



SAFETY DATA SHEET

FRENCH CROISSANT — 10% preparation in solvent/wax

According to Regulation (EC) No. 2020/878 (REACH)

△ NOTE: This document applies to the final mixture containing 10% of FRENCH CROISSANT fragrance oil. All hazard, composition and concentration data have been recalculated from the original SDS .

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identification

Product Name	Preparation with FRENCH CROISSANT at 10%
Fragrance Reference	FRENCH CROISSANT
UFI (pure fragrance)	M3QW-14G3-M00U-YX6D
Intended Use	Fragrance ingredient for consumer products (candles, diffusers, scented waxes). Not intended for direct personal use in this form.

1.2 Company Identification

Company	EcoCandleProject — ecocandleproject.com
Location	Algés, Lisbon Area, Portugal
Email	info@ecocandleproject.com
Emergency Telephone	Poison Control: +351 800 250 250 (24 hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation EC 1272/2008 [CLP/GHS] — calculated at 10% incorporation:

Acute Toxicity (Oral)	H302 — Harmful if swallowed
Eye Irritation	H319 — Causes serious eye irritation
Skin Sensitisation	H317 — May cause an allergic skin reaction
Aquatic Hazard Chronic	H411 — Toxic to aquatic life with long-lasting effects (at 10%; pure mixture: H410)
Notes	Classification H410 of pure fragrance is reduced to H411 at 10-25%, as component concentrations fall below thresholds.

2.2 Label Elements

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Pictograms	⚠ Exclamation Mark (GHS07) 🌿 Environment (GHS09)
Signal Word	Warning
Hazard Statements	H302: Harmful if swallowed H317: May cause an allergic skin reaction H319: Causes serious eye irritation H411: Toxic to aquatic life with long-lasting effects

2.3 Other hazards

According to Annex XIII of the REACH Regulation, the mixture does not contain PBT or mPmB substances at $\geq 0.1\%$.

The mixture does not contain substances with endocrine-disrupting properties at $\geq 0.1\%$.

SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS

3.1 Characterisation of the mixture

Mixture: FRENCH CROISSANT fragrance at 10% in base (solvent/wax/diluent). The components listed below refer to concentrations present in the FINAL mixture at 10%.

Note: Minor components ($< 0.1\%$) are not listed but are declared by the maugacturer in the original SDS.

Substance	CAS No.	Conc. (%)	GHS Classification
Benzyl benzoate	120-51-4	3.78–7.56%	H302, H400, H411
d-Limoneno	5989-27-5	0.25–0.50%	H226, H315, H317, H304, H400, H412
Ethyl vanillin	121-32-4	0.25–0.50%	H319



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Vanillin	121-33-5	0.25–0.50%	H319
Benzyl alcohol	100-51-6	0.21–0.42%	H302, H332, H315, H319
Ethyl maltol	4940-11-8	0.18–0.35%	H302

SECTION 4: FIRST-AID MEASURES

4.1 Description of first aid measures

Eye contact	Rinse immediately with running water for 10-15 minutes. Remove contact lenses. Seek medical assistance.
Skin contact	Remove contaminated clothing. Wash with water and soap for 15 minutes. If irritation persists, seek medical assistance.
Inhalation	Move victim to well-ventilated area. Administer oxygen if necessary. Seek medical assistance if symptoms persist.
Ingestion	DO NOT induce vomiting. Immediately contact Poison Control: +351 800 250 250.
Emergency telephone	Poison Control: +351 800 250 250

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	CO ₂ , foam, dry chemical powder. Avoid direct water spray.
Specific hazards	Combustion may generate irritating vapours and fumes. Combustion products: CO, CO ₂ , nitrogen oxides.
PPE for firefighters	Self-contained breathing apparatus and suitable protective clothing.
Special remarks	Do not use sand for containment. Use large quantities of water to cool exposed containers.

SECTION 6: ACCIDENTAL SPILLAGE MEASURES

Personal precautions	Use suitable PPE (nitrile gloves, safety glasses). Avoid inhalation of vapours. Ensure sufficient ventilation. Do not smoke.
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Environmental precautions	Avoid discharge to sewers, watercourses or soil. Product is toxic to aquatic organisms. Notify local authorities if necessary.
Containment/Cleanup	Absorb with inert absorbent material (sand, vermiculite, diatomaceous earth). Collect in closed container. Do not use paper.
Disposal	Dispose of according to local/national regulations. Consider transfer to an authorised waste container.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Use nitrile gloves and safety glasses. Do not smoke or use ignition sources nearby. Maintain adequate ventilation. Do not ingest. Wash hands after handling.

7.2 Conditions for safe storage

Store in closed containers, away from heat sources, at room temperature (15-25°C). Protect from direct sunlight. Do not reuse containers. Keep out of reach of children. Store away from oxidising materials.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

No occupational exposure limits (OEL) are established for this mixture at 10%. DNEL and PNEC not available for the mixture.

8.2 Exposure control

Engineering controls	Adequate general ventilation. No local exhaust system required for this mixture.
Hand protection	Nitrile gloves (minimum thickness 0.11 mm), estimated durability 30-60 minutes.
Eye protection	Safety glasses with side protection (EN 166 F).
Respiratory protection	Not required under normal conditions. If prolonged exposure: P2 mask (EN 149).



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Colour	Clear to yellowish (10%)
Odour	Characteristic (sweet, croissant-vanilla aroma) — intensity: strong at 10%
pH	Not applicable (organic liquid)
Boiling point	~200-220°C (estimated; varies with base composition)
Flash point	~85-90°C (10%; pure fragrance: >100°C)
Relative density	~0.95-1.05 kg/L (at 20°C)
Solubility	Soluble in common organic solvents; partially soluble in water (< 1% at 20°C)

SECTION 10: STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions of use and storage at 10%.
Reactivity	No known reaction with water. Possible slow reaction with strong oxidising agents.
Conditions to avoid	Elevated temperatures (> flash point ~90°C), ignition sources, oxidising agents, concentrated acids/bases.
Hazardous decomposition products	Does not decompose if stored correctly. Combustion may release CO, CO ₂ and nitrogen oxides.
Incompatibilities	Avoid contact with: strong acids, strong bases, oxidisers (peroxides, chlorine, permanganates).

SECTION 11: TOXICOLOGICAL INFORMATION

This mixture at 10% has not been submitted to toxicological testing as a whole. Classification is based on data from its constituents provided by manufacturer's SDS

Acute toxicity data for major components are available in the pure fragrance SDS FRENCH CROISSANT

LD50 (estimated): > 2000 mg/kg b.w. (H302 classification remains valid)



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SECTION 12: ECOLOGICAL INFORMATION

Aquatic toxicity (at 10%): H411 — Toxic to aquatic life with long-lasting effects.

Note: Pure fragrance (100%) classifies H410; at 10% reduces to H411 due to dilution.

Persistence and degradability: Not available for the mixture. Components: biodegradable or moderately degradable.

Bioaccumulation potential: Not available.

PBT/mPmB assessment: The mixture does not contain PBT or mPmB substances at $\geq 0.1\%$ (REACH Annex XIII).

SECTION 13: WASTE DISPOSAL CONSIDERATIONS

Product waste: At 10%, dispose of according to local/national regulations. Do not discharge to sewers or environment.

Contaminated packaging: Dispose of through an authorised waste operator, in compliance with local legislation.

Consult: Local waste management authorities for specific guidance.

SECTION 14: TRANSPORT INFORMATION

Transport classification (at 10%):

- UN: 3082 (Environmentally Hazardous Substance)
- Class: 9
- Packing Group: III
- Compliance: ADR, IMDG, IATA

Note: Pure fragrance (FRENCH CROISSANT 100%) also classifies UN3082. Verify transport certificate from supplier.



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SECTION 15: REGULATORY INFORMATION

Applicable Regulations:

- Regulation (EC) No. 1272/2008 (CLP/GHS) — Classification and labelling
- Regulation (EC) No. 1907/2006 (REACH) — Restrictions and assessment
- Regulation (EU) 2020/878 — SDS format and requirements

Chemical Safety Assessment: Not performed for this mixture at 10-25%. Pure fragrance was assessed by Firmenich.

Cosmetics/Consumer Products Regulation: The product is not intended for direct application to skin. Use in candles, diffusers and scented waxes must comply with IFRA (International Fragrance Association) guidelines.

SECTION 16: OTHER INFORMATION

Date of preparation/revision: August 2026 — preparation at 10% based on supplier's FRENCH CROISSANT SDS v2.0 (March 2023)

Prepared by: EcoCandleProject — based on supplier data

Sources: FRENCH CROISSANT SDS v2.0; RIFM database; REACH; CLP/GHS Regulation

Acronyms: UFI = Unique Formula Identifier; DNEL = Derived No Effect Level; PNEC = Predicted No Effect Concentration; PBT = Persistent, Bioaccumulative and Toxic; mPmB = mobile Persistent and mobile Bioaccumulative; OEL = Occupational Exposure Limit; SCL = Specific Concentration Limit

This document has been prepared based on the best information available and is intended exclusively for internal use and B2B communication. EcoCandleProject assumes no liability for unintended uses of the mixture.