

TECHNICAL DATA SHEET

ROSE OIL BASE

Synthetic floral-rose perfume base - fresh, elegant and naturally expressive Rose Otto character

1. PRODUCT IDENTIFICATION

Product name	Rose Oil Base
Raw material type	Perfume base / floral-rose base
Olfactory family	Floral / Rose
Position in perfume	Middle note
Raw material origin	Synthetic
Ingredient category	Base
Inspiration	Rose Otto essential oil (Rosa damascena) accord
Application	Perfumes and fragrance formulations

2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

Rose Oil Base is a reconstructed perfume base developed to reproduce the fresh and elegant olfactory nuances of Rose Otto essential oil. It provides the characteristic profile of natural rose essence in a standardised and readily applicable form.

The base has a rich floral-rose character with a gentle freshness reminiscent of freshly picked rose petals. Its balanced and naturally elegant profile reflects the qualities of refined rose accords used in both classical and contemporary perfumery.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

Rose Oil Base functions primarily as a middle note and forms a clear floral heart. It contributes natural floral fullness, elegance and the recognisable character of rose oil, and may serve as a central rose accord or as a refined floral modifier.

4. APPLICATION AND COMPATIBILITY

The base is suitable for floral-rose perfumes, rose-oil reconstructions, classical floral compositions, feminine fragrances, niche floral creations and commercial perfumes with a pronounced rose character.

It combines particularly well with geranium, damascones, soft musks, violet, peony, jasmine, ylang-ylang, sandalwood and amber notes. It is highly compatible with floral, musky and oriental perfume bases.

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5. RECOMMENDED USE

The recommended concentration in perfume compositions is 0.5-10%. The following typical working ranges should be adjusted to the desired effect, composition and final-product category.

Rose perfumes	1-10%
Floral compositions	0.5-8%
Chypre perfumes	0.5-5%
Oriental-floral perfumes	0.5-5%
Cosmetic fragrance formulations	0.2-3%

Gradual dosing is recommended. At lower concentrations, the base adds a fresh and refined rose nuance; at higher concentrations, it may form a clearly defined Rose Otto-inspired accord.

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

6. PHYSICAL AND TECHNICAL DATA

Appearance	Liquid
Colour	Not specified in the supplied technical data
Odour	Floral
Olfactory character	Fresh and elegant rose accord inspired by Rose Otto essential oil
Solubility	Soluble in alcohol and perfume bases
Stability	Very good stability in perfume formulations
Compatibility	Floral, musky and green accords

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7. STABILITY AND COMPATIBILITY

Rose Oil Base has very good stability in perfume formulations when stored under the recommended conditions in the original, tightly closed container, protected from light, air and sources of heat.

It is highly compatible with floral, musky and green accords and also performs well in oriental floral structures. 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.

IFRA status: Use in accordance with current IFRA Standards and the manufacturer's recommendations. Apply all restrictions relevant to the final-product category.

Vegan status: Does not contain ingredients of animal origin.

GMO status: Not specified in the supplied technical data.

9. STORAGE AND SHELF LIFE

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

Recommended storage temperature: Up to 25 °C.

Shelf life: 24 months under the recommended 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.