



A R O M O L O G Y

IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

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Cuminyl Nitrile

Product Identification

Item	Details
Product Name	Cuminyl Nitrile
Manufacturer	Synarome
Chemical Name	4-Isopropylbenzonitrile
Alternative Name	p-Isopropylbenzonitrile
Synonym	p-Cyanocumene
CAS Number	13816-33-6
Molecular Formula	C ₁₀ H ₁₁ N
Molecular Weight	145.20 g/mol
Product Type	Synthetic Aroma Chemical
Chemical Family	Aromatic Nitrile
Physical Form	Colourless to Pale Yellow Liquid
Odour Profile	Spicy, Cumin, Dry, Green, Herbaceous

IFRA 51 Status

Based on the IFRA Standards applicable under the 51st Amendment, Cuminyl Nitrile, CAS 13816-33-6, is:

NOT SUBJECT TO AN INGREDIENT-SPECIFIC IFRA RESTRICTION

No dedicated IFRA Restriction, Prohibition or Specification Standard has been identified for Cuminyl Nitrile.

Accordingly, there is no ingredient-specific numerical maximum concentration assigned to Cuminyl Nitrile for IFRA Categories 1–12.



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IFRA Category Assessment

IFRA Category

Category 1

Category 2

Category 3

Category 4

Category 5A

Category 5B

Category 5C

Category 5D

Category 6

Category 7A

Category 7B

Category 8

Category 9

Category 10A

Category 10B

Category 11A

Category 11B

Category 12

Maximum Level / Status

Not Limited by an ingredient-specific IFRA Standard

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Important Identification Note

Cuminy Nitrile is NOT Cinnamyl Nitrile

These two fragrance ingredients must not be confused.

	Cuminy Nitrile	Cinnamyl Nitrile
CAS Number	13816-33-6	1885-38-7 / 4360-47-8
Odour	Cumin, spicy, dry green	Cinnamon-like, spicy
IFRA 51	No ingredient-specific restriction identified	Restricted
Chemical Structure	Isopropylbenzonitrile	Phenylacrylonitrile

Any IFRA limits listed for Cinnamyl Nitrile must not be applied to Cuminy Nitrile.

Interpretation of “Not Limited”

“Not Limited” does not mean that 100% use in a finished consumer product is automatically considered appropriate or safe.



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The finished formulation must still be evaluated for:

- Overall toxicological safety
 - Skin and eye irritation
 - Sensitisation
 - Intended consumer exposure
 - Product application
 - Other IFRA-restricted ingredients
 - Restricted impurities
 - Applicable cosmetic legislation
 - Good Manufacturing Practice
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Finished Fragrance Compliance

When Cuminylnitrile is incorporated into a fragrance composition, the responsible fragrance manufacturer must assess:

1. Cuminylnitrile concentration.
 2. Fragrance dosage in the finished product.
 3. Correct IFRA finished-product category.
 4. All other restricted aroma chemicals.
 5. Natural complex substances and their restricted constituents.
 6. Potential impurities.
 7. Finished-product toxicological safety.
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Declaration

Based on the available IFRA 51 information:

- Product: Cuminylnitrile
 - CAS Number: 13816-33-6
 - Cuminylnitrile is listed as a fragrance ingredient by IFRA.
 - No dedicated ingredient-specific IFRA Standard has been identified under the 51st Amendment.
 - No numerical category-specific IFRA maximum is therefore assigned in this raw-material declaration.
 - The material should be used according to Good Manufacturing Practice.
 - Final IFRA compliance must be established from the complete fragrance formulation.
 - This statement does not replace a current original Synarome regulatory declaration.
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Authorised by:

Fozia Khot
Director