



IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

Supplier: Aromology
Product Name: Musk Ketone
Chemical Name: 4-tert-Butyl-2,6-dimethyl-3,5-dinitroacetophenone
CAS Number: 81-14-1
EC Number: 201-328-9
FEMA Number: 2726
Product Type: Aroma Chemical (Nitro Musk)
Country of Origin: China

IFRA Statement

This certificate confirms that Musk Ketone has been evaluated in accordance with the International Fragrance Association (IFRA) Standards, 51st Amendment (June 2023).

Musk Ketone is a synthetic nitro musk used as a fragrance ingredient and fixative. Due to regulatory restrictions on nitro musks, its use is governed by IFRA Standards, Good Manufacturing Practice (GMP) and applicable cosmetic regulations. Compliance of the finished fragrance must be verified before placing products on the market.

IFRA 51st Amendment Maximum Use Levels

IFRA Class	Finished Product Category	Maximum Use Level (%)
Class 1	Lip Products	0.03
Class 2	Deodorants & Antiperspirants	0.40
Class 3	Eye Products	0.03
Class 4	Fine Fragrance	1.00
Class 5A	Body Lotion	0.40
Class 5B	Face Creams	0.10
Class 5C	Hand Creams	0.40
Class 5D	Baby Products	0.05
Class 6	Oral Care Products	Not Recommended
Class 7A	Rinse-Off Hair Products	0.50
Class 7B	Leave-On Hair Products	0.40
Class 8	Intimate Care Products	0.10
Class 9	Rinse-Off Products	0.50
Class 10A	Household Care Products	GMP
Class 10B	Air Care Products	GMP



IFRA Class	Finished Product Category	Maximum Use Level (%)
Class 11A	Products with Minimal Skin Transfer	GMP
Class 11B	Products with Minimal Skin Transfer & UV Exposure	GMP
Class 12	Non-Skin Contact Products	GMP

Restricted Constituents

Constituent	CAS Number	Typical Presence
Musk Ketone	81-14-1	≥98%

Prohibited Materials

Material	Status
IFRA Prohibited Substances	None

Statement of Conformity

Aromology certifies that Musk Ketone complies with the International Fragrance Association (IFRA) Standards, 51st Amendment (June 2023) when used within the concentration limits stated in this certificate.

Due to regional regulatory restrictions applicable to nitro musks, users are responsible for ensuring compliance with the cosmetic, detergent and chemical regulations applicable in the country where the finished product will be marketed.

The manufacturer of the finished fragrance remains responsible for ensuring that the complete formulation complies with all applicable IFRA Standards and local regulatory requirements.

Certificate Information

Parameter	Details
IFRA Amendment	51st Amendment
Publication Date	June 2023
Document Type	IFRA Conformity Certificate
Issue Date	20 August 2025
Review Date	20 August 2027
Status	Compliant when used within the stated limits



Authorisation

Approved By: Fozia Khot

Title: Director

Company: Aromology Trading LLC

Supplier Details

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