

TECHNICAL DATA SHEET

TEA BLACK BASE

Synthetic aromatic-woody base - complex oxidised black tea accord

1. PRODUCT IDENTIFICATION

Product name	Tea Black Base
Raw material type	Synthetic fragrance base / black tea reconstruction
Olfactory family	Aromatic, woody, mildly smoky and earthy
Position in perfume	Middle to base note
Raw material origin	Synthetic
Ingredient category	Fragrance base
Inspiration	Oxidised black tea, with associations of Assam, Yunnan and Darjeeling teas
Application	Perfumes, tea fragrances, aromatic waters and botanical accords

2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

Tea Black Base is a synthetic fragrance base developed to reconstruct the complex olfactory character of oxidised black tea. Its profile opens with a mild herbal and tea-like nuance, then develops into a more pronounced woody-tannic character with discreet malty and smoky tones. A warm earthy depth and soft leathery nuances emerge in the drydown.

The base has a multilayered structure reminiscent of different types of black tea. A floral nuance of rose or geranium recalls certain aromatic facets associated with Assam tea, while warmer earthy and woody tones evoke Yunnan and Darjeeling styles. The tannic aspect provides a drier, more structured texture, and the mild malty nuance adds warmth and roundness.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

Tea Black Base functions as a middle to base note. It may serve as the central tea accord or as a complex modifying base for aromatic and woody structures. It is particularly suitable for unisex compositions, contemporary botanical fragrances and scents inspired by tea rituals.

4. APPLICATION AND COMPATIBILITY

It is suitable for unisex aromatic waters, spicy-gourmand compositions, contemporary botanical accords, tea fragrances and compositions inspired by black tea.

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4. APPLICATION AND COMPATIBILITY - CONTINUED

It combines well with bergamot, lemon and other citrus materials, especially when an Earl Grey or other flavoured-tea profile is required. Rose and geranium emphasise its floral facet, while cedarwood, vetiver, sandalwood and patchouli reinforce the woody and earthy structure.

In spicy and gourmand compositions, it may be combined with cardamom, cinnamon, ginger, tonka bean, vanilla and mildly sweet materials. In smoky and leathery structures, it blends well with soft tobacco, leather and resinous notes, further emphasising the darker character of black tea.

5. RECOMMENDED USE

The appropriate level depends on the desired intensity, composition character and final product category. A precise concentration range is not specified in the supplied technical data.

Recommended application	As a central tea base or modifier in aromatic, woody, spicy, gourmand and botanical compositions
Typical concentration	Not specified in the supplied technical data
IFRA requirements	Verify the current IFRA certificate for the relevant final product category

Compatibility, stability, colour and odour profile must be tested in the intended final formulation. Permitted concentrations and any restrictions must be verified against the current IFRA certificate for the relevant product category.

6. PHYSICAL AND TECHNICAL DATA

Appearance	Liquid
Colour	Yellow
Odour	Aromatic, woody
Olfactory character	A complex tea-aromatic profile with herbal, woody-tannic, smoky, earthy, floral and soft leathery nuances
Density	Not specified in the supplied TDS
Refractive index	Not specified in the supplied TDS
Flash point	Not specified in the supplied TDS
Solubility	Not specified in the supplied TDS

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7. STABILITY AND COMPATIBILITY

Specific stability data are not provided in the supplied TDS. Tea Black Base is compatible with aromatic, woody, spicy, floral, smoky, leathery and gourmand materials, as well as citrus notes that can brighten the tea character of the composition.

8. REGULATORY DATA AND STATUS

Intended use: Professional raw material for perfumes and fragrance compositions.

IFRA status: Use must comply with the current IFRA requirements for the relevant final product category.

Vegan status: Does not contain ingredients of animal origin.

GMO status: Not specified in the supplied technical data.

9. STORAGE AND SHELF LIFE

Storage: Not specified in the supplied TDS. Keep the container tightly closed and follow the manufacturer's accompanying technical documentation.

Storage temperature: Not specified in the supplied TDS.

Shelf life: Not specified in the supplied TDS.

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 and application. This document does not constitute a guarantee of the properties of the final product.