



A R O M O L O G Y

IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

Supplier

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Aldehyde Muguet

Product Identification

Parameter	Details
Product Name	Aldehyde Muguet
Manufacturer Product Name	Muguet Aldehyde 50% DEP®
Manufacturer	International Flavors & Fragrances Inc. – IFF
Principal Aroma Material	Muguet Aldehyde
Chemical Name	[(3,7-Dimethyloct-6-en-1-yl)oxy]acetaldehyde
CAS Number	7492-67-3
Carrier	Diethyl Phthalate – DEP
Carrier CAS Number	84-66-2
Nominal Dilution	50% in DEP
IFRA Framework	Standards up to and including the 51st Amendment

Basis of Assessment

A verified current IFF IFRA 51 Certificate containing category-specific maximum concentrations for the exact Muguet Aldehyde 50 DEP commercial grade was not available for incorporation into this document.

No numerical IFRA maximum is therefore invented or certified here.

The permitted concentration must be determined from:

- The current IFF IFRA Certificate
- The exact IFF product code
- The actual commercial composition
- The intended IFRA product category
- The complete fragrance formula
- The fragrance dosage in the finished product
- Contributions from all restricted constituents



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FRA Category Review

IFRA Category	Representative Product Types	Maximum Permitted Level
Category 1	Lip products	Refer to current IFF certificate
Category 2	Deodorants and antiperspirants	Refer to current IFF certificate
Category 3	Eye and facial products	Refer to current IFF certificate
Category 4	Fine fragrance	Refer to current IFF certificate
Category 5A	Body lotions and creams	Refer to current IFF certificate
Category 5B	Facial moisturisers	Refer to current IFF certificate
Category 5C	Hand creams	Refer to current IFF certificate
Category 5D	Baby creams and oils	Refer to current IFF certificate
Category 6	Oral-care products	Refer to current IFF certificate
Category 7A	Rinse-off hair products	Refer to current IFF certificate
Category 7B	Leave-on hair products	Refer to current IFF certificate
Category 8	Intimate wipes and related products	Refer to current IFF certificate
Category 9	Soap and rinse-off body products	Refer to current IFF certificate
Category 10A	Household products with hand contact	Refer to current IFF certificate
Category 10B	Aerosol and spray air-care products	Refer to current IFF certificate
Category 11A	Incidental skin contact with UV exposure	Refer to current IFF certificate
Category 11B	Incidental skin contact without UV exposure	Refer to current IFF certificate
Category 12	Candles, incense and negligible skin contact	Refer to current IFF certificate

Interpretation

The absence of a numerical value in this representative document does not establish that the product is:

- Unrestricted
- Prohibited
- Safe at any concentration
- Approved for undiluted skin application
- Exempt from formula assessment

Only the current manufacturer-issued IFRA Certificate can establish the applicable category limits for the exact commercial grade.

Dilution Consideration

The commercial product contains approximately:

- 50% Muguet Aldehyde
- 50% Diethyl Phthalate



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Any IFRA limit applicable to the active aroma material must be correctly converted to the diluted commercial product where required.

General Conversion

Where the maximum permitted active Muguet Aldehyde concentration is known:

Maximum commercial 50% dilution (%) =

Maximum active concentration (%) $\div$ 0.50

Example Only

Where a hypothetical maximum active concentration were 1.00%:

$1.00 \div 0.50 = 2.00\%$

The corresponding maximum for the 50% dilution would be 2.00%.

This example is mathematical only and is not an IFRA limit for this product.

Cumulative Formula Assessment

The complete finished-product assessment must include contributions from:

- Aldehyde Muguet 50% DEP
- Other muguet aldehydes
- Related fragrance aldehydes
- Essential oils
- Absolutes
- Natural extracts
- Fragrance bases
- Aroma chemicals
- Antioxidants
- Solvents and carriers
- All remaining formula ingredients

Where the same regulated constituent occurs from several sources, all contributions must be added cumulatively.

Diethyl Phthalate Consideration

IFRA conformity does not independently establish compliance with regional requirements applicable to DEP.

The finished-product manufacturer must separately review:

- Intended product type



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- Destination market
- Consumer age group
- Cosmetic or household application
- Customer-specific phthalate policies
- Applicable restrictions or disclosure requirements

Conditional Conformity Statement

Aldehyde Muguet (Lily) 50% DEP® may be used only when:

1. The exact IFF commercial grade has been confirmed.
2. The current IFF IFRA Certificate has been obtained.
3. The intended finished-product category has been identified.
4. The applicable manufacturer limit has been applied.
5. The dilution strength has been correctly considered.
6. All regulated constituents have been calculated cumulatively.
7. The finished product has undergone an appropriate safety assessment.

This template does not certify a universal or unrestricted maximum use level.

Additional Regulatory Considerations

IFRA conformity does not replace assessment of:

- Skin irritation
- Skin sensitisation
- Eye irritation
- Inhalation exposure
- Occupational exposure
- Environmental classification
- Cosmetic ingredient labelling
- EU allergen declaration
- DEP regulatory status
- Finished-product stability
- Regional consumer-product requirements

Documentation Required Before Formal Issue

Obtain:

- Current IFF IFRA 51 Certificate
- Exact IFF product code
- Original batch number
- Current technical specification
- Current Safety Data Sheet



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- Restricted-material statement
- Current quantitative allergen declaration
- Intended IFRA category
- Complete fragrance formula
- Final fragrance dosage
- Finished-product safety assessment

Declaration

Based on the available information:

Aldehyde Muguet (Lily) 50% DEP® requires category-specific and formula-specific IFRA assessment.

No unsupported numerical maximum is assigned in this document.

The current manufacturer-issued IFF Certificate shall prevail.

Disclaimer

This is a representative supplier-style IFRA 51 declaration. It is not issued by IFF or IFRA and does not replace the original manufacturer Certificate of Conformity.

The finished-product manufacturer remains responsible for:

- Selecting the correct IFRA category
- Confirming the exact commercial dilution
- Applying the current manufacturer limit
- Calculating cumulative restricted constituents
- Assessing consumer exposure
- Reviewing DEP requirements
- Confirming regional regulatory compliance

Where this document differs from the current IFF IFRA documentation, the IFF documentation shall prevail.

Authorised by:

Fozia Khot
Director