

## TECHNICAL DATA SHEET

### NAT BERGAMOTT'O

Natural citrus-bergamot fragrance composition with fresh citrus brightness, gentle floral softness and a discreet woody finish

#### 1. PRODUCT IDENTIFICATION

|                       |                                                                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name          | Nat Bergamott'o                                                                                                                                        |
| Raw material type     | Natural fragrance composition / citrus-bergamot cosmetic base                                                                                          |
| Olfactory family      | Citrus / Bergamot / Floral-Woody                                                                                                                       |
| Odour profile         | Fresh bergamot, citrus freshness, gentle floral nuance, mild woody tone and a clean natural citrus character                                           |
| Position in fragrance | Top note                                                                                                                                               |
| Application           | Fragrance and cosmetic formulations, natural compositions, clean cosmetic products, citrus compositions, fresh colognes and light fragrance structures |
| Raw material origin   | Natural                                                                                                                                                |
| Ingredient category   | Cosmetics Collection / Nat Collection                                                                                                                  |

#### 2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

Nat Bergamott'o is a natural fragrance composition from the Nat Collection, developed around the theme of bergamot. It is formulated exclusively from ingredients of natural origin and intended for natural, clean cosmetic and contemporary fragrance formulations.

Its odour profile is fresh, citrus-bergamot, gently floral and mildly woody. Clear bergamot freshness dominates the opening, while softer floral nuances and a discreet woody tone develop in the background. This combination gives the composition a natural, rounded and more complex citrus character.

#### 3. FUNCTION IN FRAGRANCE COMPOSITIONS

Nat Bergamott'o functions as a top note. It contributes freshness, brightness and a clean citrus opening. It is particularly suitable for products intended to provide a natural bergamot effect without heavy sweetness or an excessively sharp citrus profile.

#### 4. APPLICATION AND COMPATIBILITY

It is suitable for citrus compositions, bergamot accords, natural fragrance formulations, clean cosmetic products, cologne compositions, fresh unisex fragrances, light floral-citrus perfumes and cosmetic products with a natural citrus character.

It combines well with lemon, mandarin, grapefruit, neroli, petitgrain, lavender, rosemary, green tea, jasmine, freesia, white musks, vetiver, cedarwood and light woody bases. Compatibility is very good with citrus, cologne, floral, green, aromatic, woody, tea, musky and natural clean accords.

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### 5. RECOMMENDED USE

|                                  |                                                               |
|----------------------------------|---------------------------------------------------------------|
| Recommended use in fragrances    | According to the formulation type and application medium      |
| Citrus compositions              | According to the IFRA limit for the relevant product category |
| Bergamot accords                 | According to the IFRA limit for the relevant product category |
| Cologne formulations             | According to the IFRA limit for the relevant product category |
| Natural fragrance compositions   | According to the IFRA limit for the relevant product category |
| Clean cosmetic products          | According to the IFRA limit for the relevant product category |
| Light floral-citrus formulations | According to the IFRA limit for the relevant product category |

The recommended concentration depends on the application medium, product type and intended fragrance strength. The permitted concentration must be checked against the current IFRA certificate for the relevant final product category.

Owing to its fresh citrus character and natural origin, the base is recommended for formulations requiring a clean, natural and contemporary bergamot accord. Preliminary testing of compatibility, stability, colour and odour profile in the final formulation is recommended.

### 6. PHYSICAL AND TECHNICAL DATA

|                           |                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------|
| Appearance                | Liquid                                                                                      |
| Colour                    | Yellow                                                                                      |
| Odour                     | Citrus                                                                                      |
| Olfactory character       | Fresh, citrus-bergamot, gently floral and mildly woody, with a clean natural citrus profile |
| Density at 20 °C          | 0.886-0.926                                                                                 |
| Refractive index at 20 °C | 1.458-1.468                                                                                 |
| Flash point               | 52.7 °C                                                                                     |
| Solubility                | Not specified in the supplied TDS document                                                  |

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### 7. STABILITY AND COMPATIBILITY

The material is stable when correctly stored under nitrogen and protected from daylight, heat, moisture and contact with air. It is highly compatible with citrus, cologne, floral, green, aromatic, woody, tea, musky and natural clean accords.

Compatibility, stability, colour and odour profile must be confirmed in the intended final formulation and packaging.

### 8. REGULATORY DATA AND STATUS

Intended use: Professional use in fragrance and cosmetic formulations.

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

GMO status: GMO-free; does not contain GMO.

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

### 9. STORAGE AND SHELF LIFE

Store under nitrogen at 5-21 °C, protected from daylight, in a dry and well-ventilated area. Keep the container tightly closed and protect the material from heat, moisture and contact with air.

Recommended storage temperature: 5-21 °C.

Shelf life: 24 months under the prescribed storage conditions.

### 10. SAFETY INFORMATION

For professional use only. The current IFRA certificate and Safety Data Sheet (SDS) must be consulted before use. The flash point is 52.7 °C; keep away from heat, sparks and ignition sources. Use appropriate personal protective equipment.

### 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.