

**trans-2-HEXENAL DIMETHYL ACETAL**

**CAS N°:** 18318-83-7

**Empirical formula:** C<sub>8</sub>H<sub>16</sub>O<sub>2</sub>  
CH<sub>3</sub>-CH<sub>2</sub>-CH<sub>2</sub>-CH=CH-CH(OCH<sub>3</sub>)<sub>2</sub>

**Synonyms:** 1,1-Dimethoxy-trans-2-hexene  
2-Hexene, 1,1-dimethoxy-, (2E)-

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**History:** Initial reviews: February 1985, 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.

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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)

**t r a n s - 2 - H E X E N A L   D I M E T H Y L   A C E T A L**

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

**Rexpan Rationale / Conclusion:**

IFRA ban noted – REXPAN, September 2002.

**References:**

Ford, R.A.. et al (1988), Food and Chemical Toxicology 26, 347.

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