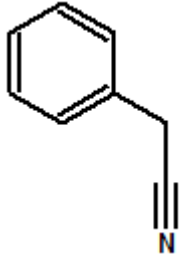


Benzyl cyanide

CAS N°:	140-29-4	Empirical formula:	C ₈ H ₇ N
Structure:			
Synonyms:	Benzeneacetonitrile Benzyl nitrile Phenylacetonitrile Phenyl acetyl nitrile		

History:	Initial reviews:	New Standard**		
	Current revision date:	October 2003		
	Implementation date:	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
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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>The material as such should not be used as fragrance ingredient for any application.</p> <p>**This material has previously been included in the list of 'Other Materials'; the material therefore has already been prohibited before.</p>			
Fragrance material specifications:	N/A		

Benzyl cyanide

CONTRIBUTION FROM OTHER SOURCES:

On the basis of established maximum levels of this substance in commercially available natural sources (like essential oils and extracts), exposure to this substance from the use of these oils and extracts is not significant and the use of these oils is authorized as long as the level of benzyl cyanide in the finished product does not exceed 100 ppm. Furthermore, these natural extracts should not be used as substitutes for this substance.

Examples for potential natural sources (with maximum levels) of benzyl cyanide are provided below:

Fleur d'oranger absolute 1%

Frangipani (plumeria acutifolia) absolute 0.2%

Jasmine grandiflorum (Egypt) absolute traces

Jasmine multiflorum (India) absolute 0.3%

Karo karoundé absolute (CAS 68916-95-0) 4.75%

Tuberose (India) absolute 0.8%

CRITICAL EFFECT:

RELEASE OF CYANIDE

REXPAN RATIONALE / CONCLUSION:

IFRA ban noted - REXPAN, October 2003

REFERENCES:

Potter et al., 2001, Food and Chemical Toxicology 39 (2), page 141-146.

Potter et al., 2001, Food and Chemical Toxicology 39 (2), page 147-151.