2,4-UNDECADIENAL

CAS N°: 13162-46-4
(Including all geometric isomers)

Empirical formula: $C_{11}H_{18}O$

Synonyms: N/A

History:

Initial reviews:	New Standard	
Current revision date:	2009	
Implementation date:	for new submissions*:	August 7, 2009
	for existing fragrance compounds*:	August 7, 2010
Next review date:	N/A	

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

Standard: **PROHIBITED**

RESTRICTIONS:

Limits in the finished product:

Skin-contact products:

Leave-on products: N/A

Rinse-off products: N/A
including household cleaning products

Non skin-contact products: N/A

Note box:

Fragrance material specification: N/A

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

Critical effect: **Insufficient Data**

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REXPAN Rationale / Conclusion:

The material has been reviewed by the RIFM Expert Panel with the conclusion that it should not be used as or in fragrance ingredients until additional data is available and considered sufficient to support its safe use.
This conclusion is based on:
1) presence of structural alerts as defined in the Human Health Criteria Document (Ford et al., 2000) and/or
2) adverse data on the material itself and/or
3) adverse data for a structurally related material.

References:
Human Health Criteria Document, *Regulatory Toxicology and Pharmacology*, 31, 166-181, 2000