

# C I N N A M I C   A L C O H O L

CAS N°: 104-54-1

**Empirical formula:** C<sub>9</sub>H<sub>10</sub>O  
 C<sub>6</sub>H<sub>5</sub>-CH=CH-CH<sub>2</sub>-OH

**Synonyms:** Cinnamyl alcohol  
 3-Phenylallyl alcohol  
 3-Phenyl-2-propen-1-ol  
 2-Propen-1-ol, 3-phenyl-  
 Styrene  
 Styryl alcohol  
 Zimtalcohol  
 Styryl carbinol

---

**History:** Initial reviews: October 1987, June 1992

Current revision date: September 2002

**Implementation date:** for new submissions\*: April 24, 2003  
for existing fragrance compounds\*: April 24, 2004

**Next review date:** September 2007

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

---

**STANDARD:** RESTRICTED

**Limits in the finished product:**

<u>Skin contact products:</u>	Non skin contact products: 4%
Leave-on products: 0.4%	Purity: Not applicable
Rinse-off products: 0.4%	Others: Not applicable
<i>including household cleaning products</i>	
<p><b>Note box:</b> Names of essential oils, which should also be considered in the application of the Standard, are given below. Maximum percentage of the reference material is included for use when no analytical data is available.          There is also a separate Standard existing for Styra that should be taken into account.</p>	

---

**CINNAMIC ALCOHOL**

Contribution from other sources: contributions from essential oils

The list of other sources is given in Annex I

---

Critical effect:      **Sensitization**

REXPAN Rationale / Conclusion:

The sensitisation data for cinnamic alcohol were reviewed by the RIFM Expert Panel. They concluded that the weight of evidence show that the NOEL for sensitisation was in the region of 4% (4,724  $\mu\text{g}/\text{cm}^2$ ). These data support a maximum dermal skin level of 0.4%.

---