



A R O M O L O G Y

IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

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MACROLIDE® SUPRA

PRODUCT IDENTIFICATION

Parameter	Details
Product Name	Macrolide® Supra
Manufacturer	Symrise
Product No.	660539
Chemical Name	Pentadecan-15-olide
CAS Number	106-02-5
EC Number	203-354-6
REACH Number	01-2119987323-31
Chemical Class	Macrocyclic Lactone
Regulatory Framework	IFRA Standards – 51st Amendment

IFRA 51 STATUS

Review of publicly accessible IFRA-related information for:

PENTADECAN-15-OLIDE

CAS 106-02-5

does not identify a material-specific IFRA 51 Standard assigning individual Category 1–12 maximum-use concentrations to Pentadecan-15-olide itself.

Accordingly, the appropriate regulatory statement is:

NO MATERIAL-SPECIFIC IFRA 51 RESTRICTION IDENTIFIED FOR PENTADECAN-15-OLIDE / MACROLIDE® SUPRA ITSELF.

IFRA CATEGORY STATUS

IFRA Category	Status
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AROM OLOGY

Category 1	No material-specific IFRA 51 restriction identified
Category 2	No material-specific IFRA 51 restriction identified
Category 3	No material-specific IFRA 51 restriction identified
Category 4	No material-specific IFRA 51 restriction identified
Category 5A	No material-specific IFRA 51 restriction identified
Category 5B	No material-specific IFRA 51 restriction identified
Category 5C	No material-specific IFRA 51 restriction identified
Category 5D	No material-specific IFRA 51 restriction identified
Category 6	No material-specific IFRA 51 restriction identified
Category 7A	No material-specific IFRA 51 restriction identified
Category 7B	No material-specific IFRA 51 restriction identified
Category 8	No material-specific IFRA 51 restriction identified
Category 9	No material-specific IFRA 51 restriction identified
Category 10A	No material-specific IFRA 51 restriction identified
Category 10B	No material-specific IFRA 51 restriction identified
Category 11A	No material-specific IFRA 51 restriction identified
Category 11B	No material-specific IFRA 51 restriction identified
Category 12	No material-specific IFRA 51 restriction identified

IMPORTANT INTERPRETATION

“No material-specific restriction identified” does not mean unrestricted use at 100%.

Final IFRA compliance must consider:

- Complete fragrance formula
- Other restricted aroma chemicals
- Essential oils and Natural Complex Substances
- Restricted constituents
- Finished-product category
- Fragrance concentration in the finished product
- Skin sensitisation potential
- Current IFRA Standards

SKIN SENSITISATION

Current safety documentation for Pentadecan-15-olide classifies the material as:

Skin Sensitisation Category 1B

H317 – May cause an allergic skin reaction.

Therefore appropriate safety assessment remains necessary even where no material-specific IFRA 51 maximum has been identified.



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SYMRISE RECOMMENDED PERFUMERY USE

Current Symrise technical information gives: 0.5–20% recommended use in fragrance compositions.

This is: PERFUMERY / OLFACTIVE GUIDANCE and not an IFRA restriction.

FINE FRAGRANCE – CATEGORY 4

For fine-fragrance applications such as:

- Extrait de Parfum
- Parfum
- Eau de Parfum
- Eau de Toilette
- Cologne

no separate Macrolide Supra / Pentadecan-15-olide Category 4 numerical restriction has been identified under the reviewed IFRA 51 information.

The finished fragrance must nevertheless comply with all applicable IFRA Standards.

FORMAL DECLARATION

Based on the regulatory information reviewed:

MACROLIDE® SUPRA – SYMRISE
PRODUCT NO. 660539
PENTADECAN-15-OLIDE
CAS 106-02-5

has:

NO MATERIAL-SPECIFIC IFRA 51 RESTRICTION IDENTIFIED.

The finished fragrance formulation must be assessed against all applicable IFRA Standards for the intended product category.

DISCLAIMER

This document is a supplier-style IFRA 51 regulatory declaration.

It is not an original Symrise-issued IFRA Certificate of Conformity or an IFRA-issued certificate.

The latest manufacturer regulatory documentation and current IFRA Standards shall prevail where required for formal regulatory submission.

Authorised by:

Fozia Khot
Director