



A R O M O L O G Y

IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

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GLOBANONE®

PRODUCT IDENTIFICATION

Parameter	Details
Product Name	Globanone®
Manufacturer	Symrise
Symrise Product No.	600317
Chemical Name	Cyclohexadec-8-en-1-one
CAS Number	3100-36-5
EC Number	401-700-2
Molecular Formula	C ₁₆ H ₂₈ O
Molecular Weight	236.4 g/mol
Chemical Class	Macrocyclic Ketone
Applicable Standard	IFRA Standards – 51st Amendment
IFRA Status	RESTRICTED

OFFICIAL IFRA STANDARD

Globanone® is explicitly included in the official IFRA Standard:
CYCLOHEXADECENONE

The IFRA Standard includes CAS: 3100-36-5

and explicitly identifies:
Globanone – Commercial Name

The restriction was introduced under:
FRA 51st Amendment – 2023

IMPLEMENTATION DATES



AROM OLOGY

Application	Date
New fragrance creations	30 March 2024
Existing fragrance creations	30 October 2025

These implementation dates apply to the supply of fragrance mixtures/formulas.

IFRA 51 MAXIMUM ACCEPTABLE CONCENTRATIONS

Maximum concentration of Globanone / Cyclohexadecenone in the finished consumer product

IFRA Category	Maximum Acceptable Concentration
Category 1	0.43%
Category 2	0.23%
Category 3	2.20%
Category 4	4.30%
Category 5A	1.10%
Category 5B	1.10%
Category 5C	0.43%
Category 5D	0.14%
Category 6	0.43%
Category 7A	3.50%
Category 7B	3.50%
Category 8	0.14%
Category 9	8.40%
Category 10A	7.30%
Category 10B	30.00%
Category 11A	0.14%
Category 11B	0.14%
Category 12	NO RESTRICTION

BASIS OF RESTRICTION

The official IFRA Standard identifies the intrinsic properties driving risk management as:

DERMAL SENSITIZATION

and

SYSTEMIC TOXICITY

Maximum acceptable concentrations are based on comprehensive safety assessment.

FORMULATION ASSESSMENT

The manufacturer of the finished fragrance must verify:



A R O M A T I C S

1. Correct IFRA category
2. Globanone concentration in fragrance
3. Fragrance dosage in finished product
4. Final Globanone concentration
5. Contributions from all other restricted ingredients
6. Finished-product toxicological suitability
7. Regional cosmetic and consumer-product legislation

FORMAL DECLARATION

Based on the official IFRA 51 Standard:
GLOBANONE® – SYMRISE
CAS 3100-36-5

is a:
RESTRICTED FRAGRANCE MATERIAL
under the IFRA 51st Amendment.

Maximum Category 4 concentration:
4.30%
in the finished consumer product.

Category 12:
NO RESTRICTION
under this specific IFRA Standard.

IFRA DISCLAIMER

This is a supplier-style IFRA declaration.

The numerical maximum concentrations are taken from the official IFRA 51 Standard for Cyclohexadecenone, which expressly includes CAS 3100-36-5 and Globanone as a commercial name.

This document is not an original Symrise-issued Certificate of Conformity and does not replace assessment of the complete fragrance formula.

Authorised by:

Fozia Khot
Director