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IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Website: www.aromology.com

Email: info@aromology.com

Methyl Octalactone

PRODUCT INFORMATION

Product Name: Methyl Octalactone
Product Type: Perfumery Aroma Chemical

CAS Number: 39212-23-2
EC Number: 254-357-4

Supplier Product Code: MOCT-1
IFRA Amendment: 51st Amendment

Original Certificate Date: 18 March 2024
Chemical Name: 5-Butyldihydro-4-methylfuran-2(3H)-one
Product Use: Fragrances, cosmetics and flavour applications, subject to applicable regulations.

IFRA CONFORMITY DECLARATION

Based on the original manufacturer's certificate, Methyl Octalactone (MOCT-1) conforms to the Standards of the International Fragrance Association (IFRA), 51st Amendment, at the maximum concentration levels stated below.

The supplier reports no components subject to IFRA restrictions in the relevant constituent declaration.

IFRA MAXIMUM USAGE LEVELS

IFRA Category	Product Application	Maximum Usage
Category 1	Lip products and children's toys	100%
Category 2	Deodorants and antiperspirants	100%
Category 3	Eye products and facial makeup	100%
Category 4	Fine fragrances, perfumes and aftershaves	100%

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Category 5A	Body creams, lotions and oils	100%
Category 5B	Facial moisturisers and creams	100%
Category 5C	Hand creams, nail products and sanitisers	100%
Category 5D	Baby creams, lotions and oils	100%
Category 6	Toothpaste, mouthwash and oral care	100%
Category 7A	Rinse-off hair treatments	100%
Category 7B	Leave-on hair products	100%
Category 8	Intimate hygiene products	100%
Category 9	Rinse-off body and cleansing products	100%
Category 10A	Household cleaners and non-aerosol products	100%
Category 10B	Household aerosol and spray products	100%
Category 11A	Minimal-transfer products without UV exposure	100%
Category 11B	Minimal-transfer products with potential UV exposure	100%
Category 12	Candles, incense and non-skin-contact products	100%

All 18 category values are reproduced from pages 2–4 of the supplier's certificate.

IFRA RESTRICTED COMPONENTS

Parameter	Supplier Declaration
Components subject to IFRA restrictions	None reported
Restricted constituent concentration	Not applicable
IFRA 51st Amendment conformity	Declared compliant
Maximum level in each listed category	100%

IMPORTANT CONDITIONS OF USE

The 100% values are the supplier's stated IFRA limits. They do not establish that using undiluted Methyl Octalactone in a finished cosmetic or fragrance is safe or appropriate.
Finished-product manufacturers remain responsible for evaluating toxicological safety, intended use, ingredient suitability and applicable regulatory requirements.
For oral applications, separate flavour-related compliance requirements may apply.

DISCLAIMER

The information is provided for regulatory reference and formulation assessment.
This document does not replace a finished-product safety assessment or establish compliance with every applicable national or regional regulation.
AROMOLOGY has not independently verified the supplier's IFRA assessment.

Authorised by:
Fozia Khot
Director