



A R O M O L O G Y

IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

Supplier

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PRODUCT INFORMATION

Item	Details
Product Name	Maple Lactone Crystals
Chemical Name	2-Hydroxy-3-methyl-2-cyclopenten-1-one
Alternative Chemical Name	3-Methylcyclopentane-1,2-dione
Synonyms	Methyl Cyclopentenolone, Cyclotene, Corylon
CAS Number	80-71-7
EC Number	201-303-2
FEMA Number	2700
Molecular Formula	C ₆ H ₈ O ₂
Molecular Weight	112.13 g/mol
Physical Form	Crystals / crystalline powder
Product Type	Individual Aroma Chemical
Applicable Standard	IFRA Standards – 51 st Amendment

IFRA STATUS

Maple Lactone is an individual aroma chemical used in fragrance compositions for its powerful maple syrup, caramelised sugar, roasted and gourmand character.

Based on available regulatory information, no specific IFRA Standard prohibiting or independently restricting Maple Lactone under CAS 80-71-7 has been identified under the IFRA Standards, 51st Amendment.

Accordingly, no material-specific IFRA maximum-use level is assigned in this representative certificate.

IFRA CATEGORY LIMITS



AROMOLGY

IFRA Category

Maximum Permitted Level

Category 1	Not restricted by a specific IFRA Standard
Category 2	Not restricted by a specific IFRA Standard
Category 3	Not restricted by a specific IFRA Standard
Category 4	Not restricted by a specific IFRA Standard
Category 5A	Not restricted by a specific IFRA Standard
Category 5B	Not restricted by a specific IFRA Standard
Category 5C	Not restricted by a specific IFRA Standard
Category 5D	Not restricted by a specific IFRA Standard
Category 6	Not restricted by a specific IFRA Standard
Category 7A	Not restricted by a specific IFRA Standard
Category 7B	Not restricted by a specific IFRA Standard
Category 8	Not restricted by a specific IFRA Standard
Category 9	Not restricted by a specific IFRA Standard
Category 10A	Not restricted by a specific IFRA Standard
Category 10B	Not restricted by a specific IFRA Standard
Category 11A	Not restricted by a specific IFRA Standard
Category 11B	Not restricted by a specific IFRA Standard
Category 12	Not restricted by a specific IFRA Standard

“Not restricted by a specific IFRA Standard” does not mean that unrestricted use is automatically suitable or safe for every application.

CONDITIONS OF USE

The material may be used in fragrance formulations provided that:

- The complete fragrance formula complies with all applicable IFRA Standards.
- The correct finished-product category is selected.
- Contributions from all restricted fragrance ingredients are calculated.
- Toxicological, sensitisation and product-safety considerations are observed.
- The finished product complies with applicable local legislation.
- The manufacturer’s current IFRA documentation is reviewed where available.

CERTIFICATION

Based on available information, Maple Lactone Crystals are not subject to a specific IFRA prohibition or quantitative restriction under the IFRA Standards, 51st Amendment.



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This certificate applies only to Maple Lactone Crystals represented by CAS 80-71-7 and does not apply to mixtures, dilutions or preparations containing other ingredients.

CONCLUSION

NO SPECIFIC IFRA MAXIMUM-USE LEVEL IDENTIFIED

Final IFRA compliance must be established from the complete fragrance formulation and its intended product category.

The original manufacturer's current IFRA Certificate or conformity statement shall always take precedence.

Document Information	Details
Document Type	IFRA Certificate
Amendment	51st Amendment
Version	1.0
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Authorised by:
Fozia Khot
Director