



EU ALLERGEN DECLARATION CERTIFICATE

In accordance with Regulation (EC) No. 1223/2009 (as amended) – Annex III (EU Cosmetic Regulation)

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Scentolide

Product Identification

Item	Details
Product Name	Scentolide
Manufacturer	Synarome
Chemical Name	(Z)-7-Hexadecen-16-olide
Alternative Name	cis-Isoambrettolide
CAS Number	28645-51-4
EC Number	249-120-7
Molecular Formula	C ₁₆ H ₂₈ O ₂
Molecular Weight	252.39 g/mol
Product Type	Synthetic Aroma Chemical
Chemical Family	Macrocyclic Lactone
Odour Profile	Musk, ambrette, blackberry, red berries

EU Fragrance Allergen Status

Based on the chemical identity:

Scentolide – CAS 28645-51-4

Scentolide itself is not identified as an individually declarable fragrance allergen under the EU fragrance-allergen labelling provisions.

Therefore:



SCENTOLIDE ITSELF IS NOT AN EU DECLARABLE FRAGRANCE ALLERGEN

The material is a discrete synthetic macrocyclic lactone rather than a natural essential oil, absolute or botanical extract.

Representative EU Allergen Assessment

EU Declarable Fragrance Allergen	Expected Status
Alpha-Isomethyl Ionone	Not expected
Amyl Cinnamal	Not expected
Amyl Salicylate	Not expected
Amylcinnamyl Alcohol	Not expected
Anethole	Not expected
Anise Alcohol	Not expected
Benzaldehyde	Not expected
Benzyl Alcohol	Not expected
Benzyl Benzoate	Not expected
Benzyl Cinnamate	Not expected
Benzyl Salicylate	Not expected
Camphor	Not expected
Cinnamal	Not expected
Cinnamyl Alcohol	Not expected
Citral	Not expected
Citronellol	Not expected
Coumarin	Not expected
Eugenol	Not expected
Farnesol	Not expected
Geraniol	Not expected
Hexyl Cinnamal	Not expected
Hydroxycitronellal	Not expected
Isoeugenol	Not expected
Limonene	Not expected
Linalool	Not expected
Menthol	Not expected
Methyl 2-Octynoate	Not expected
Methyl Salicylate	Not expected
Evernia prunastri Extract	Not expected
Evernia furfuracea Extract	Not expected

Important



“Not expected” is based on the identity of the high-purity aroma chemical and is not equivalent to analytical confirmation of 0.0000% in every commercial batch.

Expanded EU Allergens – Regulation (EU) 2023/1545

Regulation (EU) 2023/1545 substantially expanded the number of fragrance allergens requiring individual labelling.

Based on its chemical identity, Scentolide itself is not one of the individually declarable fragrance allergens introduced by the expanded requirements.

The current Synarome quantitative declaration should nevertheless be consulted to confirm any trace levels arising from:

- Manufacturing impurities
- Residual starting materials
- Stabiliser
- Solvent or carrier
- Process-related impurities

where applicable.

Berry Odour Does Not Mean Berry Extract

Scentolide has characteristic:

- Blackberry
- Red berry
- Fruity

olfactory nuances.

These descriptors refer to its odour profile.

They do not mean that Scentolide contains:

- Blackberry extract
- Raspberry extract
- Strawberry extract
- Berry essential oil
- Fruit concentrate

No natural fruit allergen contribution should therefore be inferred solely from the berry odour description.

Ambrette Character



Likewise, the characteristic ambrette-seed musk effect describes the olfactory character of Scentolide.

It does not establish that the commercial product contains natural ambrette seed oil.

Scentolide is identified chemically as a macrocyclic lactone aroma material.

Raw Material Allergen Declaration

Parameter	Declaration
Product	Scentolide
Manufacturer	Synarome
CAS	28645-51-4
EC	249-120-7
Synthetic Aroma Chemical	Yes
Macrocyclic Musk	Yes
Natural Berry Extract	No evidence from chemical identity
Natural Essential Oil	No
Scentolide itself an EU declarable fragrance allergen	No identified listing
Expected EU fragrance allergens	None from the chemical identity itself
Quantitative trace confirmation	Current Synarome declaration should take precedence

Finished Cosmetic Declaration Thresholds

Where another ingredient contributes an individually declarable EU fragrance allergen, the applicable finished-cosmetic thresholds are:

Finished Cosmetic Type	Declaration Threshold
Leave-on Products	0.001%
Rinse-off Products	0.01%

These thresholds concern regulated fragrance allergens in the finished cosmetic and do not constitute maximum-use levels for Scentolide itself.

Finished Product Assessment

Although Scentolide itself is not identified as an individually declarable EU fragrance allergen, the complete perfume may contain allergens from:

- Essential oils
- Absolutes



- CO₂ extracts
- Other aroma chemicals
- Fragrance bases
- Natural extracts
- Solvents and carriers

The concentration of each declarable allergen must be calculated cumulatively from all sources.

Declaration

Based on the available chemical and regulatory information:

- Product: Scentolide
- Manufacturer: Synarome
- CAS: 28645-51-4
- EC: 249-120-7
- Chemical identity: cis-Isoambrettolide / (Z)-7-hexadecen-16-olide
- Molecular Formula: C₁₆ H₂₈ O₂
- Molecular Weight: 252.39 g/mol
- Chemical Family: Macrocyclic Lactone Musk
- Scentolide itself is not identified as an individually declarable EU fragrance allergen.
- Its blackberry and red-berry character is an odour description and does not imply the presence of berry extracts.
- No blanket analytical claim of 0.0000% for every EU allergen is made without the current Synarome quantitative declaration.
- Final cosmetic labelling must be determined from the complete fragrance formulation.
- The cosmetic manufacturer or EU Responsible Person remains responsible for final compliance.

This declaration applies specifically to Scentolide – Synarome, CAS 28645-51-4, and does not independently certify a finished perfume or cosmetic product.

Authorised by:

Fozia Khot
Director