

cis- and trans-Asarone

CAS N°:	2883-98-9	Empirical formula:	C ₁₂ H ₁₆ O ₃
	5273-86-9		Structure:
			<p>Trans:</p> <p>Cis:</p>

Synonyms:	<p>α-Asarone Asarone ((E)-and (Z)-2,4,5-Trimethoxypropen-1-yl benzene) <i>trans</i>-Asarone Benzene, 1,2,4-trimethoxy-5-(1-propenyl)-, (E)- <i>trans</i>-Isoasarone</p>
	<p>β-Asarone <i>cis</i>-β-Asarone Benzene, 1,2,4-trimethoxy-5-(1-propenyl)-, (Z)- <i>cis</i>-Isoasarone</p>

History:	Initial reviews:	December 1991		
	Current revision date:	Not applicable		
	Implementation date:	For new submissions*:	Not applicable	
		For existing fragrance compounds*:	December 1991	
	Next review date	Not applicable		

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

RECOMMENDATION:	PROHIBITED / RESTRICTED
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RESTRICTIONS:

Limits in the finished product:			
<u>Skin contact products:</u>			
Leave on products:	N/A	Rinse-off products:	N/A
		<i>Including household cleaning products</i>	
<u>Non skin contact products:</u>	N/A		
Note box:			
<p>cis- and trans-Asarone as such should not be used as fragrance ingredients; essential oils containing cis- or trans-asarone (e.g. calamus oils) should not be used at a level such that the total concentration of cis- and trans-asarone exceeds 0.01% in consumer products. This recommendation is based on similar biological effects to those of safrole (R.W. Wiseman, E.C. Miller et al. (1987), Cancer Res. 47,2275-2283).</p>			
Fragrance material specifications:		N/A	

CONTRIBUTION FROM OTHER SOURCES:

N/A

CRITICAL EFFECT: SEE NOTE BOX

REXPAN RATIONALE / CONCLUSION:

N/A

REFERENCES:

N/A