

TECHNICAL DATA SHEET

LITCHEE BASE

Synthetic fruity-floral perfume base - fresh and juicy lychee accord

1. PRODUCT IDENTIFICATION

Product name	Litchee Base
Raw material type	Perfume base / fruity-floral base
Olfactory family	Fruity / Floral
Position in perfume	Top and middle notes
Raw material origin	Synthetic
Ingredient category	Base
Inspiration	Fresh lychee fruit with an aquatic-fruity character and a subtle rose nuance
Application	Perfumes, fragrance formulations and modern fruity-floral compositions

2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

Litchee Base is a synthetic perfume base from the fruity-floral olfactory family, developed to reconstruct the fresh, juicy and exotic scent of lychee.

Its profile is built around fresh lychee fruit, with a subtle floral nuance and a delicate rose aspect. A characteristic aquatic-fruity tone develops in the background, giving the base freshness, transparency and a modern fragrance character.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

The base functions as a top and middle note. It contributes a fresh, juicy and exotic fruity effect without excessive syrupy heaviness. Its subtle floral dimension can also connect fruity notes with rose, white flowers and clean musks.

4. APPLICATION AND COMPATIBILITY

Litchee Base is suitable for lychee accords, exotic and Asian-inspired fruity compositions, fruity-floral perfumes, modern floral compositions, aquatic-fruity accords, tropical and fresh unisex fragrances, and compositions with rose, peony or white flowers.

In fruity compositions, it provides juiciness, freshness and a recognisable exotic lychee character. In floral fragrances, it softens rose, peony and jasmine with a more contemporary, airy and watery-fruity tone. In aquatic and musky compositions, it contributes a clean, light and fresh effect.

TECHNICAL DATA SHEET

5. RECOMMENDED USE

The general recommended concentration in perfume compositions is 0.5-8%, depending on the desired intensity, composition character and final-product category.

Lychee accords	1-8%
Exotic fruity compositions	0.5-6%
Fruity-floral perfumes	0.5-5%
Aquatic-fruity accords	0.3-4%
Floral compositions with rose and peony	0.3-3%
Tropical and modern unisex compositions	0.5-5%
Cosmetic fragrance formulations	According to IFRA restrictions for the relevant product category

Permitted concentrations must be verified against the current IFRA certificate for the relevant product category. Preliminary compatibility and stability testing is recommended in the intended final formulation.

It combines particularly well with rose, peony, jasmine, freesia, magnolia, citrus notes, bergamot, mandarin, pear, peach, raspberry, red fruits, aquatic notes, white musks, ambroxan-type materials and light woody accords.

Because of its pronounced juicy and exotic character, gradual dosing is recommended. At lower concentrations it provides a fresh fruity nuance, while at higher concentrations it can form a dominant lychee accord.

6. PHYSICAL AND TECHNICAL DATA

Appearance	Liquid
Colour	Colourless to very pale yellow
Odour	Fruity, lychee
Olfactory character	Exotic, juicy, fresh and fruity-floral, with lychee, subtle rose and an aquatic-fruity effect
Density at 20 °C	1.004-1.044
Refractive index n _{20/D}	1.460-1.470
Flash point	96.1 °C
Solvent	Triethyl citrate
Solubility	Not specified in the supplied technical data

TECHNICAL DATA SHEET

7. STABILITY AND COMPATIBILITY

Litchee Base is stable when stored correctly in the original, tightly closed container. Avoid prolonged exposure to light, heat and air.

It is highly compatible with fruity, floral, aquatic, tropical, rose, citrus, musky and modern exotic accords. Compatibility, stability, colour and odour profile should be confirmed in the intended perfume concentrate, final formulation and packaging.

8. REGULATORY DATA AND STATUS

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

IFRA status: Refer to the current IFRA certificate and apply restrictions for the relevant final-product category.

Vegan status: Does not contain ingredients of animal origin.

GMO status: Not specified in the supplied technical data.

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

Antioxidants: Not directly added.

Ingestible products: Not suitable.

9. STORAGE AND SHELF LIFE

Store at room temperature in the original, tightly closed container, protected from prolonged exposure to light, heat and air. Close the container immediately after use.

Shelf life: 24 months under the recommended 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 and application. This document does not constitute a guarantee of the properties of the final product.