

TECHNICAL DATA SHEET

WHITE TEA

Synthetic fragrance base recreating the delicate and transparent odour profile of white tea

1. PRODUCT IDENTIFICATION

Product name	White Tea
Raw material type	Fragrance base / white tea fragrance accord
Olfactory family	Floral-Herbal / Fresh-Clean / Powdery-Creamy
Odour profile	Delicate, floral-herbal and transparent white tea profile, with a mild milky and powdery nuance, ethereal freshness and a discreet clean musky character in the background
Position in fragrance	Top and middle note
Application	Perfumes, fragrance formulations, cosmetic products, candles, wellness lines and minimalist compositions with a tea character
Raw material origin	Synthetic
Geographical origin	France
Raw material category	Cosmetics Collection / fragrance base
Inspiration	Young, lightly oxidised white tea buds (<i>Camellia sinensis</i>), particularly delicate styles such as Baihao Yinzhen and Pai Mu Tan

2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

White Tea is a synthetic fragrance base developed to recreate the delicate and transparent odour profile of white tea. Unlike black or green tea, it has no pronounced tannic, smoky or bitter structure; the dominant impression is soft, bright and airy, with fine floral-herbal freshness.

The fragrance opens with a very delicate, almost ethereal tea freshness, followed by a mild floral nuance with a discreet green character. A subtle milky and powdery tone appears in the heart, giving the composition softness and roundness, while a clean, transparent and mildly musky trail remains in the background.

3. FUNCTION IN THE FRAGRANCE COMPOSITION

The base is particularly suitable for modern minimalist fragrances in which a sense of cleanliness, calmness and lightness is important. It may be used as the central white tea accord or as a supporting base to soften sharper citrus, green or aromatic compositions.

Functional role in perfumery: White Tea acts as a transparent tea-floral building block and a soft modifier. It connects fresh top notes with floral, powdery and clean musky elements, while adding lightness, softness and a calm, refined character.

4. APPLICATION AND OLFACTORY COMPATIBILITY

It is suitable for:

- light unisex perfumes and white tea compositions;
- clean fragrances and wellness scents;
- floral-tea and minimalist compositions;
- modern botanical formulations;

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- cosmetic products and body care formulations;
- candles and ambient fragrance products.

In floral formulations, it combines well with jasmine, freesia, lily of the valley, magnolia and other light floral notes. With bergamot, mandarin and other citrus materials, it creates elegant and airy top notes. Combined with clean musks, pale woods and soft powdery materials, it develops a sophisticated skin-scent character.

In cosmetic products and wellness formulations, it is particularly suitable when an unobtrusive, clean and calming fragrance signature is required.

5. RECOMMENDED USE

Recommended use in fragrances	Light unisex perfumes, white tea compositions, clean fragrances, wellness scents, floral-tea accords, minimalist compositions and modern botanical formulations
Typical concentrations	Not stated in the supplied TDS document
IFRA status	The maximum permitted concentration depends on the finished-product category and must be verified against the current IFRA certificate

Gradual dosing is recommended according to the medium, product type and desired intensity. Compatibility, stability, colour and odour profile must be tested in the finished formulation.

6. PHYSICOCHEMICAL AND TECHNICAL DATA

Appearance	Liquid
Colour	Pale yellow
Odour	Floral
Olfactory character	Delicate floral-herbal white tea accord with transparent freshness, a mild milky and powdery nuance and a discreet clean musky effect
Density at 20 °C	1.011-1.051
Refractive index at 20 °C	1.465-1.475
Flash point	90.5 °C, closed cup
Composition	Mixture of fragrance substances
Solvent	TEC
Antioxidants	Not directly added
Solubility	Not stated in the supplied TDS document



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7. STABILITY AND COMPATIBILITY

Stable under the prescribed storage conditions when protected from light, heat and air. It shows very good olfactory compatibility with tea, floral, green, citrus, clean musky, powdery and soft woody accords.

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

8. REGULATORY DATA AND STATUS

Intended use: Perfumes and cosmetic products. The product is not intended for ingestion.

Vegan status: Vegan; contains no animal-derived ingredients.

GMO status: Does not contain and is not derived from GMO raw materials.

IFRA status: Consult the current IFRA certificate and apply the restrictions for the relevant product category.

9. STORAGE AND SHELF LIFE

Store under nitrogen at a temperature between 5 and 21 °C, protected from direct sunlight, in a dry and well-ventilated place. Keep the container tightly closed and protect the material from heat, moisture and contact with air.

Storage temperature: 5-21 °C.

Shelf life: 24 months under the prescribed storage conditions.

10. SAFETY INFORMATION

For professional use only. Use in accordance with the manufacturer's documentation and the restrictions applicable to the relevant finished-product category. Before use, consult the current IFRA certificate and safety data sheet (SDS).

11. DISCLAIMER

The information in this technical data sheet applies solely to the described raw material and is based on the supplied technical data. 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 finished-product properties.