

TECHNICAL DATA SHEET

TRUFFLE BLACK BASE

Synthetic earthy-gourmand perfume base - sophisticated black truffle accord

1. PRODUCT IDENTIFICATION

Product name	Truffle Black Base
Raw material type	Perfume base / earthy-gourmand animalic base
Olfactory family	Gourmand, animalic, earthy
Odour profile	Black truffle, earthy fungal depth, mildly sulphurous, animalic-musky, damp wood and winter forest floor
Position in perfume	Middle and base notes
Application	Perfumes, fragrance formulations, niche and haute perfumery, gastronomic accords and woody-animalic compositions
Raw material origin	Synthetic
Ingredient category	Base
Inspiration	Périgord black truffle (<i>Tuber melanosporum</i>) and damp winter forest floor

2. OLFATORY CLASSIFICATION AND ODOUR PROFILE

Truffle Black Base is a synthetic perfume base developed as a sophisticated black truffle accord. It recreates the complex aroma of Périgord black truffle (*Tuber melanosporum*), combining deep earthy-fungal facets, a mild sulphurous tone, discreet animalic-musky warmth and a damp-woody base reminiscent of a winter forest floor.

Its profile is earthy and gourmand with an animalic dimension. Rather than a conventionally sweet gourmand note, it offers a dark gastronomic accord with a complex niche-perfumery character.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

The base functions as a middle and base note. It introduces a recognisable truffle-like, earthy-fungal character in the heart and leaves animalic, musky, damp-woody and mildly sulphurous depth in the base.

4. APPLICATION AND COMPATIBILITY

It is particularly suitable for black truffle accords, gastronomic compositions, niche and haute perfumery, woody-animalic fragrances, earthy-gourmand structures, culinary-inspired signature perfumes and dark woody compositions.

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4. APPLICATION AND COMPATIBILITY - CONTINUED

In niche perfumery, Truffle Black Base provides unexpected depth, complexity and a distinctive gastronomic identity. In woody-animalic compositions, it connects woody, leathery, musky and earthy materials.

It combines especially well with patchouli, vetiver, cedarwood, sandalwood, guaiac wood, oakmoss, leather accords, oud notes, labdanum, benzoin, dark amber bases, animalic bases, musks, dark spices, smoky notes and resinous materials.

5. RECOMMENDED USE

A general recommended concentration is not stated in the supplied technical data. Careful, gradual dosing is advised because of the pronounced earthy-fungal, animalic and mildly sulphurous character.

Black truffle accords	0.5-5%
Gastronomic compositions	0.5-4%
Woody-animalic fragrances	0.3-3%
Earthy-gourmand structures	0.3-3%
Strong-character niche perfumes	0.3-3%
Dark woody compositions	0.2-2%

At lower concentrations it adds dark earthy nuance and gastronomic complexity; at higher concentrations it may form a dominant truffle accord. The stated ranges are typical working concentrations and must be adjusted to the formulation and final product category. Permitted concentrations must be verified against the current IFRA certificate.

6. PHYSICAL AND TECHNICAL DATA

Appearance	Liquid
Colour	Colourless
Odour	Gourmand, animalic
Olfactory character	Earthy, fungal, gourmand, animalic, mildly sulphurous, damp-woody and complex
Density at 20 °C	Not stated in the supplied technical data
Refractive index at 20 °C	Not stated in the supplied technical data
Flash point	Not stated in the supplied technical data
Solubility	Not stated in the supplied technical data

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7. STABILITY AND COMPATIBILITY

Store in accordance with the manufacturer's supporting documentation, in a tightly closed container protected from heat, light and air. The base is highly compatible with earthy, fungal, gourmand, animalic, woody, musky, leathery, resinous, oud, patchouli, vetiver and niche amber compositions.

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

8. REGULATORY DATA AND STATUS

Intended use: For professional use in perfume and fragrance formulations.

Vegan status: Vegan; contains no ingredients of animal origin.

GMO status: Not stated in the supplied technical data.

IFRA status: The current IFRA certificate must be reviewed and the limits for the relevant product category applied.

9. STORAGE AND SHELF LIFE

Store according to the conditions specified in the manufacturer's supporting documentation, in the original, tightly closed container, protected from air, light and heat sources.

Recommended storage temperature: Not stated in the supplied technical data.

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 hazard 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 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.