

TECHNICAL DATA SHEET

PRUNOL BASE TYPE

Synthetic fruity-lactonic perfume base - plum, stone fruit, creamy milkiness and velvety sweetness

1. PRODUCT IDENTIFICATION

Product name	Prunol Base Type
Raw material type	Perfume base / fruity-lactonic base
Olfactory family	Fruity / Lactonic / Creamy
Position in perfume	Middle and base notes
Raw material origin	Synthetic
Ingredient category	Base
Inspiration	Plum and stone-fruit nuances with a creamy, milky and velvety-sweet texture
Application	Perfumes and fragrance formulations

2. OLFATORY CLASSIFICATION AND ODOUR PROFILE

Prunol Base Type is a synthetic perfume base developed as a reconstructed fruity-lactonic accord of plum and stone fruit. It is intended for compositions requiring a soft, creamy, milky-fruity and naturally evocative plum-lactonic effect.

Its odour profile is fruity, lactonic and subtly creamy, with a pronounced plum note and characteristic stone-fruit fullness. A creamy, velvety sweetness develops in the background, giving the composition a rounded, sensual and contemporary fruity character.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

Prunol Base Type functions as a middle and base note. It provides a natural plum and stone-fruit character in the heart, while leaving a creamy, lactonic and subtly milky trail in the base. It is especially suitable for fruity-milky, fruity-oriental and modern stone-fruit compositions.

4. APPLICATION AND COMPATIBILITY

The base is suitable for plum accords, stone-fruit compositions, fruity-lactonic perfumes, fruity-milky fragrances, fruity-oriental compositions, creamy-fruity bases, sensual feminine fragrances and floral-fruity compositions.

It combines especially well with creamy lactones, gamma-undecalactone-type materials, peach, apricot, plum, prune, coconut, milky accords, white flowers, jasmine, tuberose, rose, vanilla, tonka, amber bases, sandalwood, white musks and soft woody notes.

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5. RECOMMENDED USE

No general recommended concentration is specified in the supplied technical data. The following typical working ranges should be adjusted to the desired effect, composition and final-product category.

Plum accords	2-12%
Stone-fruit compositions	2-10%
Fruity-lactonic compositions	2-12%
Fruity-milky fragrances	2-10%
Fruity-oriental perfumes	1-8%
Creamy-fruity bases	1-8%
Floral-fruity compositions	1-6%
Cosmetic fragrance formulations	According to IFRA limits

Permitted concentrations must be verified against the current IFRA certificate for the relevant product category.

Preliminary testing of compatibility, stability, colour and odour profile is recommended in the intended final formulation.

6. PHYSICAL AND TECHNICAL DATA

Appearance	Liquid
Colour	Orange-yellow
Odour	Fruity, lactonic
Olfactory character	Fruity, lactonic, subtly creamy, milky and velvety-sweet, with plum, stone-fruit and creamy-lactonic fullness
Density at 20 °C	0.983-1.023
Flash point	96.6 °C
Solubility	Not specified in the supplied TDS

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7. STABILITY AND COMPATIBILITY

Prunol Base Type is stable when stored correctly in its original, well-filled and hermetically sealed container, protected from air and light.

It is highly compatible with fruity, lactonic, milky, creamy, floral, white-floral, musk, oriental, amber and stone-fruit accords. Compatibility and stability should be confirmed in the intended 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 technical data.

IFRA status: The IFRA certificate must be reviewed and the relevant product-category limits applied.

9. STORAGE AND SHELF LIFE

Store at room temperature in the original, well-filled and hermetically sealed container, protected from air and light. Close 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.