

## TECHNICAL DATA SHEET

### CASSIS BASE 345 BB

Synthetic fruity-green base - fresh blackcurrant and blackcurrant bud accord

#### 1. PRODUCT IDENTIFICATION

|                     |                                                                 |
|---------------------|-----------------------------------------------------------------|
| Product name        | Cassis Base 345 BB                                              |
| Raw material type   | Perfume base / fruity-green base                                |
| Olfactory family    | Fruity, green                                                   |
| Position in perfume | Top note                                                        |
| Raw material origin | Synthetic                                                       |
| Ingredient category | Base                                                            |
| Inspiration         | Fresh blackcurrant and blackcurrant bud ( <i>Ribes nigrum</i> ) |
| Application         | Perfumes and fragrance formulations                             |

#### 2. OLFACTORY CLASSIFICATION AND ODOUR PROFILE

Cassis Base 345 BB is a synthetic perfume base from the fruity-green olfactory family, developed to reproduce the characteristic scent of fresh blackcurrant and its buds.

It features an authentic blackcurrant profile with pronounced green and fruity nuances. A mild sulfurous note faithfully conveys the natural character of blackcurrant bud and enhances the realism of the scent. The base has a lively, natural and contemporary character suitable for creating fresh fruity accords.

#### 3. FUNCTION IN FRAGRANCE COMPOSITIONS

The base functions primarily as a top note. It provides immediate fruity freshness, green energy and a recognisable blackcurrant character. At lower concentrations it adds a subtle green-fruity nuance, while at higher concentrations it can form a dominant blackcurrant accord.

#### 4. APPLICATION AND COMPATIBILITY

It is suitable for blackcurrant accords, fruity perfumes, fruity-green compositions, contemporary feminine perfumes, spring and summer fragrances, and fruity-floral creations.

It combines particularly well with raspberry, blackberry, apple, pear, citrus materials, freesia, lily of the valley, green musks and aquatic notes.

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### 5. RECOMMENDED USE

General recommended concentration in perfume compositions: 0.1-5%. The appropriate level depends on the desired intensity, composition character and final product category.

|                                 |         |
|---------------------------------|---------|
| Blackcurrant accords            | 0.2-5%  |
| Fruity-green perfumes           | 0.1-3%  |
| Fruity-floral compositions      | 0.1-2%  |
| Citrus-fruity perfumes          | 0.1-2%  |
| Cosmetic fragrance formulations | 0.05-1% |

The stated ranges represent typical working concentrations. Compatibility and stability must be tested in the intended final formulation, and permitted concentrations must be verified against the current IFRA certificate.

### 6. PHYSICAL AND TECHNICAL DATA

|                           |                                                                                                                      |
|---------------------------|----------------------------------------------------------------------------------------------------------------------|
| Appearance                | Liquid                                                                                                               |
| Colour                    | Colourless to pale yellow                                                                                            |
| Odour                     | Fruity, green                                                                                                        |
| Olfactory character       | Fresh blackcurrant accord with pronounced green nuances and a mild sulfurous note characteristic of blackcurrant bud |
| Density at 20 °C          | 1.005-1.025                                                                                                          |
| Density at 25 °C          | 1.002-1.022                                                                                                          |
| Refractive index at 20 °C | 1.446-1.456                                                                                                          |
| Refractive index at 25 °C | 1.444-1.454                                                                                                          |
| Flash point               | 39 °C                                                                                                                |
| Solubility                | Soluble in alcohol and perfume bases                                                                                 |
| Stability                 | Good stability under recommended storage conditions                                                                  |
| Compatibility             | Fruity, green, floral and citrus accords                                                                             |

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### 7. STABILITY AND COMPATIBILITY

Cassis Base 345 BB shows good stability under the recommended storage conditions. Compatibility, stability, colour and odour profile must be evaluated in the intended final product and packaging.

### 8. REGULATORY DATA AND STATUS

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

IFRA status: Use in accordance with the current IFRA Standards, certificate and manufacturer's recommendations for the relevant final product category.

Vegan status: Does not contain ingredients of animal origin.

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

### 9. STORAGE AND SHELF LIFE

Store in a cool place in the original, well-filled and hermetically sealed container, protected from air and light. Close the container immediately after use.

Recommended storage temperature: Up to 10 °C.

Shelf life: 18 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.