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IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

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OCTANE NITRILE (ALDINYLE 3884)

PRODUCT INFORMATION

Product Name: Octane Nitrile
Chemical Name: Octanenitrile
Alternative Names: Caprylonitrile / Caprylnitrile / Heptyl Cyanide / 1-Cyanoheptane
CAS Number: 124-12-9
EC / EINECS Number: 204-682-2
Product Code: 085074
Molecular Formula: C₈ H₁₅ N
Molecular Weight: 125.21 g/mol

Product Type: Synthetic Aroma Chemical / Perfumery Raw Material
Intended Use: Ingredient used in fragrance preparations
Olfactive Profile: Floral • Aldehydic • Orris • Fresh

IFRA 51 STATUS

This declaration has been prepared with reference to the IFRA Standards up to and including the 51st Amendment and available safety information for Octanenitrile, CAS 124-12-9.

Octanenitrile is recognized as a fragrance ingredient by IFRA-related databases.

RECOMMENDED MAXIMUM USE LEVEL

Maximum Recommended Level: 2.00% in the fragrance concentrate

Available RIFM/IFRA-related safety information for Octanenitrile reports a recommended usage level of:

Up to 2.0000% in the fragrance concentrate.



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IFRA CATEGORY STATUS

A verified IFRA 51 category-by-category certificate for this specific material was not located. Therefore, I would not invent separate Category 1–12 percentages.

For the Aromology document, use:

IFRA Parameter	Maximum / Status
Recommended Maximum in Fragrance Concentrate	2.00%
Category 1	Subject to overall 2.00% recommendation
Category 2	Subject to overall 2.00% recommendation
Category 3	Subject to overall 2.00% recommendation
Category 4 – Fine Fragrance	2.00% maximum recommended in fragrance concentrate
Categories 5A–5D	Subject to overall 2.00% recommendation
Category 6	Subject to overall 2.00% recommendation
Categories 7A–7B	Subject to overall 2.00% recommendation
Category 8	Subject to overall 2.00% recommendation
Category 9	Subject to overall 2.00% recommendation
Categories 10A–10B	Subject to overall 2.00% recommendation
Categories 11A–11B	Subject to overall 2.00% recommendation
Category 12	Subject to overall 2.00% recommendation

Important: The 2.00% figure is a fragrance-concentrate recommendation, not a verified IFRA 51 category-specific maximum for every finished-product category.

CATEGORY 4 – FINE FRAGRANCE

Applicable to:

Parfum • Extrait de Parfum • Eau de Parfum • Eau de Toilette • Cologne

Recommended Maximum Level in Fragrance Concentrate: 2.00%

This means that, for a fragrance concentrate weighing 100 g:

Maximum recommended Octanenitrile: 2.0 g

The actual concentration in the finished consumer product will depend upon the percentage of fragrance concentrate incorporated into that product.

IFRA 51 CONFORMITY STATEMENT



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We hereby declare that:

OCTANENITRILE (ALDINYLE 3884)

CAS Number: 124-12-9

EC / EINECS Number: 204-682-2

is a synthetic aroma chemical intended for use as an ingredient in fragrance preparations.

The material has been reviewed with reference to available IFRA/RIFM safety information and the IFRA Standards up to and including the 51st Amendment.

The available safety-use information recommends:

MAXIMUM USE LEVEL: 2.00% IN THE FRAGRANCE CONCENTRATE

Final IFRA compliance of a fragrance formulation remains dependent upon the complete composition of the fragrance, the intended finished-product category and all other applicable IFRA Standards.

SAFETY / REGULATORY INFORMATION

The supplied SDS identifies the product under Regulation (EC) No. 1272/2008 and states:

EUH210 – Safety data sheet available on request.

It also reports no endocrine disruptors under the referenced REACH criteria, no SVHC substances, and states that the material does not meet the PBT or vPvB mixture criteria.

DISCLAIMER

This document is an Aromology supplier regulatory declaration prepared using the available product-specific documentation and publicly available IFRA/RIFM-related safety information for Octanenitrile (CAS 124-12-9).

The 2.00% level is an available recommended use level in the fragrance concentrate and should not be represented as a manufacturer-issued IFRA 51 category-specific limit. Where a manufacturer-issued IFRA certificate or more recent product-specific regulatory document provides a different limit, that document shall prevail.

Authorised by:

Fozia Khot

Director