

TECHNICAL DATA SHEET

LILY BASE

Synthetic white-floral perfume base - opulent white-lily accord

1. PRODUCT IDENTIFICATION

Product name	Lily Base
Raw material type	Perfume base / white-floral base
Olfactory family	Floral
Position in perfume	Middle and base notes
Raw material origin	Synthetic
Ingredient category	Base
Inspiration	White lily (<i>Lilium candidum</i>) and Oriental lilies
Application	Perfumes and fragrance formulations

2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

Lily Base is a perfume base developed to reproduce the opulent and elegant scent of white lily. It has a rich white-floral profile with pronounced floral fullness and sophisticated nuances reminiscent of a natural flower in full bloom.

Mild indolic tones contribute depth and authenticity, while green nuances introduce freshness. Subtle honeyed and spicy notes round the composition and create the impression of a luxurious, opulent flower.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

The base functions as a middle and base note, providing an expressive and recognisable white-lily character. It contributes elegance, depth and floral opulence and is particularly suitable for fragrances dominated by white-floral notes.

4. APPLICATION AND COMPATIBILITY

Lily Base is suitable for white-floral perfumes, luxury floral compositions, lily-gardenia accords, feminine fragrances, Oriental-floral perfumes and niche fragrance creations.

It combines particularly well with gardenia, jasmine, tuberose, orange blossom, ylang-ylang, musks, sandalwood and light amber notes.

TECHNICAL DATA SHEET

5. RECOMMENDED USE

The general recommended concentration in perfume compositions is 5-20%, depending on the desired intensity, composition character and final product category.

White-floral perfumes	5-20%
Floral compositions	3-15%
Lily-gardenia accords	5-15%
Oriental-floral perfumes	2-10%
Cosmetic fragrance formulations	0.5-5%

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

6. PHYSICAL AND TECHNICAL DATA

Appearance	Not specified in the supplied technical data
Colour	Not specified in the supplied technical data
Odour	Floral
Olfactory character	Intense white-lily accord with green, mildly indolic, honeyed and spicy nuances
Solubility	Soluble in alcohol and perfume bases
Stability	Very good stability in perfume formulations
Compatibility	Gardenia, jasmine, tuberose, musks and other white-floral accords

TECHNICAL DATA SHEET

7. STABILITY AND COMPATIBILITY

Lily Base has very good stability in perfume formulations and is highly compatible with gardenia, jasmine, tuberose, musks and other white-floral accords. Preliminary testing is recommended in every final formulation, particularly with regard to stability, colour, odour profile and packaging compatibility.

8. REGULATORY DATA AND STATUS

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

IFRA status: Use in the final formulation must comply with the current IFRA standards, the manufacturer's recommendations and any restrictions applicable to the relevant product category.

Vegan status: Does not contain ingredients of animal origin.

9. STORAGE AND SHELF LIFE

Store in the original, tightly closed container, protected from light, air and sources of heat. Keep at a temperature not exceeding 25 °C and close the container immediately after use.

Shelf life: A specific shelf-life period was not provided. Follow the manufacturer's current technical documentation and storage recommendations.

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.