

TECHNICAL DATA SHEET

KARANAL BASE

Synthetic amber-caramel-musk base - warmth, softness and lasting depth

1. PRODUCT IDENTIFICATION

Product name	Karanal Base
Raw material type	Perfume base / amber-caramel-musk base
Olfactory family	Amber / Gourmand / Musk
Odour profile	Warm amber, subtle caramel, soft musk and a mildly woody character
Position in perfume	Base note
Application	Perfumes, fragrance formulations, gourmand-amber accords, warm oriental compositions, musk bases and woody-amber perfumes
Raw material origin	Synthetic
Ingredient category	Base
Inspiration	Warm amber-caramel accord with musky softness and subtle woody depth

2. OLFATORY CLASSIFICATION AND ODOUR PROFILE

Karanal Base is a synthetic perfume base from the amber-caramel-musk olfactory family, intended for building warm, long-lasting and rounded base accords.

Its odour profile is based on warm amber, accompanied by a subtle caramel nuance, a soft musky foundation and a discreet woody facet. This structure gives the composition richness, warmth and roundness, particularly in the lower part of the fragrance pyramid.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

Karanal Base has a pronounced base-note function. It contributes longevity, depth and cohesion between gourmand, amber and oriental elements. Its fixative effect is particularly useful in formulations intended to prolong warm and sweet-amber notes.

4. APPLICATION AND COMPATIBILITY

It is suitable for amber compositions, gourmand-amber accords, warm oriental perfumes, caramel fragrance structures, musk bases, woody-amber perfumes, vanillic-balsamic compositions and contemporary unisex fragrances.

In gourmand compositions, it adds a warm caramel-amber nuance without excessive syrupy heaviness. In oriental perfumes, it contributes softness and depth, while giving musk structures a warmer and more rounded finish.

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5. RECOMMENDED USE

The recommended use level in perfumes is 5-20%. The following typical working ranges should be adjusted to the desired effect, composition and intended product category.

Amber compositions	5-20%
Gourmand-amber accords	5-20%
Warm oriental compositions	5-15%
Caramel fragrance structures	3-12%
Musk bases	2-10%
Woody-amber perfumes	3-12%
Vanillic-balsamic compositions	3-15%
Cosmetic fragrance formulations	According to IFRA restrictions

Because of its pronounced base-note and fixative role, it is recommended where a warm, persistent and rounded fragrance finish is required. At low levels, it provides a warm amber-musk background; at higher levels, it may form the principal amber-gourmand signature.

Permitted concentrations must be verified against the current IFRA certificate for the specific product category. Preliminary testing of compatibility and stability in the final formulation is recommended.

6. PHYSICAL AND TECHNICAL DATA

Appearance	Liquid
Colour	Colourless to very pale yellow
Odour	Amber, woody
Olfactory character	Warm, ambery, subtly caramel-like, musky and woody, with a pronounced fixative role in the base of the composition
Density at 20 °C	0.926-0.966
Flash point	>105 °C
Solubility	Not specified in the supplied technical data

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7. STABILITY AND COMPATIBILITY

Karanal Base is stable when stored correctly in its original, well-filled and hermetically sealed container, protected from air and light.

It shows very good compatibility with amber, gourmand, caramel, musky, woody, oriental, balsamic, vanillic and spicy accords. In woody-amber compositions, it can connect dry woods with warm, sweet and balsamic elements.

It combines well with vanilla, tonka bean, benzoin, labdanum, amber bases, caramel accords, cocoa, patchouli, sandalwood, cedarwood, vetiver, musks, spices and balsamic materials.

8. REGULATORY DATA AND STATUS

Intended use: Professional use in perfume and fragrance formulations.

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

GMO status: Not specified in the supplied technical data.

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

9. STORAGE AND SHELF LIFE

Store at room temperature in the original, well-filled and hermetically sealed container, protected from air and light.

Recommended storage temperature: Room temperature.

Shelf life: 24 months under proper storage conditions.

10. SAFETY INFORMATION

For professional use only. Avoid direct contact with the undiluted product. Refer to the current Safety Data Sheet (SDS) for classification, safe handling, first-aid measures and disposal information.

11. DISCLAIMER

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