



A R O M O L O G Y

IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

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

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

Ambrettolide – IFF

Product Identification

Parameter	Details
Product Name	Ambrettolide – IFF
Product Description	Clean Musk
Chemical Name	Oxacycloheptadec-10-en-2-one
CAS Number	28645-51-4 / 63286-42-0
EC Number	249-120-7
IFF IPC Number	14200
Manufacturer	International Flavors & Fragrances Inc. – IFF
Product Type	Macrocyclic musk aroma ingredient
Applicable Framework	IFRA Standards, 51st Amendment

IFRA 51 Status

Based on the information reviewed for this representative template:

- No unsupported numerical IFRA maximum is assigned.
- The IFF typical use level of traces to 2% is olfactive guidance only.
- The absence of a numerical limit in this document must not be interpreted as unrestricted use.
- The current IFF IFRA certificate or regulatory declaration must be consulted before formal commercial certification.
- Finished-product conformity must be assessed for the applicable IFRA category.

IFRA Category Table

IFRA Category	Representative End Uses	Status
Category 1	Lip products	Formula assessment required
Category 2	Deodorants and antiperspirants	Formula assessment required



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Category 3	Eye and facial products	Formula assessment required
Category 4	Fine fragrance products	Formula assessment required
Category 5A	Body lotions and creams	Formula assessment required
Category 5B	Facial moisturisers	Formula assessment required
Category 5C	Hand creams	Formula assessment required
Category 5D	Baby creams and oils	Formula assessment required
Category 6	Oral-care products	Specific suitability assessment required
Category 7A	Rinse-off hair products	Formula assessment required
Category 7B	Leave-on hair products	Formula assessment required
Category 8	Intimate wipes and related products	Formula assessment required
Category 9	Soap and rinse-off body products	Formula assessment required
Category 10A	Household products with hand contact	Formula assessment required
Category 10B	Aerosol and spray air-care products	Formula assessment required
Category 11A	Incidental skin contact with UV exposure	Formula assessment required
Category 11B	Incidental skin contact without UV exposure	Formula assessment required
Category 12	Candles, incense and negligible skin contact	Formula assessment required

Representative IFRA Assessment

Assessment Item	Representative Status
Specific IFRA Prohibition Identified	None stated in this representative template
Specific Numerical IFRA Restriction Assigned	No unsupported limit assigned
IFRA Purity Specification	Manufacturer verification required
Phototoxicity Concern	Not expected
Natural Complex Substance Assessment	Not applicable to the isolated aroma chemical
Skin Sensitisation Assessment	Finished-product assessment required
Systemic Exposure Assessment	Category and dose dependent
Oral-Care Suitability	Not established by this declaration
Cumulative Restricted-Ingredient Calculation	Required where relevant impurities or constituents are present
Manufacturer IFRA Certificate	Must be consulted before final issue

Impurities and Other Constituents

The final IFRA review should include any manufacturer-declared:

- Related macrocyclic lactones
- Structural or geometric isomers
- Residual solvents
- Catalytic residues
- Stabilisers
- Antioxidants



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- Processing aids
- Restricted impurities

Where an IFRA-regulated substance is present as an impurity, its contribution must be calculated at the actual batch concentration.

Conditional Declaration

Subject to verification against the current IFF regulatory documentation:

Ambrettolide – IFF may be used in fragrance formulations where the complete fragrance compound and finished consumer product comply with all applicable IFRA 51 Standards for the intended category.

No numerical maximum-use concentration is certified by this representative document.

Disclaimer

This document is a representative raw-material IFRA 51 conformity declaration.

It is not:

- Issued by IFRA
- Issued by IFF
- A substitute for the original IFF IFRA certificate
- A final certificate for a complete fragrance compound
- A finished-product safety assessment

Final conformity must be established using the current IFF documentation, the complete fragrance formula, the applicable IFRA category and the actual finished-product dosage.

The fragrance manufacturer remains responsible for issuing the final numerical IFRA Certificate of Conformity for the fragrance compound.

Authorised by:

Fozia Khot
Director