-95-7 EC 203-161-7	0.350	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412
d-Limonene	CAS 5989-27-5 EC 227-813-5	0.250	Flam. Liq. 3, H226; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Asp. Tox. 1, H304; 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	0.150	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
beta-Caryophyllene	CAS 87-44-5 EC 201-746-1	0.100	Skin Sens. 1B, H317; Asp. Tox. 1, H304; Aquatic Chronic 4, H413
Eugenol	CAS 97-53-0 EC 202-589-1 REACH 01-2119971802-33	0.100	Eye Irrit. 2, H319; Skin Sens. 1B, H317
Geranyl acetate	CAS 105-87-3 EC 203-341-5 REACH 01-2119973480-35	0.100	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 3, H412

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	Eye irritation. Skin irritation. 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: Diethyl phthalate (DEP), CAS 84-66-2 — 5 mg/m ³ (8 h TWA); 10 mg/m ³ (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.
Respiratory protection	Not required with adequate ventilation; otherwise filter type A (EN 14387).

SECTION 9: Physical and chemical properties

Physical state	Liquid
Colour	Not determined by the manufacturer
Odour	Characteristic — musky-ambery (white musk, amber, lavender)
Flash point	> 60 °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 ≈ 4,254 mg/kg)
Skin corrosion/irritation	Skin Irrit. 2 — H315
Eye irritation	Eye Irrit. 2 — H319
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 Acute 1 — H400; Aquatic Chronic 1 — H410. Main contributors: 7-Acetyl-1,1,3,4,4,6-hexamethyltetralin (AHTN), acetyl cedrene, hexamethylindanopyran (HHCB), 3-(5,5,6-Trimethylbicyclo[2.2.1]hept-2-yl)cyclohexan-1-ol and d-Limonene.
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)	HP4, 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. (7-ACETYL-1,1,3,4,4,6-HEXAMETHYLTETRALIN E, HEXAMETHYLINDANOPYRAN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (7-ACETYL-1,1,3,4,4,6-HEXAMETHYLTETRALIN E, HEXAMETHYLINDANOPYRAN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (7-ACETYL-1,1,3,4,4,6-HEXAMETHYLTETRALIN E, HEXAMETHYLINDANOPYRAN)
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.
Drug precursors	Contains piperonal (CAS 120-57-0, 4.92%), a Category 1 scheduled substance under Regulation (EC) No 273/2004 (Annex I). The mixture is compounded so that the substance cannot be easily used or extracted; nevertheless, keep records of transactions and report any suspicious orders or transactions to the competent authority.
Seveso III	E1 — Hazardous to the aquatic environment, Acute 1 / Chronic 1.
PCN / UFI	UFI 59H1-7007-N00Q-JUMH (manufacturer's notification).
IFRA (50th)	Candles (Cat. 12): no restriction (100%). Reed diffusers (Cat. 10A): max 66.09%. Room sprays (Cat. 10B): no restriction (100%). Fine fragrance (Cat. 4): no restriction (100%). See IFRA certificate.

SECTION 16: Other information

Revision	Version 1.0 — Eco Candle Project edition, 22/10/2026. Based on the manufacturer's SDS for the pure fragrance (version 1 of 23/08/2023, issued 23/08/2023), allergen declaration and IFRA 50th Amendment certificate (23/08/2023).
Abbreviations	ATE = Acute Toxicity Estimate; UFI = Unique Formula Identifier; PCN = Poison Centre Notification; SCL = specific concentration limit; DEP = diethyl phthalate; SVHC = Substance of Very High Concern.

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

H226 Flammable liquid and vapour. **H228** Flammable solid. **H302** Harmful if swallowed. **H304** May be fatal if swallowed and enters airways. **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. **H361fd** Suspected of damaging fertility. Suspected of damaging 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. **H413** May cause long lasting harmful effects to aquatic life.

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.