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IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

Supplier

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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
Applicable Amendment	IFRA 51st Amendment

DECLARATION

Narrow Leaf Peppermint Essential Oil, correctly identified as *Eucalyptus radiata* essential oil, conforms to the IFRA Standards up to and including the 51st Amendment, provided that its concentration in the finished consumer product does not exceed the category-specific levels stated below.

The IFRA 51 source certificate was prepared for organic *Eucalyptus radiata* oil and identifies citral and geraniol as IFRA-limited constituents.

MAXIMUM PERMITTED CONCENTRATION IN THE FINISHED PRODUCT

IFRA Category	Maximum Level of Narrow Leaf Peppermint EO
Category 1	13.75%
Category 2	4.00%
Category 3	12.50%



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IFRA Category	Maximum Level of Narrow Leaf Peppermint EO
Category 4	75.00%
Category 5A	18.75%
Category 5B	18.75%
Category 5C	18.75%
Category 5D	6.37%
Category 6	22.85%
Category 7A	25.00%
Category 7B	25.00%
Category 8	6.37%
Category 9	Not limited
Category 10A	Not limited
Category 10B	Not limited
Category 11A	6.37%
Category 11B	6.37%
Category 12	Not limited

These limits are reproduced from the available IFRA 51 certificate for Organic Eucalyptus Radiata Essential Oil.

IFRA-RESTRICTED CONSTITUENTS

Restricted Constituent	CAS Number	Declared Concentration
Citral	5392-40-5; 141-27-5; 106-26-3	0.8000%
Geraniol	106-24-1	0.7000%

The stated category limits were calculated using these declared constituent concentrations.

CATEGORY GUIDANCE

Category	Representative Product Applications
1	Lip products and toys involving oral contact
2	Deodorants, antiperspirants and body sprays
3	Eye products, facial cosmetics, make-up removers and facial wipes
4	Parfum, Eau de Parfum, Eau de Toilette, cologne and aftershave
5A	Body lotions, body creams, body oils and powders
5B	Facial creams, facial moisturisers and toners
5C	Hand creams, hand sanitisers and nail-care products
5D	Baby creams, oils, powders and talc



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Category	Representative Product Applications
6	Toothpaste, mouthwash and oral-care products
7A	Rinse-off chemical hair treatments
7B	Hair sprays, styling products, dry shampoo and leave-on hair products
8	Intimate wipes, baby wipes and products with significant ano-genital exposure
9	Soap, shampoo, shower gel, body wash and other rinse-off products
10A	Hand-wash detergents, cleaners, reed diffusers and similar products
10B	Air-freshener sprays, aerosol insecticides and animal sprays
11A	Diapers, hygiene pads and dry toilet paper
11B	Tissues, napkins, pillow sprays and scented textile articles
12	Candles, incense, plug-ins and products without meaningful skin contact

The product-type descriptions above correspond to the category guidance shown in the source IFRA certificate.

CALCULATION PRINCIPLE

Where the essential oil is incorporated directly into the finished product:

Final oil concentration = percentage of Narrow Leaf Peppermint EO used in the finished product

Where the oil is incorporated into a fragrance concentrate:

Oil percentage in fragrance concentrate × fragrance concentrate dosage in finished product

Example

- Narrow Leaf Peppermint EO in fragrance concentrate: 8%
- Fragrance concentrate in Eau de Parfum: 20%

Final essential-oil level:

$$8\% \times 20\% = 1.60\%$$

The Category 4 limit is 75.00%, so the illustrative final concentration of 1.60% is below the stated IFRA limit.

IMPORTANT CONDITIONS

The limits remain valid only where:



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- The oil corresponds to the declared *Eucalyptus radiata* composition.
- Citral and geraniol do not exceed the levels used in the source calculation.
- The correct IFRA category is selected.
- Contributions from other ingredients containing the same restricted constituents are added.
- The complete formulation is safety assessed.
- Oxidised or materially changed oil is not used without reassessment.
- Current batch-specific analytical and IFRA documentation is reviewed.

FLAVOUR AND ORAL-CARE NOTICE

Compliance with an IFRA concentration limit does not by itself establish that the material is suitable for ingestion or flavour use.

Category 1 and Category 6 applications must also meet the applicable flavour-safety and regional regulatory requirements.

CONCLUSION

Narrow Leaf Peppermint Essential Oil – *Eucalyptus radiata* may be used under the IFRA 51st Amendment up to the category-specific maximum levels shown in this certificate.

The most restrictive stated level is:

4.00% in Category 2

The highest numerical limit is:

75.00% in Category 4

Categories 9, 10A, 10B and 12 are identified as not limited under this specific IFRA assessment.



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DISCLAIMER

This is an Aromology supplier certificate prepared with reference to an available IFRA 51 conformity statement. It is not a certificate issued by IFRA itself.

The current batch-specific manufacturer IFRA certificate takes precedence where its constituent profile or category limits differ.

AUTHORISED BY

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