Massoia lactone

CAS N°: 54814-64-1 **Empirical formula:** $C_{10}H_{16}O_2$

Synonyms: 2-Decen-1,5-lactone
(-)-2-Decenoic acid, 5-hydroxy, δ-lactone
(R)-5,6-Dihydro-6-pentyl-2H-pyran-2-one
5,6-Dihydro-6-pentyl-2H-pyran-2-one
5-Hydroxy-2-decenoic acid δ-lactone
2H-Pyran-2-one, 5,6-dihydro-6-pentyl-, (R)-
Massoi lactone

History:

Initial reviews:	N/A	
Current revision date:	N/A	
Implementation date:	For new submissions*:	N/A
	For existing fragrance compounds*:	N/A
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:
The material had been on the list of 'other materials' before, which for reasons of a unified Standard format for prohibited materials was disbanded.

Fragrance material specification: N/A

Contribution from other sources: N/A

Critical effect: See Note box

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

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References:

Human Health Criteria Document, *Reg. Tox & Pharm*., 31, 166-181, 2000