

EU ALLERGEN DECLARATION CERTIFICATE

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

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PRODUCT INFORMATION

Item	Details
Product Name	Grapefruit Oil
Botanical Name	<i>Citrus paradisi</i> Macfad.
INCI Name	Citrus Paradisi Peel Oil
CAS Number	8016-20-4
EC Number	289-904-6
Plant Part	Fruit peel
Initial Extraction Method	Expression / cold pressing
Further Processing	Controlled concentration of the natural peel oil
Material Type	Concentrated Natural Complex Substance
Issue Date	17 July 2026

REGULATORY BASIS

This declaration has been prepared with reference to Regulation (EC) No. 1223/2009 on cosmetic products, as amended by Commission Regulation (EU) 2023/1545 concerning the individual labelling of fragrance allergens. Regulation (EU) 2023/1545 remains in force.

DECLARATION

Grapefruit Oil – 5 Fold is a concentrated natural botanical oil.

No isolated fragrance allergen is intentionally added. However, regulated fragrance allergens occur naturally in grapefruit peel oil and may become relatively enriched during the folding process.

The exact allergen profile varies according to:

- Grapefruit variety
- Geographical origin
- Harvest conditions
- Peel quality
- Expression process
- Degree of folding
- Fractionation method
- Oxidation
- Storage conditions
- Production batch

REPRESENTATIVE EU ALLERGEN PROFILE

Fragrance Allergen	CAS Number	Representative Content	Declaration Status
Limonene	138-86-3 / 5989-27-5	55–90%	Naturally present
Linalool	78-70-6	0.2–5.0%	Naturally present
Citral	5392-40-5	Trace–2.0%	May be naturally present
Geraniol	106-24-1	Trace–1.0%	Batch dependent
Citronellol	106-22-9	Trace or not detected	Batch dependent
Farnesol	4602-84-0	Trace or not detected	Batch dependent
Pinene	80-56-8 / 127-91-3	0.4–6.0% combined	Naturally present
Terpineol	8000-41-7	Trace–1.0%	Batch dependent
Terpinolene	586-62-9	Trace–1.0%	Batch dependent
Beta-Caryophyllene	87-44-5	Trace–1.0%	Batch dependent
Benzyl Alcohol	100-51-6	Trace or not detected	Batch dependent
Benzyl Benzoate	120-51-4	Not expected or trace	Not intentionally added
Eugenol	97-53-0	Not expected or trace	Batch dependent
Isoeugenol	97-54-1	Not expected	Not intentionally added
Coumarin	91-64-5	Not expected	Not intentionally added
Cinnamal	104-55-2	Not expected	Not intentionally added
Cinnamyl Alcohol	104-54-1	Not expected	Not intentionally added
Hexyl Cinnamal	101-86-0	Not expected	Not intentionally added

Hydroxycitronellal	107-75-5	Not expected	added Not intentionally added
Alpha-Isomethyl Ionone	127-51-5	Not expected	Not intentionally added

FINISHED-PRODUCT DECLARATION THRESHOLDS

Regulated fragrance allergens must be individually declared in the finished cosmetic product when their concentration exceeds:

Finished Product Type Declaration Threshold

Leave-on cosmetic products 0.001%

Rinse-off cosmetic products 0.01%

ILLUSTRATIVE CALCULATION — LIMONENE

Where the oil contains 72% limonene and is used at 0.50% in a finished product:

$72\% \times 0.50\% = 0.36\%$ limonene in the finished product

Limonene would exceed both the leave-on and rinse-off declaration thresholds and must be included in the finished-product ingredient list.

ILLUSTRATIVE CALCULATION — LINALOOL

Where the oil contains 1.40% linalool and is used at 0.50%:

$1.40\% \times 0.50\% = 0.007\%$ linalool in the finished product

Linalool would exceed the leave-on threshold of 0.001% but would remain below the rinse-off threshold of 0.01%.

These calculations are illustrative only. Actual batch values must be used.

OXIDATION STATEMENT

Limonene, linalool, pinene and other terpene constituents may oxidise following exposure to air, heat or light.

Oxidised terpene products may have increased skin-sensitising potential.

The material should therefore be:

- Stored tightly closed.



- Protected from heat and direct light.
- Kept with minimal container headspace.
- Monitored for peroxide development.
- Used within the recommended retest period.

FUROCOUMARIN QUALIFICATION

Furocoumarins are not declared under this document as fragrance allergens merely because they are phototoxic constituents.

They remain relevant to:

- IFRA phototoxicity restrictions
- Cosmetic safety assessment
- Sun-exposed leave-on products
- Batch-specific analytical control

This declaration does not certify the material as furocoumarin-free or non-phototoxic.

CONCLUSION

LIMONENE AND LINALOOL ARE EXPECTED TO REQUIRE DECLARATION

Citral, pinene, geraniol and other regulated allergens may also require declaration depending on:

- Actual batch concentration
- Use level of the oil
- Finished-product type
- Contributions from all other ingredients

No isolated fragrance allergen is intentionally added.

The finished-product manufacturer must calculate the contribution of every regulated allergen from this oil and all other ingredients in the formulation.

Batch-specific GC–MS and allergen analysis must take precedence over this representative declaration.

Authorised by:

Fozia Khot
Director