



A R O M O L O G Y

IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

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CHRYSANTHEME

Product Identification

Parameter	Details
Product	Chrysantheme
Manufacturer	Symrise
Product No.	600144
CAS	69929-17-5
Chemical Name	1-(2,4-Dimethylcyclohex-3-en-1-yl)-2,2-dimethylpropan-1-one
Formula	C ₁₃ H ₂₂ O
Molecular Weight	194.3 g/mol
Chemical Class	Ketone

Product Status

Chrysantheme is a synthetic fragrance material manufactured by Symrise.

It is not:

- Natural Chrysanthemum Essential Oil
- Chrysanthemum Extract
- Chrysanthemum Absolute
- Botanical Chrysanthemum material



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The word Chrysantheme is the Symrise trade/product name and reflects the material's characteristic chrysanthemum-leaf odour.

IFRA Documentation

Product-specific regulatory documentation is available for:

Chrysantheme – Symrise

CAS 69929-17-5

including an IFRA document.

However, without reproducing an unverified numerical category table from a non-manufacturer source, the safest supplier declaration is:

USE THE CURRENT PRODUCT-SPECIFIC IFRA CERTIFICATE FOR CATEGORY MAXIMUMS

IFRA 51 Category Framework

IFRA Category	Maximum Chrysantheme Level
Category 1	Refer to current product-specific IFRA certificate
Category 2	Refer to current product-specific IFRA certificate
Category 3	Refer to current product-specific IFRA certificate
Category 4	Refer to current product-specific IFRA certificate
Category 5A	Refer to current product-specific IFRA certificate
Category 5B	Refer to current product-specific IFRA certificate
Category 5C	Refer to current product-specific IFRA certificate
Category 5D	Refer to current product-specific IFRA certificate
Category 6	Refer to current product-specific IFRA certificate
Category 7A	Refer to current product-specific IFRA certificate
Category 7B	Refer to current product-specific IFRA certificate
Category 8	Refer to current product-specific IFRA certificate
Category 9	Refer to current product-specific IFRA certificate
Category 10A	Refer to current product-specific IFRA certificate
Category 10B	Refer to current product-specific IFRA certificate
Category 11A	Refer to current product-specific IFRA certificate
Category 11B	Refer to current product-specific IFRA certificate
Category 12	Refer to current product-specific IFRA certificate

Category 4 – Fine Fragrance

Fine fragrance products such as:

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



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• Cologne

generally fall within:

IFRA CATEGORY 4

The applicable Category 4 concentration should be taken from the current product-specific IFRA certificate.

Symrise's recommended:

0.05–3%

is a perfumery-use recommendation and should not be represented as the Category 4 IFRA maximum.

IFRA Compliance

Final IFRA compliance depends on:

- Chrysantheme concentration in the fragrance
- Fragrance concentration in the finished product
- Finished-product IFRA category
- Any restricted impurities/constituents
- Other fragrance materials in the formula
- Cumulative contributions of restricted substances

Declaration

Based on available product-specific information:

- Product: Chrysantheme
- Manufacturer: Symrise
- Product No.: 600144
- CAS: 69929-17-5
- Formula: $C_{13}H_{22}O$
- MW: 194.3 g/mol
- Chemical Class: Ketone
- Synthetic aroma chemical: Yes
- Occurrence in nature: No
- Product-specific IFRA documentation exists.
- Symrise recommends 0.05–3% for perfumery use.
- This recommended range is not automatically an IFRA maximum.
- The current product-specific IFRA certificate should take precedence for formal category limits.

Authorised by:

Fozia Khot
Director