

TECHNICAL DATA SHEET

DATES MEDJOUL BASE

Synthetic fruity-gourmand balsamic perfume base - Medjoul date, caramel, honey, fig and mild spices

1. PRODUCT IDENTIFICATION

Product name	Dates Medjoul Base
Raw material type	Perfume base / fruity-gourmand balsamic base
Olfactory family	Gourmand / Fruity / Balsamic
Position in perfume	Middle and base notes
Raw material origin	Synthetic
Ingredient category	Base
Inspiration	The sweet, balsamic fullness of fresh or dried Medjoul dates, with caramel, honey, fig and mild spices
Application	Perfumes and fragrance formulations

2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

Dates Medjoul Base is a synthetic perfume base developed as a reconstructed Medjoul date accord. It is intended for compositions requiring a sweet, dense, balsamic and fruity-gourmand character with the distinctive warmth of oriental fragrance structures.

Its fragrance profile is built around the sweet fullness of fresh or dried Medjoul dates, complemented by warm caramel, natural honey, sweet fig and mild spices. The composition is rich, rounded and opulent, evoking Middle Eastern markets, dried fruit, resins and warm spicy-gourmand fragrances.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

Dates Medjoul Base functions as a middle and base note. It brings fruity sweetness, honeyed fullness and fig-like softness to the heart, while leaving a balsamic, caramelised and gently spicy trail in the dry-down. It is particularly suitable for oriental-gourmand compositions, Arabian niche perfumes and contemporary sweet-spicy fragrances.

4. APPLICATION AND COMPATIBILITY

The base is suitable for Medjoul date accords, oriental-gourmand compositions, Arabian niche perfumes, sweet-spicy accords, amber-resinous fragrances, oud compositions, honey-caramel structures and opulent winter or evening perfumes.

It combines particularly well with amber bases, oud accords, benzoin, labdanum, opoponax, vanilla, tonka bean, caramel, honey accords, fig, dried fruit, cinnamon, cardamom, saffron, sandalwood, patchouli and soft musks.

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5. RECOMMENDED USE

The overall recommended concentration in perfumes is not specified in the supplied technical data. The following typical working ranges are formulation guidance and must be adjusted to the intended effect, composition and final-product category.

Medjoul date accords	3-15%
Oriental-gourmand compositions	2-12%
Arabian niche perfumes	2-10%
Sweet-spicy accords	2-10%
Amber-resinous compositions	1-8%
Oud and resinous compositions	1-6%
Cosmetic fragrance formulations	According to IFRA limits for the relevant product category

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	Opaque brown
Odour	Gourmand, fruity, balsamic
Olfactory character	Sweet, dense, fruity-gourmand, balsamic and gently spicy, with notes of Medjoul date, caramel, honey, fig and oriental warmth
Density at 20 °C	0.985-1.025
Refractive index at 20 °C	1.461-1.471
Flash point	74.5 °C
Solubility	Not specified in the supplied TDS

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7. STABILITY AND COMPATIBILITY

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

It is highly compatible with gourmand, fruity, balsamic, amber, oud, resinous, honeyed, caramel, spicy, woody and oriental 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.

IFRA status: The current IFRA certificate must be consulted and the limits applicable to the relevant product category observed.

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

GMO status: Not specified in the supplied TDS.

9. STORAGE AND SHELF LIFE

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