

TECHNICAL DATA SHEET

MAHOGANY BASE TYPE

Synthetic woody base - warmth, elegance and precious-wood depth

1. PRODUCT IDENTIFICATION

Product name	Mahogany Base Type
Raw material type	Perfume base / woody base
Olfactory family	Woody
Odour profile	Warm woods, mahogany, sandalwood, a subtle vanilla nuance and a discreet smoky-resinous facet
Position in perfume	Base note
Application	Perfumes, fragrance formulations, masculine woody compositions, woody-oriental perfumes, precious-wood accords and warm woody bases
Raw material origin	Synthetic
Ingredient category	Base
Inspiration	A warm accord of mahogany, sandalwood and precious woods, with subtle vanilla and smoky-resinous nuances

2. OLFATORY CLASSIFICATION AND ODOUR PROFILE

Mahogany Base Type is a synthetic perfume base from the woody olfactory family, developed to recreate the warm, elegant and subtly vanillic profile of precious woods.

Its odour profile is built around notes reminiscent of mahogany and sandalwood, accompanied by a discreet smoky-resinous nuance. A subtle vanilla facet softens the woody character, giving the composition warmth, roundness and a pleasant base-note finish.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

Mahogany Base Type has a pronounced base-note function. It contributes depth, warmth and longevity, particularly in fragrances requiring a refined woody character without excessive dryness or harshness.

4. APPLICATION AND COMPATIBILITY

It is suitable for masculine woody compositions, woody-oriental perfumes, precious-wood accords, sandalwood compositions, amber-woody perfumes, smoky-resinous structures, leather-woody accords and warm unisex fragrances.

In masculine woody compositions, it provides a firm, warm and elegant foundation. In woody-oriental perfumes, it connects woody notes with amber, spicy and balsamic components.

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5. RECOMMENDED USE

A general recommended use level is not specified in the supplied technical data. The following typical working ranges are indicative and should be adjusted to the desired effect, composition and intended product category.

Masculine woody compositions	2-15%
Woody-oriental perfumes	3-15%
Precious-wood accords	5-20%
Sandalwood compositions	2-10%
Amber-woody compositions	2-12%
Leather-woody accords	1-8%
Smoky-resinous structures	1-8%
Cosmetic fragrance formulations	According to IFRA restrictions

Because of its warm and persistent woody character, it is recommended for compositions intended to emphasise depth, stability and an elegant base signature. At low levels, it provides a warm woody nuance; at higher levels, it may form a dominant mahogany and precious-wood accord.

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	Amber
Odour	Woody
Olfactory character	Warm, woody, subtly vanillic, sandalwood-like, smoky-resinous and persistent, with the character of precious woods
Density at 20 °C	0.976-1.016
Flash point	92.7 °C
Solubility	Not specified in the supplied technical data

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7. STABILITY AND COMPATIBILITY

Mahogany Base Type 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 woody, sandalwood, amber, oriental, resinous, balsamic, smoky, spicy, leathery and musky accords. In precious-wood accords, it can create the impression of darker, warmer and more rounded wood with a subtle resinous finish.

It combines well with sandalwood, cedarwood, vetiver, patchouli, guaiac wood, labdanum, benzoin, tonka bean, vanilla, amber bases, incense, leather accords, spices, clean musks 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.