

TECHNICAL DATA SHEET

oud base

Synthetic oriental-woody base - depth, warmth and luxurious oud character

1. PRODUCT IDENTIFICATION

Product name	Oud Base
Raw material type	Perfume base / oriental-woody base
Olfactory family	Oud / Woody / Animalic / Leathery
Odour profile	Oud, woody, animalic, leathery, smoky, resinous and oriental
Position in perfume	Base note
Application	Perfumes and fragrance formulations
Raw material origin	Synthetic
Ingredient category	Base
Inspiration	Oud wood (Aquilaria malaccensis) accord

2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

Oud Base is a reconstructed perfume base designed to reproduce the complex and luxurious olfactory profile of oud wood, or agarwood (*Aquilaria malaccensis*), one of the most highly valued materials in perfumery.

It is characterised by a very deep oriental-woody profile with pronounced animalic, leathery and subtly smoky nuances that create an authentic oud character. Its rich resinous depth provides the sophisticated oriental signature associated with luxury Arabian and niche perfumes.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

Oud Base has a pronounced base-note function. It contributes depth, projection, warmth and longevity, while providing a distinctive and luxurious oriental character.

4. APPLICATION AND COMPATIBILITY

It is particularly suitable for oud perfumes, oriental-woody compositions, Arabian perfumes, niche fragrances with a pronounced oud character, luxury amber perfumes and dark resinous compositions.

It combines well with resins, incense, sandalwood notes, patchouli, musks, amber bases, spices, rose and leather accords.

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5. RECOMMENDED USE

The recommended use level in perfumes is 0.1-10%. The following typical working ranges should be adjusted to the desired effect, composition and intended product category.

Oud perfumes	1-10%
Oriental compositions	0.5-8%
Niche perfumes	0.5-5%
Woody perfumes	0.2-5%
Cosmetic fragrance formulations	0.1-2%

Carefully balanced dosing is recommended to achieve optimal harmony within the composition. At low levels, the base provides depth and a subtle leathery-resinous nuance; at higher levels, it may form the dominant oud 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	Dark brown
Odour	Animalic, leathery
Olfactory character	Deep oriental-woody accord with animalic, smoky and leathery oud nuances
Density at 20 °C	1.087-1.127
Flash point	92.3 °C
Solubility	Soluble in alcohol and perfume bases

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7. STABILITY AND COMPATIBILITY

Oud Base shows very good stability in perfume formulations and should be stored in its original, well-filled and hermetically sealed container, protected from air and light.

It shows very good compatibility with amber, resinous, spicy and musky accords, as well as with oriental, woody and animalic perfume bases.

Its intense character allows it to connect dark woods, resins, spices, leather and musks into a warm, persistent and cohesive base structure.

8. REGULATORY DATA AND STATUS

Intended use: Professional use in perfume and fragrance formulations.

Vegan status: Does not contain ingredients of animal origin.

IFRA status: Use in accordance with current IFRA Standards and the manufacturer's recommendations.

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: Up to 25 °C.

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.