

1,2,3,4-Tetrahydro-4-methylquinoline

CAS N°:	19343-78-3	Empirical formula:	C ₁₀ H ₁₃ N
		Structure:	
Synonyms:	4-Methyl-1,2,3,4-tetrahydroquinoline Quinoline, 1,2,3,4-tetrahydro-4-methyl- 1,2,3,4-Tetrahydrolepidine 1,2,3,4-Tetrahydro-4-methylquinoleine		

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	2014		

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

RECOMMENDATION:	PROHIBITED
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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:			
The material has been identified for having the potential of forming nitrosamines in nitrosating systems. Downstream users therefore have to be notified of the presence of the material and its potential to be able to consider adequate protective measures.			
Fragrance material specifications:	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:	POTENTIAL OF NITROSAMINE FORMATION
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REXPAN RATIONALE / CONCLUSION:

IFRA measures regarding potential nitrosamine formation noted - REXPAN April 2009.

REFERENCES:

Nitrosamine policy as contained in the EU Cosmetics Directive 76/768/EEC and its Amendments.