

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

Parameter	Details
Product Name	Narrow Leaf Peppermint Essential Oil
Correct Regulatory Identity	Eucalyptus Radiata Essential Oil
Botanical Name	<i>Eucalyptus radiata</i> Sieber ex DC.
INCI Name	Eucalyptus Radiata Leaf/Stem Oil
CAS Number	92201-64-4
EC Number	295-995-3
Plant Part	Leaves and twigs
Extraction Method	Steam distillation
Product Type	Natural Complex Substance
Issue Date	21 July 2026

REGULATORY BASIS

This declaration has been prepared with reference to:

- Regulation (EC) No. 1223/2009 on cosmetic products
- Commission Regulation (EU) 2023/1545
- The expanded EU fragrance-allergen labelling requirements
- The leave-on and rinse-off declaration thresholds

Regulation (EU) 2023/1545 requires listed fragrance allergens to be declared where their final concentration exceeds 0.001% in leave-on cosmetics or 0.01% in rinse-off cosmetics.

EU 2023 EXPANDED ALLERGEN PROFILE

Fragrance Allergen / Group Name	CAS Number(s)	Representative Concentration in Raw Material
Alpha-Terpinene	99-86-5	0.60%
Beta-Caryophyllene	87-44-5	0.40%
Citral	141-27-5; 106-26-3; 5392-40-5	0.80%
Geraniol	106-24-1	0.70%
Limonene	138-86-3; 7705-14-8; 5989-54-8; 5989-27-5	8.00%
Linalool	78-70-6	0.70%
Pinene	80-56-8; 7785-70-8; 127-91-3; 18172-67-3	6.00%
Terpineol	8000-41-7; 98-55-5; 138-87-4; 586-81-2	12.00%

The concentrations above are reproduced from an expanded allergen declaration issued on **27 April 2025** for Eucalyptus Radiata Essential Oil Organic. Components below 1 ppm were not listed in that source declaration.

TRADITIONAL EU FRAGRANCE ALLERGENS

Traditional Allergen	Representative Concentration
Limonene	8.00%
Linalool	0.70%
Citral	0.80%
Geraniol	0.70%
Citronellol	Batch-dependent; may occur at trace levels
Benzyl Alcohol	Not detected or below reporting level in the representative declaration
Eugenol	Not detected or below reporting level
Isoeugenol	Not detected or below reporting level
Coumarin	Not detected or below reporting level
Benzyl Benzoate	Not detected or below reporting level

An earlier supplier declaration reported maximum levels of limonene at 12.00%, linalool at 0.90%, geraniol at 0.04%, and citronellol at 0.01%, illustrating that natural composition may vary by batch and supplier.

APPROXIMATE RAW-MATERIAL LEVEL TRIGGERING DECLARATION

The following table shows the approximate finished-product dosage of this essential oil at which each allergen would exceed the EU threshold, based on the representative raw-material percentages.

Allergen	Raw-Material Level	Leave-On: Oil Level Above Which Declaration Applies	Rinse-Off: Oil Level Above Which Declaration Applies
Terpineol	12.00%	Above 0.0083%	Above 0.0833%
Limonene	8.00%	Above 0.0125%	Above 0.1250%
Pinene	6.00%	Above 0.0167%	Above 0.1667%
Citral	0.80%	Above 0.1250%	Above 1.2500%
Geraniol	0.70%	Above 0.1429%	Above 1.4286%
Linalool	0.70%	Above 0.1429%	Above 1.4286%
Alpha-Terpinene	0.60%	Above 0.1667%	Above 1.6667%
Beta-Caryophyllene	0.40%	Above 0.2500%	Above 2.5000%

These are mathematical illustrations based on the cited representative concentrations. They do not replace a batch-specific allergen calculation.

CALCULATION FORMULA

Where the oil is added directly to a cosmetic product:

Final allergen percentage = allergen percentage in essential oil × essential-oil dosage in finished product

Example

Where the oil is used at 1.00% in a leave-on cosmetic:

- Limonene: $8.00\% \times 1.00\% = 0.0800\%$
- Linalool: $0.70\% \times 1.00\% = 0.0070\%$
- Citral: $0.80\% \times 1.00\% = 0.0080\%$
- Geraniol: $0.70\% \times 1.00\% = 0.0070\%$

All four would exceed the 0.001% leave-on declaration threshold.

BATCH-VARIATION STATEMENT

Eucalyptus Radiata Essential Oil is a Natural Complex Substance. Its constituent levels may vary because of:

- Botanical chemotype
- Geographic origin
- Climate and rainfall
- Harvest period
- Leaf maturity
- Distillation conditions
- Storage and oxidation
- Production batch

The finished-product calculation must therefore use the current batch-specific allergen declaration whenever available.

OXIDATION STATEMENT

Limonene, linalool and terpene constituents may oxidise during storage. Oxidation can increase sensitisation potential and may affect the analytical profile.

Store the oil:

- Tightly closed
- Protected from air and light
- Away from heat
- With minimum headspace
- Under suitable cool-storage conditions

CUSTOMER RESPONSIBILITY

The finished-product manufacturer is responsible for:

- Using the current batch-specific allergen report.
- Calculating each allergen in the final cosmetic.
- Combining allergen contributions from all raw materials.
- Applying the correct leave-on or rinse-off threshold.
- Using the required Annex III ingredient names.
- Reviewing implementation dates under Regulation (EU) 2023/1545.
- Completing the Cosmetic Product Safety Report.
- Ensuring compliance in each intended market.

CONCLUSION

Narrow Leaf Peppermint Essential Oil – *Eucalyptus radiata* contains multiple traditional and expanded EU fragrance allergens.

Based on the representative 2025 declaration, the principal declarable constituents are:

Terpineol, Limonene, Pinene, Citral, Geraniol, Linalool, Alpha-Terpinene and Beta-Caryophyllene.

Their presence on the finished-product ingredient list depends on the essential-oil dosage, contributions from other ingredients, product type and the applicable EU declaration threshold.

IMPORTANT LIMITATION

This document is a representative supplier declaration and is not a batch-specific laboratory certificate.

The current manufacturer-issued quantitative allergen declaration must take precedence where its results differ.

AUTHORISED BY

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