



A R O M O L O G Y

IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

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Calone 1951®

PRODUCT INFORMATION

Product Name: Calone 1951®

Manufacturer: Firmenich

Product Code: 918970

Chemical Name: 7-Methyl-2H-benzo-1,5-dioxepin-3(4H)-one

CAS Number: 28940-11-6

EC Number: 249-320-4

Product Type: Synthetic Aroma Chemical / Perfumery Raw Material

IFRA CONFORMITY

This declaration is based on the Firmenich IFRA Certificate of Conformity for CALONE® 918970, which confirms compliance with the IFRA Standards up to and including the 51st Amendment, published June 2023. The Firmenich certificate was revised 10 November 2023, issued 14 October 2024, reference 23808083.

IFRA 51 MAXIMUM USE LEVELS

IFRA Category	Maximum Level of Use
Category 1	NOT PERMITTED
Category 2	NO RESTRICTION
Category 3	NO RESTRICTION
Category 4	NO RESTRICTION
Category 5A	NO RESTRICTION
Category 5B	NO RESTRICTION
Category 5C	NO RESTRICTION
Category 5D	NO RESTRICTION
Category 6	NOT PERMITTED



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IFRA Category	Maximum Level of Use
Category 7A	NO RESTRICTION
Category 7B	NO RESTRICTION
Category 8	NO RESTRICTION
Category 9	NO RESTRICTION
Category 10A	NO RESTRICTION
Category 10B	NO RESTRICTION
Category 11A	NO RESTRICTION
Category 11B	NO RESTRICTION
Category 12	NO RESTRICTION

These are the levels stated in the Firmenich IFRA 51 certificate. Categories 1 and 6 are Not Permitted; Categories 2–5D and 7A–12 have No Restriction.

IFRA 51 STATUS: NO RESTRICTION

This should not be confused with Firmenich's recommended formulation concentration. Firmenich's technical sheet gives approximately 0.2–0.7% as its recommended fine-fragrance concentration; that is a formulation recommendation rather than an IFRA maximum.

IFRA-RESTRICTED CONSTITUENTS

Ingredients/Substances Banned by IFRA: None reported

Ingredients/Substances Subject to Quantitative IFRA Limitations: None reported

Substances with Potential to Form Nitrosamines: None

The Firmenich certificate leaves the banned/restricted constituent tables empty and expressly reports NONE for potential nitrosamine-forming substances.

DOCUMENT CONTROL

Document Type: IFRA 51 Certificate of Conformity

Product: Calone 1951® – Ozone & Marine

Product Code: 918970

CAS: 28940-11-6

Manufacturer: Firmenich

IFRA Amendment: 51st Amendment

Supplier: Aromology

Issue Date: 30 August 2026

Authorised by:

Fozia Khot

Director