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IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

Supplier

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NATURAL GAMMA OCTALACTONE

1. PRODUCT IDENTIFICATION

Parameter	Details
Product Name	Natural Gamma Octalactone
Chemical Name	Gamma-Octalactone
INCI Name	Octalactone
CAS Number	104-50-7
EC Number	203-208-1
FEMA Number	2796
Product Type	Natural Aroma Chemical
IFRA Amendment	51st Amendment

2. IFRA STATUS

Gamma-Octalactone is included in the IFRA Transparency List as a fragrance ingredient. Based on the IFRA Standards Library reviewed for the 51st Amendment, no individual IFRA prohibition, restriction or prescribed purity Standard was identified specifically for gamma-octalactone under CAS 104-50-7. IFRA confirms that not every fragrance ingredient is subject to an individual Standard.

Accordingly, this material is declared:

NOT RESTRICTED BY A MATERIAL-SPECIFIC IFRA STANDARD UNDER THE 51st AMENDMENT

This does not mean that unrestricted quantities are automatically safe or suitable in every finished product. The concentration must be determined through the finished-product safety assessment, intended application, exposure conditions and applicable legislation.

3. IFRA 51 CATEGORY DECLARATION



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IFRA Category

IFRA 51 Status for Gamma-Octalactone

Category 1	No material-specific IFRA maximum identified
Category 2	No material-specific IFRA maximum identified
Category 3	No material-specific IFRA maximum identified
Category 4	No material-specific IFRA maximum identified
Category 5A	No material-specific IFRA maximum identified
Category 5B	No material-specific IFRA maximum identified
Category 5C	No material-specific IFRA maximum identified
Category 5D	No material-specific IFRA maximum identified
Category 6	No material-specific IFRA maximum identified
Category 7A	No material-specific IFRA maximum identified
Category 7B	No material-specific IFRA maximum identified
Category 8	No material-specific IFRA maximum identified
Category 9	No material-specific IFRA maximum identified
Category 10A	No material-specific IFRA maximum identified
Category 10B	No material-specific IFRA maximum identified
Category 11A	No material-specific IFRA maximum identified
Category 11B	No material-specific IFRA maximum identified
Category 12	No material-specific IFRA maximum identified

4. IMPORTANT CONDITIONS OF USE

The absence of a material-specific numerical IFRA restriction does not remove the obligation to:

1. assess the safety of the complete fragrance formulation;
2. consider all ingredients and impurities in the material;
3. calculate the concentration in the finished consumer product;
4. observe applicable cosmetic, detergent, air-care and consumer-product laws;
5. comply with restrictions applicable to other materials in the formulation;
6. conduct an appropriate toxicological and exposure assessment; and
7. follow any newer IFRA Amendment adopted after this certificate's issue date.

IFRA states that applying the IFRA Standards is necessary for compliance with its Code of Practice but may not, by itself, be sufficient to establish complete regulatory compliance or product safety.

5. RECOMMENDED COMMERCIAL USE

Gamma-octalactone is a powerful lactonic material. Its practical formulation level is normally governed by the desired olfactive effect rather than an IFRA material-specific maximum.

Typical applications include:



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- coconut accords;
- creamy and dairy accords;
- peach and apricot accords;
- tropical-fruit compositions;
- tuberose and jasmine accords;
- gourmand fragrances; and
- soap and home-fragrance compositions.

Published perfumery references describe typical use in fragrance compounds at comparatively low concentrations because of its substantive creamy-coconut character.

6. DECLARATION

Based on the information available as of the issue date, Natural Gamma Octalactone may be used in fragrance applications under the IFRA 51st Amendment, provided that:

- the finished product is safety-assessed;
- all other applicable IFRA Standards are observed; and
- the use complies with the laws of the destination market.

7. DISCLAIMER

This certificate applies only to the identified raw material and does not constitute an IFRA Certificate for any finished fragrance mixture or consumer product.

The customer remains responsible for establishing the safe and legally compliant use level in the finished application.

AUTHORISED BY

Fozia Khot

Director

Aromology Trading LLC