



A R O M O L O G Y

IFRA COMPLIANCE STATEMENT

IFRA Standards – 51st Amendment

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Zanthoxylum Organic Essential Oil

PRODUCT INFORMATION

Product Name: Zanthoxylum Organic Essential Oil
Botanical Name: *Zanthoxylum armatum* D.C.
CAS Number: 91770-90-0

Country of Origin: Nepal
Extraction Method: Steam Distillation
Product Type: Natural Essential Oil / Perfumery Raw Material

IFRA COMPLIANCE

Applicable Standard: IFRA Standards – 51st Amendment
Product-specific third-party documentation for *Zanthoxylum armatum* Essential Oil reports IFRA 51 conformity.

IFRA 51 MAXIMUM USE LEVELS

The available certificate gives application-specific limits within some categories rather than one universal percentage for every category. For that reason, the relevant application must be considered.

IFRA Category / Application	Maximum Level
Category 1 – Toys / Lip Products	NOT SUITABLE
Category 2 – Deodorants / Antiperspirants / Body Spray	1.0000%
Category 3 – Eye Products	0.5000%
Category 3 – Facial Mask / Make-up / Tissues	1.0000%
Category 4 – EdT / Colognes, Unshaved Skin	10.0000%
Category 4 – Fine Fragrance, Unshaved Skin	25.0000%
Category 4 – Fragrancing Creams, excluding baby products	10.0000%



AROM OLOGY

These values are reported in the available product-specific Zanthoxylum Armatum Essential Oil IFRA 51 certificate.

CATEGORY 4 – FINE FRAGRANCE

For Fine Fragrance on unshaved skin, the available product-specific certificate reports:
MAXIMUM USE LEVEL: 25.0000%

For Eau de Toilette / Cologne on unshaved skin, the certificate reports:
MAXIMUM USE LEVEL: 10.0000%

This distinction is important, so the 25% value should not simply be applied to every Category 4 application.

NATURAL COMPOSITION CONSIDERATIONS

Zanthoxylum essential oil is a naturally complex substance whose composition varies according to origin, harvest and distillation.

Research on Nepalese *Zanthoxylum armatum* oils confirms significant natural compositional variation, with linalool, limonene, beta-phellandrene and methyl cinnamate among the major constituents.

The finished-product manufacturer should therefore consider the actual batch composition where available.

DECLARATION

We hereby declare that:

ZANTHOXYLUM ORGANIC ESSENTIAL OIL

Botanical Name: *Zanthoxylum armatum* D.C.

CAS Number: 91770-90-0

Origin: Nepal

has been reviewed with reference to the IFRA Standards – 51st Amendment.

The maximum concentrations stated above apply to the finished consumer product for the specified application.

The manufacturer of the finished fragrance or cosmetic product remains responsible for evaluating the complete formulation and ensuring compliance with applicable IFRA Standards.

Authorised by:

Fozia Khot
Director