



ECO CANDLE PROJECT

# FRENCH CROISSANT

@ 5% In non-hazardous base

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 5/3/2023 Version: 1.0

## SAFETY DATA SHEET

### FRENCH CROISSANT — 5% preparation in solvent/wax

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

△ NOTE: This document applies to the final mixture containing 5% of FRENCH CROISSANT fragrance. 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 5%                                                                                            |
| Fragrance Reference  | FRENCH CROISSANT Fragrance Oil                                                                                                     |
| 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 5% 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 5%; 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



GHS07

GHS09

|                          |                                                                                                                                                                         |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Pictograms</b>        | ⚠ Exclamation Mark (GHS07)   💧 Environment (GHS09)                                                                                                                      |
| <b>Signal Word</b>       | Warning                                                                                                                                                                 |
| <b>Hazard Statements</b> | H302: Harmful if swallowed<br>H317: May cause an allergic skin reaction<br>H319: Causes serious eye irritation<br>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 5% in base (solvent/wax/diluent). The components listed below refer to concentrations present in the FINAL mixture at 5%.

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

| Substance       | CAS No.   | Conc. (%)  | GHS Classification                 |
|-----------------|-----------|------------|------------------------------------|
| Benzyl benzoate | 120-51-4  | 1.89–3.78% | H302, H400, H411                   |
| d-Limoneno      | 5989-27-5 | 0.12–0.25% | H226, H315, H317, H304, H400, H412 |
| Ethyl vanillin  | 121-32-4  | 0.12–0.25% | H319                               |
| Vanillin        | 121-33-5  | 0.12–0.25% | H319                               |
| Benzyl alcohol  | 100-51-6  | 0.11–0.21% | H302, H332, H315, H319             |
| Ethyl maltol    | 4940-11-8 | 0.09–0.18% | H302                               |



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### 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

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

### SECTION 6: ACCIDENTAL SPILLAGE MEASURES

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



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## 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 5%. 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).   |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                  |                                                                               |
|------------------|-------------------------------------------------------------------------------|
| Physical state   | Liquid                                                                        |
| Colour           | Clear to yellowish (5%)                                                       |
| Odour            | Characteristic (sweet, croissant-vanilla aroma) — intensity: strong at 5%     |
| pH               | Not applicable (organic liquid)                                               |
| Boiling point    | ~200-220°C (estimated; varies with base composition)                          |
| Flash point      | ~85-90°C (5%; 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) |



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### SECTION 10: STABILITY AND REACTIVITY

|                                         |                                                                                                            |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Chemical stability</b>               | Stable under normal conditions of use and storage at 5%.                                                   |
| <b>Reactivity</b>                       | No known reaction with water. Possible slow reaction with strong oxidising agents.                         |
| <b>Conditions to avoid</b>              | Elevated temperatures (> flash point ~90°C), ignition sources, oxidising agents, concentrated acids/bases. |
| <b>Hazardous decomposition products</b> | Does not decompose if stored correctly. Combustion may release CO, CO <sub>2</sub> and nitrogen oxides.    |
| <b>Incompatibilities</b>                | Avoid contact with: strong acids, strong bases, oxidisers (peroxides, chlorine, permanganates).            |

### SECTION 11: TOXICOLOGICAL INFORMATION

This mixture at 5% has not been submitted to toxicological testing as a whole. Classification is based on data from its constituents provided by (SDS v2.0, 2023).

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)

### SECTION 12: ECOLOGICAL INFORMATION

Aquatic toxicity (at 5%): H411 — Toxic to aquatic life with long-lasting effects.

Note: Pure fragrance (100%) classifies H410; at 5% 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 ≥ 0.1% (REACH Annex XIII).

### SECTION 13: WASTE DISPOSAL CONSIDERATIONS

Product waste: At 5%, dispose of according to local/national regulations. Do not discharge to sewers or environment.



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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 5%):

- 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.

### 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 manufacturer

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 5% based on FRENCH CROISSANT SDS v2.0 (March 2023)



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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.

Safety Data Sheet - FRENCH CROISSANT at 5% in NHB  
Eco Candle Project | Vegteam Lda | Algés, Portugal  
August 2026 | Version 2.0

Compliance: Regulation (EC) No. 1272/2008 (CLP) | Regulation (EC) No. 1907/2006 (REACH) | Regulation (EU) 2020/878