

TECHNICAL DATA SHEET

NAT CRÈME BRÛLÉE

Natural gourmand cosmetic fragrance composition inspired by crème brûlée

1. PRODUCT IDENTIFICATION

Product name	Nat Crème Brûlée
Raw material type	Natural fragrance composition / gourmand cosmetic base
Olfactory family	Gourmand / Caramel / Vanilla / Milky
Odour profile	Crème brûlée, lightly burnt caramel, vanilla, a milky nuance and a warm, sweet gourmand character
Position in fragrance	Middle and base note
Application	Fragrance and cosmetic formulations, gourmand compositions, clean gourmand formulations, body-care products and milky vanilla-caramel fragrance bases
Raw material origin	Natural
Ingredient category	Cosmetics Collection / Nat Collection

2. OLFATORY CLASSIFICATION AND ODOUR PROFILE

Nat Crème Brûlée is a natural fragrance composition from the Nat Collection, developed around the gourmand theme of crème brûlée. It is intended for clean gourmand compositions and cosmetic formulations requiring a warm, sweet and creamy dessert character.

Its odour profile combines lightly burnt caramel, soft vanilla and a creamy milky nuance. The caramel facet provides warmth and a distinctive gourmand signature, while the vanilla and milky dimensions soften the composition and give it a rounded, pleasant and creamy finish.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

Nat Crème Brûlée functions as a middle and base note. It develops sweet caramel-vanilla fullness in the heart and leaves a warm, milky and longer-lasting gourmand trail in the base. It is particularly suitable for formulations requiring dessert-like sweetness without an excessively heavy or synthetically sharp effect.

4. APPLICATION AND COMPATIBILITY

It is suitable for gourmand compositions, clean gourmand formulations, body-care products, body lotions and milks, body butters, shower gels, vanilla-caramel accords, milky and creamy fragrance bases and warm dessert compositions.

It combines well with vanilla, tonka bean, caramel, milky accords, coconut, almond, cocoa, benzoin, labdanum, amber bases, white musks, sandalwood and soft balsamic materials. Compatibility is very good with gourmand, caramel, vanilla, milky, creamy, balsamic, amber, coconut, musky and warm dessert accords.

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5. RECOMMENDED USE

Recommended use in fragrances	Not specified in the supplied technical data
Gourmand compositions	According to the IFRA limit for the relevant product category
Clean gourmand formulations	According to the IFRA limit for the relevant product category
Body-care products	According to the IFRA limit for the relevant product category
Body lotions and milks	According to the IFRA limit for the relevant product category
Body butters and shower gels	According to the IFRA limit for the relevant product category
Vanilla-caramel accords	According to the IFRA limit for the relevant product category

The permitted concentration must be checked against the current IFRA certificate for the relevant final product category. Owing to its pronounced gourmand and caramel-vanilla character, gradual dosing is recommended. At lower levels it provides gentle dessert warmth, while at higher levels it may form a dominant crème brûlée accord. The recommended concentration depends on the medium, product type and intended intensity of the gourmand effect.

Preliminary testing of compatibility, stability, colour and odour profile in the final formulation is recommended.

6. PHYSICAL AND TECHNICAL DATA

Appearance	Liquid
Colour	Yellow to amber
Odour	Fruity
Olfactory character	Gourmand, sweet, caramel-like, lightly burnt, gently vanilla-like and mildly milky, with the warm dessert character of a crème brûlée accord
Density at 20 °C	1.104-1.144
Refractive index at 20 °C	1.459-1.469
Flash point	105 °C
Solubility	Not specified in the supplied TDS document

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7. STABILITY AND COMPATIBILITY

The material is stable when correctly stored under nitrogen and protected from direct sunlight, heat, moisture and contact with air. It is highly compatible with gourmand, caramel, vanilla, milky, creamy, balsamic, amber, coconut, musky and warm dessert accords.

Compatibility, stability, colour and odour profile must be confirmed in the intended final formulation and packaging.

8. REGULATORY DATA AND STATUS

Intended use: Professional use in fragrance and cosmetic formulations.

Vegan status: Vegan; does not contain ingredients of animal origin.

GMO status: GMO-free; does not contain GMO and is not derived from genetically modified materials.

IFRA status: Refer to the current IFRA certificate and apply the restrictions for the relevant product category.

9. STORAGE AND SHELF LIFE

Store under nitrogen at 5-21 °C, protected from direct sunlight, in a dry and well-ventilated area. Keep the container tightly closed and protect the material from heat, moisture and contact with air.

Recommended storage temperature: 5-21 °C.

Shelf life: 24 months under the prescribed storage conditions.

10. SAFETY INFORMATION

For professional use only. Consult the current IFRA certificate and Safety Data Sheet (SDS) before use. Use appropriate personal protective equipment.

11. DISCLAIMER

The information in this Technical Data Sheet applies to the raw material described and is based on the supplied technical data. The user is responsible for verifying suitability, stability, safety and regulatory compliance in the intended formulation, application and target market. This document does not constitute regulatory approval or a guarantee of the properties of the final product.