

TECHNICAL DATA SHEET

COTTON CLOUD

Clean musky-powdery cosmetic fragrance base with an airy freshly washed cotton effect

1. PRODUCT IDENTIFICATION

Product name	Cotton Cloud
Raw material type	Fragrance base / clean musky-powdery cosmetic base
Olfactory family	Musk / Powdery / Clean
Odour profile	Freshly washed cotton, clean musks, soft powdery nuances and airy freshness
Position in fragrance	Middle and base note
Application	Fragrance and cosmetic formulations, gentle skin care, baby and sensitive-skin products, textile and ambient fragrances
Raw material origin	Synthetic
Ingredient category	Cosmetics Collection

2. OLFATORY CLASSIFICATION AND ODOUR PROFILE

Cotton Cloud is a synthetic fragrance base from the Cosmetics Collection, developed for gentle cosmetic products, textile formulations and fragrance compositions requiring a clean, soft and airy character.

Its odour profile evokes freshly washed cotton, clean musks and subtle powdery softness. The accord is light, airy and unobtrusive, with a pronounced impression of cleanliness, freshness and tenderness. It recalls soft white textiles, restrained soapy freshness and the enveloping scent of clean cotton.

3. FUNCTION IN FRAGRANCE COMPOSITIONS

Cotton Cloud functions as a middle and base note. In the heart, it provides cleanliness and soft textile freshness, while the base leaves a pleasant, longer-lasting powdery-musky trace. It is particularly suitable for formulations requiring a gentle, clean and widely appealing fragrance.

4. APPLICATION AND COMPATIBILITY

It is suitable for gentle skin-care products, baby and sensitive-skin formulations, body lotions and creams, mild leave-on products, textile fragrance formulations, ambient fragrances, clean musky compositions and powdery-floral cosmetic fragrances.

It combines well with white musks, aldehydic notes, powdery accords, iris, violet, white flowers, freesia, lily of the valley, clean soapy notes, cotton accords, ambrette, light woods and soft balsamic nuances. Compatibility is very good with clean musks, powdery, floral, soapy, aldehydic, textile, baby-care and soft-care accords.

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5. RECOMMENDED USE

Recommended use	Not specified in the supplied technical data
Baby and sensitive-skin formulations	According to the IFRA limit for the relevant product category
Leave-on body-care products	According to the IFRA limit for the relevant product category
Rinse-off cosmetic products	According to the IFRA limit for the relevant product category
Textile formulations	According to the technical and safety assessment of the final formulation
Ambient fragrances and clean compositions	According to the IFRA limit for the relevant product category

The permitted concentration must be checked against the current IFRA certificate for the relevant final product category. Owing to its gentle, clean and cosmetically appealing profile, the base is suitable where a discreet, soft and fresh effect is required. At low levels it provides mild powdery-musky freshness, while higher levels may create a recognisable Cotton Cloud accord.

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

6. PHYSICAL AND TECHNICAL DATA

Appearance	Liquid
Colour	Pale yellow
Odour	Floral
Olfactory character	Clean, soft, musky-powdery, airy, fresh and enveloping, with a freshly washed cotton effect
Density at 20 °C	0.963-1.003
Refractive index at 20 °C	1.482-1.492
Flash point	98.5 °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 clean musks, powdery, floral, soapy, aldehydic, textile, baby-care and soft-care accords.

Compatibility and stability 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: The composition complies with cosmetic standards and IFRA requirements; the current IFRA certificate must be checked 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. Avoid direct contact with skin and eyes and use appropriate personal protective equipment. Refer to the current Safety Data Sheet (SDS) for hazard classification, protective measures, safe handling and disposal information.

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.