

Safrole, Isosafrole, Dihydrosafrole

CAS-No.:	94-59-7	Empirical formula:	Not applicable.
Structure:			
Synonyms:			

History:	Initial reviews:	October 1976, July 1987	
	Current revision date:	Not applicable	
	Implementation dates:	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

RECOMMENDATION:	PROHIBITED / RESTRICTED
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RESTRICTIONS:

Limits in the finished product:			
<u>Skin contact products:</u>			
Leave on products:	0.01%	Rinse-off products::	0.01%
		<i>Including household cleaning products</i>	
<u>Non skin contact products:</u>	0.01%		
Note box:			
Fragrance material specifications:		<p>Safrole as such should not be used as a fragrance ingredient; essential oils containing safrole should not be used at a level such that the total concentration of safrole exceeds 0.01% in consumer products. Examples of essential oils with a high safrole content are Sassafras oil (Sassafras officinale Nees& Eberm.), Ocotea Cymbarum oil (Ocotea pretiosa Metz) and certain qualities of Camphor oils.</p> <p>The total concentration of safrole, isosafrole</p>	

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and dihydrosafrole should not exceed 0.01% in consumer products.

CONTRIBUTION FROM OTHER SOURCES:

N/A

CRITICAL EFFECT:**REXPAN RATIONALE/CONCLUSION****REFERENCES:**

These recommendations are based on the conclusions of the Scientific Committee on Cosmetology of the EEC on safrole and on the similarity of the biological activity of these substances (Scientific Committee of Cosmetology of the EEC, opinion reached on September 2, 1980; Communication to the EEC Commission ENV/521/79 and IARC Monograph Vol. 10, 1976, 231-244).