

TECHNICAL DATA SHEET

HYACINTH BASE TYPE

Synthetic green-floral base - complex hyacinth accord

1. PRODUCT IDENTIFICATION

Product name	Hyacinth Base Type
Raw material type	Perfume base / green-floral base
Olfactory family	Floral, green
Position in perfume	Middle note
Raw material origin	Synthetic
Ingredient category	Base
Inspiration	Hyacinth (Hyacinthus orientalis)
Application	Perfumes and fragrance formulations

2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

Hyacinth Base Type is a synthetic perfume base developed to reconstruct the olfactory profile of hyacinth (Hyacinthus orientalis), one of the more complex floral profiles used in perfumery.

Its character is intensely green-floral, with pronounced white-floral freshness and a distinctive hyacinth note. Mildly phenolic, cinnamon-like, aldehydic and spicy facets give the base a more complex, vivid and natural character than simple floral accords.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

The base functions as a middle note, adding intensity, green freshness and an elegant spicy-aldehydic tension to the floral heart. It is particularly suitable for realistic hyacinth reconstructions, spring white-floral compositions and sophisticated floral accords with green depth.

4. APPLICATION AND COMPATIBILITY

It is suitable for hyacinth accords, green-floral compositions, sophisticated floral perfumes, hyacinth-lily accords, white-floral compositions, aldehydic-floral structures, spring floral perfumes and classic feminine floral compositions.

It combines well with lily, lily of the valley, jasmine, rose, freesia, white flowers, aldehydes, green notes, galbanum, violet leaf accords, spicy and cinnamon-like materials, white musks and light woody bases.

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5. RECOMMENDED USE

General recommended concentration in perfume compositions: 5-20%. The appropriate level depends on the desired intensity, composition character and final product category.

Hyacinth accords	5-20%
Green-floral compositions	3-15%
Hyacinth-lily accords	5-15%
White-floral compositions	2-10%
Aldehydic-floral structures	2-8%
Spring floral perfumes	3-12%
Cosmetic fragrance formulations	According to IFRA limits

The stated ranges represent typical working concentrations. Compatibility, stability, colour and odour profile must be tested in the intended final formulation, and permitted concentrations must be verified against the current IFRA certificate.

6. PHYSICAL AND TECHNICAL DATA

Appearance	Liquid
Colour	Yellow
Odour	Floral
Olfactory character	Intense green-floral and white-floral character with mildly phenolic, cinnamon-like, aldehydic and spicy facets and a distinctive hyacinth note
Density at 20 °C	1.039-1.079
Refractive index n _{20/D}	1.539-1.549
Flash point	93.4 °C
Solvent	Not specified in the supplied TDS
Solubility	Not specified in the supplied TDS

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7. STABILITY AND COMPATIBILITY

Hyacinth Base Type is stable when stored correctly in its original, tightly closed container and protected from prolonged exposure to light, heat and air. It shows very good compatibility with floral, green, white-floral, lily, aldehydic, spicy, rose, jasmine, hyacinth and classic floral accords.

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 the limits for the relevant final product category.

Vegan status: Does not contain ingredients of animal origin.

GMO status: Not specified in the supplied TDS.

Antioxidants: None 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.

Recommended storage temperature: Room temperature.

Shelf life: 12 months when stored under the recommended 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.