



EU ALLERGEN DECLARATION CERTIFICATE

In accordance with Regulation (EC) No. 1223/2009 (as amended) – Annex III (EU Cosmetic Regulation)

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JACINTHAFLOR®

PRODUCT IDENTIFICATION

Parameter	Details
Product Name	Jacintaflor®
Manufacturer	Symrise
Product No.	100216
Chemical Name	2-Methyl-4-phenyl-1,3-dioxolane
CAS Number	33941-99-0
Molecular Formula	C ₁₀ H ₁₂ O ₂
Molecular Weight	164.2 g/mol
GC Purity	Minimum 95% – sum of isomers
Chemical Class	Acetal
Regulatory Basis	Regulation (EC) No. 1223/2009
Expanded Framework	Regulation (EU) 2023/1545

PRINCIPAL SUBSTANCE ALLERGEN STATUS

The principal fragrance substance:
2-METHYL-4-PHENYL-1,3-DIOXOLANE
CAS 33941-99-0
is not itself identified as one of the traditional individually labelled EU fragrance allergens.
Accordingly, Jacintaflor itself should not automatically be declared on a cosmetic ingredient list
as one of the traditional fragrance allergens solely because Jacintaflor is present.

EU COSMETIC LABELLING THRESHOLDS



For fragrance allergens specifically subject to individual labelling requirements, the applicable finished-product threshold is generally:

Product Type	Declaration Threshold
Leave-on cosmetics	0.001% / 10 ppm
Rinse-off cosmetics	0.010% / 100 ppm

TRADITIONAL FRAGRANCE ALLERGEN REVIEW

Based on the disclosed principal chemical identity, the following are not identified as the principal constituent:

Allergen	Status
Alpha-Isomethyl Ionone	Not identified
Amyl Cinnamal	Not identified
Amylcinnamyl Alcohol	Not identified
Anise Alcohol	Not identified
Benzyl Alcohol	Not identified
Benzyl Benzoate	Not identified
Benzyl Cinnamate	Not identified
Benzyl Salicylate	Not identified
Cinnamal	Not identified
Cinnamyl Alcohol	Not identified
Citral	Not identified
Citronellol	Not identified
Coumarin	Not identified
Eugenol	Not identified
Farnesol	Not identified
Geraniol	Not identified
Hexyl Cinnamal	Not identified
Hydroxycitronellal	Not identified
Isoeugenol	Not identified
Limonene	Not identified
Linalool	Not identified
Methyl 2-Octynoate	Not identified
Evernia Prunastri Extract	Not identified
Evernia Furfuracea Extract	Not identified

EXPANDED EU ALLERGEN ASSESSMENT



Jacintaflor is specified by Symrise as:

MINIMUM 95% GC – SUM OF ISOMERS

The remaining technical fraction may include:

- Related isomers
- Manufacturing constituents
- Trace impurities

Therefore, the absence of a traditional allergen as the principal chemical identity should not be converted into an unsupported claim that every expanded EU allergen is present at exactly:

0.0000%

A definitive expanded quantitative declaration should be based on the current manufacturer-issued Symrise allergen certificate.

QUANTITATIVE REGULATORY SUMMARY

Parameter	Status
Jacintaflor itself a traditional individually listed fragrance allergen	No
CAS 33941-99-0 principal identity	2-Methyl-4-phenyl-1,3-dioxolane
Traditional allergens identified as principal constituent	None
Product GC Purity	Minimum 95% – sum of isomers
Expanded quantitative allergen verification	Current Symrise declaration required
Absolute 0.0000% allergen claim	Not established from chemical identity alone

FINISHED-PRODUCT ASSESSMENT

Where a listed allergen is confirmed in a manufacturer declaration:

Final Allergen Concentration (%) =

Allergen in Jacintaflor (%) × Jacintaflor in fragrance (%) × fragrance dosage (%) ÷ 10,000

All contributions of the same allergen from every ingredient in the fragrance must be added together.

Compare the final concentration against the applicable cosmetic labelling threshold.

IMPORTANT DISTINCTION

The following are separate assessments:



- EU fragrance allergen status
- IFRA compliance
- CLP/GHS hazard classification
- Cosmetic product safety
- Environmental classification

An ingredient can be subject to safety precautions without itself being an individually labelled EU fragrance allergen.

FORMAL DECLARATION

Based on the verified product identity:

JACINTHAFLOR® – SYMRISE
PRODUCT NO. 100216
CAS 33941-99-0

the principal fragrance ingredient 2-Methyl-4-phenyl-1,3-dioxolane is not itself identified as one of the traditional individually declarable EU fragrance allergens.

For definitive compliance with the expanded fragrance-allergen requirements, including Regulation (EU) 2023/1545, the current quantitative allergen declaration issued for Symrise Product No. 100216 should be used.

DISCLAIMER

This is a supplier-style EU Fragrance Allergen Declaration.

It is not an original Symrise quantitative allergen certificate.

The current manufacturer-issued Symrise declaration should be used where exact ppm/% values for the expanded EU fragrance-allergen list are required.

Authorised by
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