

TECHNICAL DATA SHEET

COFFEE GROUND BASE

Synthetic gourmand-roasted base - freshly ground coffee with dark, earthy depth

1. PRODUCT IDENTIFICATION

Product name	Coffee Ground Base
Raw material type	Perfume base / gourmand-roasted base
Olfactory family	Gourmand / Roasted / Coffee
Odour profile	Freshly ground roasted coffee, dark coffee beans, a subtly smoky tone, earthy aromatic depth and an intense gourmand character
Position in perfume	Middle and base notes
Application	Perfumes, fragrance formulations, coffee-gourmand accords, oriental compositions, roasted gourmand fragrances and dark dessert and winter fragrances
Raw material origin	Synthetic
Ingredient category	Base
Inspiration	Freshly ground roasted coffee with a dark, earthy and subtly smoky coffee-gourmand character

2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

Coffee Ground Base is a synthetic perfume base from the gourmand-roasted olfactory family, developed to recreate the intense aroma of freshly ground roasted coffee.

Its odour profile is built around roasted ground coffee beans, a subtly smoky crushed-bean tone and rich aromatic depth. The composition has a pronounced dark, earthy and gourmand character, with a powerful roasted-coffee signature that is clearly perceptible within a fragrance structure.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

Coffee Ground Base functions as a middle and base note. In the heart, it introduces the recognisable aroma of freshly ground coffee and roasted aromatic intensity, while in the base it leaves a darker, earthy, subtly smoky and gourmand trail. It is particularly suitable when an authentic, powerful and realistic coffee accord is required.

4. APPLICATION AND COMPATIBILITY

It is particularly suitable for coffee accords, coffee-gourmand compositions, roasted gourmand fragrances, oriental compositions, dark dessert accords, chocolate-coffee perfumes, tobacco-coffee structures and winter and evening fragrances.

It combines particularly well with vanilla, tonka bean, cocoa, dark chocolate, caramel, rum accords, hazelnut, almond, benzoin, labdanum, amber bases, tobacco, cinnamon, cardamom, patchouli, vetiver, sandalwood and white musks.

TECHNICAL DATA SHEET

5. RECOMMENDED USE

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

Coffee accords	3-15%
Coffee-gourmand compositions	2-12%
Roasted gourmand fragrances	2-10%
Oriental compositions	1-8%
Chocolate-coffee accords	2-10%
Tobacco-coffee structures	1-6%
Cosmetic fragrance formulations	According to IFRA limits for the specific product category

At lower levels, the base provides a dark aromatic nuance. At higher levels, it can form a dominant accord of freshly ground roasted coffee.

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

6. PHYSICAL AND TECHNICAL DATA

Appearance	Liquid
Colour	Yellow
Odour	Gourmand
Olfactory character	Intense, coffee-like, roasted, earthy, aromatic and gourmand, with notes of freshly ground coffee, subtly smoky beans and rich aromatic depth
Density at 20 °C	1.054-1.094
Flash point	24.2 °C
Solubility	Not specified in the supplied TDS document

TECHNICAL DATA SHEET

7. STABILITY AND COMPATIBILITY

Coffee Ground Base is stable when stored at room temperature in its original, well-filled and hermetically sealed container, protected from air and light.

It shows very good compatibility with gourmand, coffee-roasted, chocolate, caramel, vanilla, amber, tobacco, woody, spicy, balsamic and oriental accords.

In gourmand compositions, it adds depth, realism and a roasted character. In oriental perfumes, it connects coffee with amber, balsamic, spicy and vanilla materials. With chocolate, caramel or tonka bean, it develops a darker dessert profile, while woody and tobacco notes produce a drier and more sophisticated character.

8. REGULATORY DATA AND STATUS

Intended use: Professional use in perfume and fragrance formulations.

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

GMO status: GMO-free; does not contain GMOs.

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

Safety classification: The technical data indicate that the raw material contains hazardous chemical components; handling must comply with the current Safety Data Sheet (SDS).

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. The flash point is 24.2 °C; keep away from heat, sparks, open flames and other ignition sources. 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.