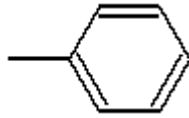


Toluene

CAS N°:	108-88-3	Empirical formula:	C ₇ H ₈
Structure:			
Synonyms:	Toluol Methylbenzol Methylbenzene		

History:	Initial reviews:	Not applicable		
	Current revision date:	October 2003		
	Implementation date:	For new submissions*:	May 6, 2004	
		For existing fragrance compounds*:	May 6, 2005	
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

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 <u>should not</u> be used as fragrance ingredient for <u>any</u> application.			
Fragrance material specifications:		The level of toluene has to be kept as low as practicable and should never exceed 100 ppm in the fragrance compound.	

CONTRIBUTION FROM OTHER SOURCES:

N/A

CRITICAL EFFECT:

LIVER TOXICITY

REXPAN RATIONALE / CONCLUSION:

IFRA ban noted - REXPAN, October 15, 2003

REFERENCES:

1) Cosmetic Ingredient Review, Journal of the American College of Toxicology JACT 6 (1) 1987.

2) IARC (International Agency for Research on Cancer) Monographs Vol 47, p .79 (1989); Vol 71 p. 829 (1999)