

SAFETY DATA SHEET

TURKISH CEDAR (CONC.) — 5% preparation in non-hazardous 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 5% of TURKISH CEDAR (CONC.) fragrance and 95% of non-hazardous 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 TURKISH CEDAR (CONC.) at 5%
UFI (pure fragrance)	8NH1-70RT-V00Q-66XS
Type of product	Perfumes, fragrances
Base	Non-hazardous, non-classified base — 95%

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Air-care products in a non-hazardous base: reed diffusers (within the IFRA 10A limit of 100.00%), room sprays and other non-cosmetic applications.
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 — H412
Aquatic hazard, chronic	Aquatic Chronic 3 — H412. $10 \times M \times \Sigma \text{Chronic } 1 + \Sigma \text{Chronic } 2 = 3.7\%$ ($\geq 25\% \rightarrow \text{Chronic } 2$); $100 \times M \times \Sigma \text{Chronic } 1 + 10 \times \Sigma \text{Chronic } 2 + \Sigma \text{Chronic } 3 = 36.8\%$.
Skin sensitisation	Not classified — highest sensitiser acetyl cedrene $0.25\% < 1\%$. EUH208 applies ($\geq 1/10$ of the limit).
Eye irritation	Not classified — $\Sigma \text{Eye Irrit. } 2 (\geq 1\%) = 0.00\%$ (threshold: 10%).
Skin irritation	Not classified — $\Sigma \text{Skin Irrit. } 2 (\geq 1\%) = 0.00\%$ (threshold: 10%).
Aspiration hazard	Not classified — $\Sigma \text{Asp. Tox. } 1 = 0.07\%$ (threshold: 10%).
Notes	The pure fragrance (100%) is classified H317 and H411 (WARNING). See Annex — Calculation record.
Manufacturer cross-check	Consistent with the manufacturer's SDS for the 5% dilution, dated 03/06/2025: H412.



2.2 Label elements

Hazard pictograms	None
Signal word	None (no pictogram required)
Hazard statements	H412 Harmful to aquatic life with long lasting effects.
Supplemental information	EUH208 Contains 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. 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 5% (manufacturer's values $\times 0.05$):

Name	Identifiers	%	Classification (EC) No 1272/2008
Acetyl cedrene	CAS 32388-55-9 EC 251-020-3	0.200 – 1.00	Skin Sens. 1B, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Ethylene brassylate	CAS 105-95-3 EC 203-347-8	0.050 – 0.100	Aquatic Chronic 3, H412
Pentadecan-15-olide	CAS 106-02-5 EC 203-354-6	0.020 – 0.050	Aquatic Chronic 2, H411
(1-Methyl-2-(1,2,2-trimethylbicyclo[3.1.0]hex-3-ylmethyl)cyclopropyl)methanol	CAS 198404-98-7 EC 427-900-1	0.020 – 0.050	Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Virginia cedarwood oil (Juniperus virginiana)	CAS 8000-27-9 EC 285-370-3	0.020 – 0.050	Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Atlas cedarwood oil (Cedrus atlantica)	CAS 8023-85-6 / 92201-55-3 EC 617-018-5	0.020 – 0.050	Asp. Tox. 1, H304; Aquatic Chronic 2, H411
Chinese cedarwood (Cupressus funebris) — cedrol	CAS 77-53-2 / 28231-03-0 EC 201-035-6	0.020 – 0.050	Aquatic Chronic 2, H411
2-[1-(3,3-Dimethylcyclohexyl)ethoxy]-2-methylpropyl propanoate	CAS 236391-76-7 EC 607-255-2	0.020 – 0.050	Aquatic Chronic 2, H411
(Ethoxymethoxy)cyclododecane	CAS 58567-11-6 EC 261-332-1	0.020 – 0.050	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 2, H411
2-Ethoxy-9-methylene-2,6,6-trimethylbicyclo[3.3.1]nonane	CAS 68845-00-1 EC 272-447-1	0.020 – 0.050	Aquatic Chronic 2, H411
2,2,6-Trimethyl- α -propylcyclohexanepropanol	CAS 70788-30-6 EC 274-892-7	< 0.020	Skin Sens. 1B, H317
Ethyl linalool (3,7-dimethylnona-1,6-dien-3-ol)	CAS 10339-55-6 EC 233-732-6	< 0.020	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2, H319
Oxacycloheptadec-10-en-2-one	CAS 63286-42-0 / 28645-51-4	< 0.020	Skin Sens. 1B, H317; Aquatic Acute 1, H400 (M = 1)



Name	Identifiers	%	Classification (EC) No 1272/2008
Cedrol methyl ether	CAS 67874-81-1 / 19870-74-7 EC 267-510-5	< 0.020	Skin Sens. 1B, H317; Aquatic Acute 1, H400 (M = 1); Aquatic Chronic 1, H410
Linalyl acetate	CAS 115-95-7 EC 204-116-4	< 0.020	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2, H319
Coumarin	CAS 91-64-5 EC 202-086-7	< 0.020	Acute Tox. 4 (oral), H302; Aquatic Chronic 3, H412; Skin Sens. 1, H317
Citronellol	CAS 106-22-9 EC 203-375-0	< 0.020	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Eye Irrit. 2, H319
Methylenedioxyphenyl methylpropanal	CAS 1205-17-0 EC 214-881-6	< 0.020	Skin Sens. 1B, H317; Aquatic Chronic 2, H411; Repr. 2, H361
d-Limonene (orange terpenes)	CAS 68647-72-3 / 8028-48-6 EC 232-433-8	< 0.020	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Skin Irrit. 2, H315; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317
Oxacyclohexadecen-2-one	CAS 34902-57-3 / 111879-80-2	< 0.020	Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Cardamom oil (Elettaria cardamomum)	CAS 8000-66-6 EC 288-922-1	< 0.020	Aquatic Chronic 2, H411; Skin Sens. 1, H317
6-sec-Butylquinoline	CAS 65442-31-1 / 67634-06-4 EC 265-777-2	< 0.020	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 2, H411
Inert base	—	95	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.
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	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	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.
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: Citral, CAS 5392-40-5 — 5 ppm (8 h TWA). 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
Odour	Characteristic — cedarwood
Flash point	Not determined for the preparation; pure fragrance: not stated by the manufacturer (not classified as flammable)
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
Skin corrosion/irritation	Not classified
Eye irritation	Not classified
Skin sensitisation	Not classified (EUH208)
Aspiration hazard	Not classified
Mutagenicity, carcinogenicity, reproductive toxicity, STOT	Not classified

**SECTION 12: Ecological information**

12.1 Toxicity	Aquatic Chronic 3 — H412. Main contributors: acetyl cedrene, (1-Methyl-2-(1,2,2-trimethylbicyclo[3.1.0]hex-3-ylmethyl)cyclopropyl)methanol, virginia cedarwood oil, cedrol methyl ether and oxacyclohexadecen-2-one.
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 5% — 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.
PCN / UFI	Not required — the mixture is classified only for an environmental hazard.
IFRA (51st)	Reed diffusers (Cat. 10A): no restriction (100%) — 5% complies. Room sprays (Cat. 10B): no restriction (100%) — complies.

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 17/01/2025, issued 17/01/2025), allergen declaration and IFRA 51st Amendment certificate (17/01/2025). The manufacturer's SDS for the pure fragrance lists the hazardous components without concentrations. Concentrations were derived by Eco Candle Project from the manufacturer's SDSs for the 5%, 10% and 25% dilutions (declared range $\times 100$ / dilution, intersecting the three) and from the manufacturer's allergen declaration where available (acetyl cedrene 5.0%, Virginia cedarwood oil 0.7%, Atlas cedarwood oil 0.6%, linalyl acetate, coumarin, citronellol, orange oil); the midpoint of the derived range was used otherwise. With these values the calculation reproduces the manufacturer's classification of the pure fragrance (H317, H411) and of the 5%, 10% and 25% preparations. Classification of the 5% preparation calculated by Eco Candle Project.
Abbreviations	ATE = Acute Toxicity Estimate; UFI = Unique Formula Identifier; PCN = Poison Centre Notification; SCL = specific concentration limit; 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. **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 (5%)

Hazard class	Fragrance 100%	Calculation at 5% / threshold	Result at 5%
Aspiration hazard	Not classified	$\Sigma = 0.07\% / \geq 10\%$	Not classified
Skin irritation	Not classified	$\Sigma = 0.00\% / \geq 10\%$	Not classified
Eye irritation	Not classified	$\Sigma = 0.0\% / \geq 10\%$	Not classified
Skin sensitisation	Skin Sens. 1	acetyl cedrene 0.25% / $\geq 1\%$	Not classified (EUH208)
Aquatic chronic	Aquatic Chronic 2	C2: 3.7%; C3: 36.8% / $\geq 25\%$	Aquatic Chronic 3 — H412
Physical hazards	Not classified	non-flammable base	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.