



EU ALLERGEN DECLARATION CERTIFICATE

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

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Website: www.aromology.com
Email: info@aromology.com

Helional®

Product Identification

Parameter	Details
Product Name	Helional®
Manufacturer	International Flavors & Fragrances Inc. – IFF
IFF Sales / IPC Number	00082322 / 82322
Chemical Name	3-(1,3-Benzodioxol-5-yl)-2-methylpropanal
Alternative Name	Alpha-Methyl-1,3-benzodioxole-5-propanal
CAS Number	1205-17-0
EC Number	214-881-6
Regulatory Basis	Regulation (EC) No. 1223/2009
Expanded Allergen Regulation	Regulation (EU) 2023/1545

Finished-Product Labelling Thresholds

Fragrance allergens listed in Annex III must be declared in the finished cosmetic when their cumulative concentration exceeds:

Product Type	Declaration Threshold
Leave-on cosmetic product	0.001% / 10 mg/kg
Rinse-off cosmetic product	0.010% / 100 mg/kg

Principal Material Status

Helional itself is not identified in the available IFF expanded-allergen declaration as an individually declarable fragrance allergen under the traditional or expanded EU lists.

This conclusion is separate from:

- Its IFRA restriction

- Its skin-sensitisation classification
- Its reproductive-toxicity classification
- Its environmental classification

A fragrance material can be IFRA-restricted or classified as a skin sensitizer without being an individually named Annex III cosmetic allergen.

Expanded EU Allergen Declaration

An available IFF extended-allergen statement for sales number 00082322, dated August 22, 2025, reports no listed expanded fragrance allergen at or above its stated reporting threshold.

Examples shown as absent or below the reporting level include:

Expanded Allergen	CAS Number	Reported Status
Acetyl Cedrene	32388-55-9	Below reporting level / not reported
Amyl Salicylate	2050-08-0	Below reporting level / not reported
Anethole	104-46-1 / 4180-23-8	Below reporting level / not reported
Benzaldehyde	100-52-7	Below reporting level / not reported
Camphor	Various	Below reporting level / not reported
Beta-Caryophyllene	87-44-5	Below reporting level / not reported
Carvone	Various	Below reporting level / not reported
Dimethyl Phenethyl Acetate	151-05-3	Below reporting level / not reported
Hexadecanolactone	109-29-5	Below reporting level / not reported
Hexamethylindanopyran	1222-05-5	Below reporting level / not reported
Linalyl Acetate	115-95-7	Below reporting level / not reported
Menthol	Various	Below reporting level / not reported
Methyl Salicylate	119-36-8	Below reporting level / not reported

The available declaration uses dashes to indicate that the relevant substances are absent or below the applicable reporting level.

Traditional EU Fragrance Allergens

Traditional Fragrance Allergen	Representative Status
Alpha-Isomethyl Ionone	Not reported above threshold
Amyl Cinnamal	Not reported above threshold
Anise Alcohol	Not reported above threshold
Benzyl Alcohol	Not reported above threshold
Benzyl Benzoate	Not reported above threshold
Benzyl Cinnamate	Not reported above threshold
Benzyl Salicylate	Not reported above threshold
Cinnamal	Not reported above threshold

Cinnamyl Alcohol	Not reported above threshold
Citral	Not reported above threshold
Citronellol	Not reported above threshold
Coumarin	Not reported above threshold
Eugenol	Not reported above threshold
Farnesol	Not reported above threshold
Geraniol	Not reported above threshold
Hexyl Cinnamal	Not reported above threshold
Hydroxycitronellal	Not reported above threshold
Isoeugenol	Not reported above threshold
Limonene	Not reported above threshold
Linalool	Not reported above threshold
Methyl 2-Octynoate	Not reported above threshold
Evernia Prunastri Extract	Not reported above threshold
Evernia Furfuracea Extract	Not reported above threshold

Important Regulatory Distinction

Helional must not automatically be declared as:

- Hydroxycitronellal
- Cyclamen Aldehyde
- Lilial
- Lyrall
- Floralozone
- Aquaflora
- Another aquatic or muguet fragrance ingredient

Olfactive similarity does not establish chemical identity.

The correct identity is:

3-(1,3-Benzodioxol-5-yl)-2-methylpropanal

CAS 1205-17-0

Quantitative Declaration

Parameter	Representative Result
Helional	Approximately 90–100%
Individually listed EU fragrance allergens identified above reporting threshold	None in available declaration
Traditional allergens above reporting threshold	None reported
Expanded allergens above reporting threshold	None reported

Batch-specific IFF declaration required for formal issue Yes

Cumulative Formula Assessment

Even where Helional contributes no listed EU allergen above the reporting threshold, the complete finished product must include contributions from:

- Essential oils
- Absolutes
- Botanical extracts
- Fragrance bases
- Other aroma chemicals
- Preservatives
- Antioxidants
- Functional ingredients

Final labelling must be based on the whole formula.

Declaration Summary

Requirement	Status
Helional itself individually listed as an EU fragrance allergen	No
Traditional allergen above reporting threshold	None reported
Expanded allergen above reporting threshold	None reported
Skin sensitiser under CLP	Yes
IFRA-restricted	Yes
Allergen-free marketing claim supported	No
Current manufacturer declaration required	Yes
Finished-product cumulative assessment required	Yes
Final label decision	Cosmetic manufacturer / EU Responsible Person

Conditional Declaration

Based on the available IFF expanded-allergen statement:

No individually declarable EU fragrance allergen is reported in Helional® at or above the manufacturer's stated reporting threshold.

This statement applies only to the assessed product code and formulation version.

It must not be interpreted as:

- An analytical guarantee of absolute zero



- A claim that Helional is non-sensitising
- A claim that Helional is unrestricted
- An “allergen-free” marketing authorisation

Disclaimer

This EU Fragrance Allergen Declaration is a representative supplier-style document.

It is not:

- The original IFF quantitative allergen declaration
- Evidence of batch-specific testing by Aromology Trading LLC
- A finished-cosmetic ingredient-list approval
- A Cosmetic Product Safety Report

Before formal issue, verify against:

- Current IFF expanded-allergen declaration
- Exact IFF product and sales number
- Original batch Certificate of Analysis
- Current IFF Safety Data Sheet
- Regulation (EC) No. 1223/2009
- Regulation (EU) 2023/1545
- Current consolidated Annex III
- Complete finished-product formula

The cosmetic manufacturer or EU Responsible Person remains responsible for final cumulative calculations, ingredient-list labelling and regulatory compliance.

Authorised by:

Fozia Khot
Director