

PSEUDOMETHYLIONONE
(7,11-DIMETHYL-4,6,10-DODECATRIEN-3-ONE)

CAS N°: 26651-96-7

Empirical formula: C₁₄H₂₂O
CH₃-CH₂-CO-CH=CH-CH=
C(CH₃)-CH₂-CH₂-CH=C(CH₃)-CH₃

Synonyms: 2,6-Dimethyldodeca-2,6,8-trien-10-one
4,6,10-Dodecatrien-3-one, 7,11-dimethyl-

History: Initial reviews: February 1979, October 1979, April 1989

Current revision date: September 2002

Implementation date: for new submissions*: Not applicable

for existing fragrance compounds*: Not applicable

Next review date: Not applicable

* This date applies to the supply of fragrance compounds (formulas) only, not to the finished products in the marketplace.

STANDARD: PROHIBITED – Should not be used as a fragrance ingredient.

RESTRICTIONS:

Limits in the finished product:

Skin-contact products:

Leave-on products: Not applicable Rinse-off products: Not applicable
including household cleaning products

Non skin-contact products: Not applicable

Note box: Pseudomethylionone should not be used as fragrance ingredient as such, but a level of up to 2% as an impurity in methylionones is accepted.

Fragrance material specification: Not applicable

Contribution from other sources: None to consider (see also the note on contributions from other sources in the Introduction to the IFRA Standards)

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ONE)**

Critical effect: **Sensitization**

Rexpan Rationale / Conclusion:

IFRA ban noted – REXPAN, September 2002.

References:

Opdyke, D.L.J. (1975), Food and Cosmetics Toxicology 13, 863.

Ford R.A. et al. (1988), Food and Chemical Toxicology 26, 305 and 413.