

TECHNICAL DATA SHEET

GRASS CUT BASE

Synthetic green vegetal perfume base - freshly cut grass, green plant sap, fresh hay and a subtle metallic nuance

1. PRODUCT IDENTIFICATION

Product name	Grass Cut Base
Raw material type	Perfume base / green vegetal base
Olfactory family	Green / Fruity
Position in perfume	Top and middle notes
Raw material origin	Synthetic
Ingredient category	Base
Inspiration	Authentic scent of freshly cut grass, evocative of a garden, nature and vivid vegetal freshness
Application	Perfumes and fragrance formulations

2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

Grass Cut Base is a synthetic perfume base developed to recreate the scent of freshly cut grass, one of the most recognisable green notes in contemporary perfumery.

Its odour profile is green, fresh, vivid and distinctly vegetal. A characteristic freshly cut grass accord is prominent, accompanied by notes of green plant sap, fresh hay and a subtle natural metallic nuance. A discreet fruity tone adds freshness and roundness without detracting from the base's essential green character.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

Grass Cut Base functions as a top and middle note. It provides natural freshness, a clean green opening and a vivid vegetal effect. It is particularly suitable for compositions intended to evoke nature, gardens, freshly cut grass, summer freshness and an energetic outdoor character.

4. APPLICATION AND COMPATIBILITY

The base is suitable for green fragrances, green fougère compositions, aquatic-green accords, fresh masculine fragrances, sport fragrance formulations, citrus-green compositions, marine-green fragrances and naturally fresh unisex compositions.

It combines particularly well with bergamot, lemon, grapefruit, lime, clean musks, marine notes, aquatic accords, lavender, rosemary, basil, galbanum, violet leaf accords, cucumber, green apple, vetiver, moss and clean woody notes.

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5. RECOMMENDED USE

A general recommended concentration in perfumes is not specified in the supplied TDS. The following typical working ranges should be adjusted to the desired effect, composition and final-product category.

Green fragrances	1-10%
Green fougère compositions	0.5-8%
Aquatic-green accords	0.5-8%
Fresh masculine compositions	0.5-6%
Citrus-green compositions	0.5-5%
Sport fragrance formulations	0.5-6%
Cosmetic fragrance formulations	According to IFRA limits for the relevant product category

Gradual dosing is recommended. At lower concentrations, the base provides natural vegetal freshness, while at higher concentrations it can form a dominant freshly cut grass accord.

Preliminary testing of compatibility, stability, colour and odour profile 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	Liquid
Colour	Yellow
Odour	Green
Olfactory character	Green, fresh, vegetal and slightly fruity, with notes of freshly cut grass, green plant sap, fresh hay and a discreet natural metallic nuance
Density at 20 °C	1.051-1.091
Refractive index at 20 °C	1.449-1.459
Flash point	78.3 °C
Solvents	Triethyl citrate / Isopropyl myristate
Solubility	Not directly specified in the TDS; suitable for perfume concentrates and lipophilic fragrance systems, but not intended for direct dissolution in water

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7. STABILITY AND COMPATIBILITY

Grass Cut Base is stable when stored correctly in its original, tightly closed container, avoiding prolonged exposure to light, heat and air.

It is highly compatible with green, citrus, marine, aquatic, fougère, aromatic, musky, fruity and fresh sport accords. Compatibility and stability should be confirmed in the intended perfume concentrate, carrier system, final formulation and packaging.

8. REGULATORY DATA AND STATUS

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

Vegan status: Vegan; does not contain ingredients of animal origin.

GMO status: Not specified in the supplied TDS.

IFRA status: Refer to the current IFRA certificate and apply the limits for the relevant product category.

Antioxidants: None directly added.

Ingestible products: Not suitable.

9. STORAGE AND SHELF LIFE

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

Recommended storage temperature: Room temperature.

Shelf life: 24 months under proper 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.