



SAFETY DATA SHEET

TOBACCO ODOR ELIMINATOR — fragrance compound, 100%

According to Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by Regulation (EU) 2020/878

⚠ RESTRICTED TO PROFESSIONAL USERS. The pure fragrance contains butylphenyl methylpropional (BMHCA) (2.2%, Repr. 1B) and is classified Repr. 1B — H360. Under REACH Annex XVII (entry 30) it must not be supplied neat to the general public. The 5% and 10% preparations are below the 0.3% limit and are not classified for reproductive toxicity.

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

1.1 Product identifier

Product form	Mixture
Trade name	TOBACCO ODOR ELIMINATOR
UFI	R264-40CW-V00Q-766J
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. Restricted to professional users (REACH Annex XVII, entry 30).
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. 1B — H360
Aquatic hazard, chronic	Aquatic Chronic 2 — H411

Classification calculated by Eco Candle Project with the CLP calculation method (Regulation (EC) No 1272/2008), using the exact values of the manufacturer's allergen declaration and IFRA certificate where available and otherwise the upper limit of each concentration range declared by the manufacturer (SDS revision 25/09/2023). The formula contains butylphenyl methylpropional (BMHCA, CAS 80-54-6; Repr. 1B — H360Fd, Regulation (EU) 2021/849) at 2.17%, above the 0.3% generic limit, so the pure fragrance is classified Repr. 1B — H360 and is restricted to professional users (REACH Annex XVII, entry 30); BMHCA is also on the REACH Candidate List of Substances of Very High Concern. The 5% and 10% preparations contain less than 0.3% BMHCA and are not classified for reproductive toxicity. The manufacturer classifies the pure fragrance H315, H317, H319, H360Fd and H412. With the upper limits of the ranges, the Aquatic Chronic 1 components (beta-pinenes, alpha-pinene, cedryl acetate, up to 1% each) give Aquatic Chronic 2 — H411; Eco Candle Project keeps this more protective result. Estragole (Muta. 2, Carc. 2) is present at 0.23%, below the 1% classification limit; gamma-terpinene (Repr. 2) at no more than 1%, below the 3% limit.



2.2 Label elements



GHS07



GHS08



GHS09

Hazard pictograms	GHS07, GHS08, GHS09
Signal word	DANGER
Contains (hazard-determining)	Benzyl salicylate, Linalyl acetate, Linalool, d-Limonene, Butylphenyl methylpropional (BMHCA), Isoamyl salicylate, Eucalyptol (1,8-cineole), beta-Pinene, beta-Pinene, Cedryl acetate, Methyl 2,4-dihydroxy-3,6-dimethylbenzoate, beta-Caryophyllene, alpha-Pinene
Hazard statements	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H360 May damage fertility or the unborn child. H411 Toxic to aquatic life with long lasting effects.
Supplemental information	EUH208 Contains Coumarin, Eugenol, Estragole, Citral, d-Carvone, Triplal (2,4-dimethylcyclohex-3-ene-1-carbaldehyde). May produce an allergic reaction. Restricted to professional users.
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 butylphenyl methylpropional (BMHCA, CAS 80-54-6), a substance on the REACH Candidate List of Substances of Very High Concern (SVHC, toxic for reproduction), at 2.17% ($\geq 0.1\%$). It contains no PBT/vPvB substances (REACH Annex XIII) and no substances identified as having 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
Benzyl salicylate	CAS 118-58-1 EC 204-262-9 REACH 01-2119969442-31	10.00 – 20.00	Eye Irrit. 2, H319; Skin Sens. 1B, H317; Aquatic Chronic 3, H412
Linalool	CAS 78-70-6 EC 201-134-4 REACH 01-2119474016-42	5.00 – 10.00	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
Dihydromyrcenol (2,6-dimethyloct-7-en-2-ol)	CAS 18479-58-8 EC 242-362-4 REACH 01-2119457274-37	5.00 – 10.00	Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H336



Name	Identifiers	%	Classification (EC) No 1272/2008
Linalyl acetate	CAS 115-95-7 EC 204-116-4 REACH 01-2119454789-19	5.00 – 10.00	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1B, H317
d-Limonene	CAS 5989-27-5 EC 227-813-5 REACH 01-2119529223-47	1.00 – 5.00	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 3, H412
Butylphenyl methylpropional (BMHCA)	CAS 80-54-6 EC 201-289-8 REACH 01-2119485965-18	1.00 – 5.00	Acute Tox. 4 (oral), H302; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Repr. 1B, H360Fd; Aquatic Chronic 3, H412
Patchouli alcohol (patchoulol)	CAS 5986-55-0 EC 227-807-2	1.00 – 5.00	Aquatic Chronic 2, H411
Isoamyl salicylate	CAS 87-20-7 EC 904-908-6 REACH 01-2120809315-60	0.100 – 1.00	Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 3, H412
gamma-Terpinene	CAS 99-85-4 EC 202-794-6 REACH 01-2120780478-40	0.100 – 1.00	Flam. Liq. 3, H226; Repr. 2, H361; Aquatic Chronic 2, H411
Eucalyptol (1,8-cineole)	CAS 470-82-6 EC 207-431-5 REACH 01-2119967772-24	0.100 – 1.00	Flam. Liq. 3, H226; Skin Sens. 1B, H317
beta-Pinene	CAS 18172-67-3 EC 242-060-2 REACH 01-2119519230-54	0.100 – 1.00	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Allyl amyl glycolate	CAS 67634-00-8 EC 916-328-0 REACH 01-2120794630-50	0.100 – 1.00	Acute Tox. 4 (oral), H302; Acute Tox. 4 (dermal), H312; STOT RE 2, H373; Aquatic Acute 1, H400
beta-Pinene	CAS 127-91-3 EC 204-872-5	0.100 – 1.00	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Coumarin	CAS 91-64-5 EC 202-086-7 REACH 01-2119949300-45	0.100 – 1.00	Acute Tox. 4 (oral), H302; Skin Sens. 1B, H317; Aquatic Chronic 3, H412
Cedryl acetate	CAS 77-54-3 EC 201-036-1 REACH 01-2120739845-42	0.100 – 1.00	Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Eugenol	CAS 97-53-0 EC 202-589-1 REACH 01-2119971802-33	0.100 – 1.00	Eye Irrit. 2, H319; Skin Sens. 1B, H317
Methyl 2,4-dihydroxy-3,6-dimethylbenzoate	CAS 4707-47-5 EC 225-193-0 REACH 01-2120762759-36	0.100 – 1.00	Skin Sens. 1B, H317
beta-Caryophyllene	CAS 87-44-5 EC 201-746-1 REACH 01-2120745237-53	0.100 – 1.00	Asp. Tox. 1, H304; Skin Sens. 1B, H317
Estragole	CAS 140-67-0 EC 205-427-8 REACH 01-2120783278-41	0.100 – 1.00	Acute Tox. 4 (oral), H302; Skin Sens. 1B, H317; Muta. 2, H341; Carc. 2, H351; Aquatic Chronic 3, H412
alpha-Pinene	CAS 80-56-8 EC 201-291-9	0.100 – 1.00	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Acute Tox. 4 (oral), H302; Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Citral	CAS 5392-40-5 EC 226-394-6 REACH 01-2119462829-23	0.100 – 1.00	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317



Name	Identifiers	%	Classification (EC) No 1272/2008
Myrcene	CAS 123-35-3 EC 204-622-5 REACH 01-2119514321-56	0.100 – 1.00	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Aquatic Acute 1, H400; Aquatic Chronic 2, H411
d-Carvone	CAS 2244-16-8 EC 218-827-2	0.100 – 1.00	Skin Sens. 1B, H317
Triplal (2,4-dimethylcyclohex-3-ene-1-carbaldehyde)	CAS 68039-49-6 EC 943-728-2 REACH 01-2119982384-28	0.100 – 1.00	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 2, H411

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. May damage fertility or the unborn child.
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	No occupational exposure limits for the components. 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 yellow
Odour	Characteristic — aromatic fougère (citrus, rosemary, lavender, sage, clove, patchouli, cedarwood, pine, moss, musk)
Flash point	73 °C (closed cup)
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
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. 1B — H360
Mutagenicity, carcinogenicity, STOT	Not classified

SECTION 12: Ecological information

12.1 Toxicity	Aquatic Chronic 2 — H411. Main contributors: beta-Pinene, beta-Pinene, cedryl acetate, alpha-Pinene and patchouli alcohol (patchoulol).
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)	HP4, HP10, 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. (PATCHOULOL, CEDRYL ACETATE)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PATCHOULOL, CEDRYL ACETATE)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PATCHOULOL, CEDRYL ACETATE)
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	Contains an SVHC on the REACH Candidate List ≥ 0.1%: butylphenyl methylpropional (BMHCA, CAS 80-54-6) (2.17%) — REACH Article 33 information duties apply to articles containing it above 0.1%. No Annex XIV substances. Annex XVII entry 30 (Repr. 1B ≥ 0.3%): the pure fragrance must not be placed on the market for supply to the general public; the packaging must be marked visibly, legibly and indelibly "Restricted to professional users".
Seveso III	E2 — Hazardous to the aquatic environment, Chronic 2.
PCN / UFI	UFI R264-40CW-V00Q-766J (manufacturer's notification).
IFRA (51st)	Candles (Cat. 12): max 48.19%. Reed diffusers (Cat. 10A): max 0.41%. Room sprays (Cat. 10B): max 0.96%. Fine fragrance (Cat. 4): max 6.13%. See IFRA certificate.



SECTION 16: Other information

Revision	Version 1.0 — Eco Candle Project edition, 23/10/2026. Based on the manufacturer's SDS for the pure fragrance (version 2.0 of 25/09/2023, issued 25/09/2023), allergen declaration and IFRA 51st Amendment certificate (13/09/2024). The manufacturer declares component concentrations as ranges. Exact values from the manufacturer's allergen declaration and IFRA certificate were used where available (benzyl salicylate 17.39%, linalool 9.21%, limonene 4.43%, butylphenyl methylpropional 2.17%, coumarin 0.44%, eugenol 0.36%, estragole 0.23%, citral 0.21%, carvone 0.18%, dimethylcyclohexene carbaldehyde 0.13%); all other components were set at the upper limit of their range. The manufacturer has not issued SDSs for diluted preparations — the classifications of the 5% and 10% preparations were calculated by Eco Candle Project with the CLP calculation method. IFRA limits this fragrance to 0.41% in reed diffusers (Category 10A) and 0.96% in room sprays (Category 10B): it is not suitable for diffusers, so no diffuser SDS is issued. Section 3 shows the manufacturer's ranges.
Abbreviations	ATE = Acute Toxicity Estimate; UFI = Unique Formula Identifier; PCN = Poison Centre Notification; SCL = specific concentration limit; BMHCA = butylphenyl methylpropional (p-tert-butyl-alpha-methylhydrocinnamic aldehyde); 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. **H336** May cause drowsiness or dizziness. **H341** Suspected of causing genetic defects. **H351** Suspected of causing cancer. **H360** May damage fertility or the unborn child. **H360Fd** May damage fertility. Suspected of damaging the unborn child. **H361** Suspected of damaging fertility or the unborn child. **H373** May cause damage to organs through prolonged or repeated exposure. **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.