

SAFETY DATA SHEET

ICONIC ROUGE 540 — 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 ICONIC ROUGE 540 fragrance and 90% of non-hazardous wax 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 ICONIC ROUGE 540 at 10%
UFI (pure fragrance)	5Q5N-XCG5-100P-TUAS
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. $10 \times M \times \Sigma \text{Chronic 1} + \Sigma \text{Chronic 2} = 10.1\% (\geq 25\% \rightarrow \text{Chronic 2})$; $100 \times M \times \Sigma \text{Chronic 1} + 10 \times \Sigma \text{Chronic 2} + \Sigma \text{Chronic 3} = 101.0\%$.
Skin sensitisation	Skin Sens. 1 — H317. Hexyl cinnamal 1.30% is $\geq$ the concentration limit (1% generic).
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 — $\Sigma \text{Asp. Tox. 1} = 0.14\%$ (threshold: 10%).
Acute toxicity (oral)	Not classified — ATE mix $\approx 101,215 \text{ mg/kg}$ (threshold: 2000 mg/kg).
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 10% dilution: H317, H412.

2.2 Label elements



GHS07

Hazard pictograms	GHS07
Signal word	Warning
Contains (hazard-determining)	Hexyl cinnamal
Hazard statements	H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects.
Supplemental information	EUH208 Contains Tetramethyl acetyloctahydronaphthalenes (OTNE). 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. 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. 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 $\times 0.10$):

Name	Identifiers	%	Classification (EC) No 1272/2008
Bis(2-ethylhexyl) adipate	CAS 103-23-1 EC 203-090-1 REACH 01-2119439699-19	3.00 – 6.00	
Hexyl cinnamal	CAS 101-86-0 EC 202-983-3 REACH 01-2119533092-50	0.650 – 1.30	Skin Sens. 1, H317; Aquatic Chronic 2, H411
Tetramethyl acetyloctahydronaphthalenes (OTNE)	CAS 54464-57-2 EC 259-174-3 REACH 01-2119489989-04	0.300 – 0.600	Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Chronic 1, H410
Methyl 2,4-dihydroxy-3,6-dimethylbenzoate	CAS 4707-47-5 EC 225-193-0 REACH 01-2120762759-36	0.150 – 0.300	Aquatic Chronic 3, H412
Acetyl hexamethyl tetralin (AHTN)	CAS 21145-77-7 EC 244-240-6	0.100 – 0.200	Acute Tox. 4 (oral), H302; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
Ethyl maltol	CAS 4940-11-8 EC 225-582-5	0.080 – 0.150	Acute Tox. 4 (oral), H302
Ethyl vanillin	CAS 121-32-4 EC 204-464-7	0.060 – 0.110	Eye Irrit. 2, H319



Name	Identifiers	%	Classification (EC) No 1272/2008
Benzyl acetate	CAS 140-11-4 EC 205-399-7 REACH 01-2119638272-42	0.050 – 0.100	Aquatic Chronic 3, H412
Maltol	CAS 118-71-8 EC 204-271-8	0.050 – 0.100	Acute Tox. 4 (oral), H302
(Ethoxymethoxy)cyclododecane	CAS 58567-11-6 EC 261-332-1	0.030 – 0.050	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 2, H411
Atlas cedarwood oil (Cedrus atlantica)	CAS 8023-85-6 EC 295-985-9	0.030 – 0.050	Skin Sens. 1, H317; Asp. Tox. 1, H304; Aquatic Chronic 2, H411
Pine needle oil	CAS 8002-09-3 EC 306-895-7	0.020 – 0.040	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Asp. Tox. 1, H304; Aquatic Chronic 2, H411
Cyclamen aldehyde	CAS 103-95-7 EC 203-161-7 REACH 01-2119970582-32	0.020 – 0.040	Skin Irrit. 2, H315; Skin Sens. 1B, H317; Aquatic Chronic 2, H411
Cedryl acetate	CAS 77-54-3 EC 201-036-1	0.020 – 0.040	Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1B, H317
Patchouli oil (Pogostemon cablin)	CAS 8014-09-3 EC 616-944-7	0.020 – 0.040	Skin Sens. 1B, H317; Asp. Tox. 1, H304; Aquatic Chronic 2, H411
Benzyl benzoate	CAS 120-51-4 EC 204-402-9 REACH 01-2119976371-33	0.020 – 0.036	Acute Tox. 4 (oral), H302; Aquatic Acute 1, H400; Aquatic Chronic 2, H411
Propane-1,2-diol (propylene glycol)	CAS 57-55-6 EC 200-338-0 REACH 01-2119456809-23	0.020 – 0.032	
Triplal (2,4-dimethylcyclohex-3-ene-1-carbaldehyde)	CAS 68039-49-6 EC 268-264-1	0.020 – 0.030	Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 3, H412
Mastic oil (Pistacia lentiscus)	CAS 68991-39-9 EC 263-098-6	0.010	Flam. Liq. 3, H226; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Repr. 2, H361; Asp. Tox. 1, H304; Aquatic Chronic 1, H410
Furaneol (4-hydroxy-2,5-dimethyl-3(2H)-furanone)	CAS 3658-77-3 EC 222-908-8	< 0.008	Acute Tox. 4 (oral), H302; Skin Corr. 1B, H314; Eye Irrit. 2, H319; Skin Sens. 1A, H317
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 (above 93.3 °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.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters	Exposure limits listed by the manufacturer: Bis(2-ethylhexyl) adipate, CAS 103-23-1 — Poland NDS 400 mg/m ³ (8 h TWA); Benzyl acetate, CAS 140-11-4 — Portugal: 10 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. 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 — amberwood, saffron, sugared notes
Flash point	Not determined for the preparation; pure fragrance > 93.3 °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 ≈ 101,215 mg/kg)
Skin corrosion/irritation	Not classified
Eye irritation	Not classified



Skin sensitisation	Skin Sens. 1 — H317
Aspiration hazard	Not classified
Mutagenicity, carcinogenicity, reproductive toxicity, STOT	Not classified

SECTION 12: Ecological information

12.1 Toxicity	Aquatic Chronic 3 — H412. Main contributors: tetramethyl acetyloctahydronaphthalenes (OTNE), acetyl hexamethyl tetralin (AHTN), hexyl cinnamal, cedryl acetate and mastic oil (Pistacia lentiscus).
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)	HP13, 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. 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.
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 (5Q5N-XCG5-100P-TUAS) can be declared as a component (MiM).
IFRA	The manufacturer's IFRA conformity certificate has been requested and the IFRA maximum use levels (reed diffusers, room sprays and other categories) will be added in the next revision. Until then, contact Eco Candle Project before using this fragrance in products other than candles.

SECTION 16: Other information

Revision	Version 1.0 — Eco Candle Project edition, 21/10/2026. Based on the manufacturer's SDS for the pure fragrance (revision of 01/08/2024, issued 01/08/2024), IFRA certificate pending. The manufacturer declares component concentrations as ranges; the classification was calculated using the upper limit of each range (conservative), which reproduces the manufacturer's classification of the pure fragrance (H317, H411). The manufacturer's SDSs for 5%, 10% and 25% dilutions are prepared in dipropylene glycol (a non-classified solvent) and give H412 + EUH208 (5%) and H317, H412 (10% and 25%); the 5% and 10% preparations calculated here in a non-hazardous base reproduce these classifications. The IFRA certificate and the allergen declaration for this formula have been requested from the manufacturer; the diffuser preparation in Augeo Clean Multi will be issued once the IFRA Category 10A limit is known. Classification of the 10% preparation calculated by Eco Candle Project.
Abbreviations	ATE = Acute Toxicity Estimate; UFI = Unique Formula Identifier; PCN = Poison Centre Notification; SCL = specific concentration limit; OTNE = tetramethyl acetyloctahydronaphthalenes; AHTN = 7-acetyl-1,1,3,4,4,6-hexamethyltetralin; 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. **H314** Causes severe skin burns and eye damage. **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 (10%)

Hazard class	Fragrance 100%	Calculation at 10% / threshold	Result at 10%
Acute toxicity (oral)	Not classified (ATE 10,121)	ATE $\approx$ 101,215 mg/kg / $\leq$ 2000	Not classified
Aspiration hazard	Not classified	$\Sigma = 0.14\%$ / $\geq 10\%$	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	hexyl cinnamal 1.30% / $\geq 1\%$	Skin Sens. 1 — H317
Aquatic chronic	Aquatic Chronic 2	C2: 10.1%; C3: 101.0% / $\geq 25\%$	Aquatic Chronic 3 — H412
Physical hazards	Not classified (FP > 93.3 °C)	FP > 60 °C	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.