

**$\alpha$ -METHYL ANISYLIDENE ACETONE**

**CAS N°:** 104-27-8

**Empirical formula:** C<sub>12</sub>H<sub>14</sub>O<sub>2</sub>  
H<sub>3</sub>CO-C<sub>6</sub>H<sub>4</sub>-CH=CH-CO-CH<sub>2</sub>-CH<sub>3</sub>

**Synonyms:** 1-(p-Methoxyphenyl)-1-penten-3-one  
p-Methoxystyryl ethyl ketone  
 $\alpha$ -Methylanisalacetone  
1-Penten-3-one, 1-(4-(methoxyphenyl)-  
Ethone

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**History:** Initial reviews: November 1977, May 1980

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.

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**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

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**Note box:**

**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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**Critical effect:**      **Sensitization**

**Rexpan Rationale / Conclusion:**

IFRA ban noted – REXPAN, September 2002.

**References:**

Opdyke, D.L.J. (1979), Food and Chemical Toxicology 17, 863.

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