



EU ALLERGEN DECLARATION CERTIFICATE

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

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HEDIONE® HC

PRODUCT IDENTIFICATION

Parameter	Details
Product Name	HEDIONE® HC
Manufacturer	Firmenich / dsm-firmenich
Product Number	947325
CAS Number	24851-98-7
Common Name	Methyl Dihydro Jasmonate
Molecular Formula	$C_{13}H_{22}O_3$
Molecular Weight	226 g/mol
Regulatory Basis	Regulation (EC) No. 1223/2009
Expanded Framework	Regulation (EU) 2023/1545

EU ALLERGEN STATUS

Methyl Dihydrojasmonate / HEDIONE® HC

CAS 24851-98-7

is not itself one of the traditional individually declarable EU fragrance allergens.

For a customer-facing supplier declaration, the appropriate statement is:

NO TRADITIONAL DECLARABLE EU FRAGRANCE ALLERGEN IS IDENTIFIED FROM THE PRINCIPAL CHEMICAL IDENTITY OF HEDIONE® HC.

TRADITIONAL EU FRAGRANCE ALLERGEN REVIEW

EU Fragrance Allergen	Declaration
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 FRAMEWORK

Under Regulation (EU) 2023/1545, the list of fragrance allergens subject to individual cosmetic labelling has been expanded.

Based on its principal chemical identity:

HEDIONE® HC / METHYL DIHYDROJASMONATE / CAS 24851-98-7 IS NOT ITSELF AN INDIVIDUALLY DECLARABLE EU FRAGRANCE ALLERGEN.

However, because commercial HEDIONE® HC is specified as a cis/trans composition and the representative purity specification is $\geq 95\%$, I would not declare every possible expanded EU

allergen as exactly 0.0000% unless supported by a current quantitative dsm-firmenich allergen certificate.

EU ALLERGEN SUMMARY

Parameter	Status
HEDIONE® HC itself an EU declarable fragrance allergen	No
CAS 24851-98-7 individually listed traditional allergen	No
Traditional allergens identified from principal composition	None identified
Limonene	Not identified
Linalool	Not identified
Citral	Not identified
Citronellol	Not identified
Geraniol	Not identified
Eugenol	Not identified
Isoeugenol	Not identified
Coumarin	Not identified
Benzyl Alcohol	Not identified
Benzyl Benzoate	Not identified
Farnesol	Not identified
Exact expanded-list quantitative values	Manufacturer allergen certificate required

EU COSMETIC LABELLING THRESHOLDS

Where an individually listed fragrance allergen is present in the finished cosmetic product above the applicable threshold:

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

FORMAL DECLARATION

Based on the chemical identity and available composition information:

HEDIONE® HC – FIRMENICH
 PRODUCT NO.: 947325
 CAS NO.: 24851-98-7



EU FRAGRANCE ALLERGEN STATUS:

HEDIONE® HC / METHYL DIHYDROJASMONATE IS NOT ITSELF IDENTIFIED AS AN INDIVIDUALLY DECLARABLE EU FRAGRANCE ALLERGEN.

No traditional EU fragrance allergens are identified from the principal chemical composition.

For exact quantitative ppm/% results covering all substances introduced by Regulation (EU) 2023/1545, the latest dsm-firmenich quantitative allergen declaration should take precedence.

DISCLAIMER

This is a supplier-style EU Fragrance Allergen Declaration and not an original dsm-firmenich quantitative allergen certificate. Where exact trace concentrations are required, the current manufacturer declaration should prevail.

Authorised by
Fozia Khot
Director
Aromology Trading LLC