

TECHNICAL DATA SHEET

LEATHER VITESSENCE / CUIR VITESSENCE

Synthetic leather accord base - dry leather, suede, smoke and animalic depth

1. PRODUCT IDENTIFICATION

Product name	Leather Vitesse / Cuir Vitesse
INCI name	Not applicable
CAS number	Not applicable - perfume base / mixture
Synonyms	Leather Base; Cuir Base
Raw material type	Perfume base / leather accord
Olfactory family	Leather / Smoky / Woody
Odour profile	Leathery, smoky, suede-like, animalic, dry and intense
Position in perfume	Middle and base notes
Application	Perfumes, cosmetics and fragrance formulations
Origin	Synthetic
Chemical category	Leather accord base

2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

Cuir Vitesse is a complex perfume base from the leather-smoky olfactory family. It is not an individual aroma chemical, but a finished leather accord intended to create leather, suede and smoky effects.

Its intense, dry and sophisticated profile combines worked leather, soft suede, a mild animalic nuance and a smoky facet reminiscent of birch-tar leather accords.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

As a middle and base note, it contributes depth, structure and persistence. Low concentrations reinforce the leather background, while higher levels can establish a distinct dry leather signature.

4. APPLICATION AND COMPATIBILITY

It is suitable for luxury leather compositions, modern niche perfumes, smoky woody bases, amber fragrances and masculine or unisex formulations.

It combines well with vetiver, cypriol oil, cedarwood, patchouli, labdanum, amber materials, musks, oud accords and spices.

The base shows good compatibility with leather, smoky, amber, woody and spicy accords.

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5. RECOMMENDED USE

Recommended use in perfumes: 0.05-2%. The final level depends on the intended effect and the applicable IFRA restrictions.

Leather accords	0.1-2%
Suede compositions	0.05-1%
Smoky woody bases	0.05-1.5%
Masculine and niche perfumes	0.05-2%

Predilution in ethanol, DPG or TEC is recommended for easier dosing and more precise formula balancing. Because of the material's intensity, gradual addition and evaluation after maturation are advisable.

Permitted concentrations must be checked against the accompanying IFRA documentation for the relevant product category. Preliminary testing of compatibility, stability, colour and odour profile in the final formulation is recommended.

6. PHYSICAL AND TECHNICAL DATA

Appearance	Liquid
Colour	Colourless to light yellow / light yellow to yellow
Odour	Leathery, suede-like, smoky, intense and mildly animalic
Density at 20 °C	0.950-1.050
Refractive index at 20 °C	1.480-1.520
Flash point	>100 °C
Solubility	Soluble in alcohol and perfume bases

The stated colour ranges have been retained from the supplied data and may reflect acceptable batch variation or different specification references.

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7. STABILITY AND COMPATIBILITY

The material shows good stability in perfume formulations and good compatibility with leather, smoky, amber, woody and spicy perfume bases. Compatibility and stability must be confirmed in the intended final formulation and packaging.

8. REGULATORY DATA AND STATUS

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

Vegan status: Does not contain ingredients of animal origin.

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

IFRA status: As this product is a perfume base / mixture, its use must comply with the accompanying IFRA documentation and the Safety Data Sheet for the relevant batch.

9. STORAGE AND SHELF LIFE

Store in the original, tightly closed container, protected from light, air and sources of heat.

Recommended storage temperature: Up to 25 °C.

Shelf life: 24 months under proper storage conditions.

10. SAFETY INFORMATION

For professional use only. Avoid direct contact with skin and eyes and use appropriate personal protective equipment. Refer to the current Safety Data Sheet (SDS) for hazard classification, protective measures, safe handling and disposal information.

11. DISCLAIMER

The information in this Technical Data Sheet applies to the raw material described 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 the properties of the final product.