Hexahydrocoumarin

**CAS-No.:** 700-82-3
The scope of this Standard includes, but is not limited to the CAS number(s) indicated above; any other CAS number(s) used to identify this fragrance ingredient should be considered in scope as well.

**Synonyms:** 2H-1-Benzopyran-2-one, 3,4,5,6,7,8-hexahydro-Coumarin, hexahydro-Coumarin, 3,4,5,6,7,8-hexahydro-1-Cyclohexene-1-propanoic acid, 2-hydroxy-, d-lactone 3,4,5,6,7,8-Hexahydro-2H-1-benzopyran-2-one

**History:**

<table>
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<tr>
<th>Implementation dates:</th>
<th>Publication date:</th>
<th>Previous Publications:</th>
</tr>
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<tbody>
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<td>For new creation*:</td>
<td>2006 (Amendment 40)</td>
<td>1980 2002</td>
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<tr>
<td>For existing creation*:</td>
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</table>

*These dates apply to the supply of fragrance mixtures (formulas) only, not to the finished consumer products in the marketplace.

**RECOMMENDATION:** PROHIBITION

**FRAGRANCE INGREDIENT PROHIBITION:** Hexahydrocoumarin should not be used as a fragrance ingredient.

**CONTRIBUTIONS FROM OTHER SOURCES:** NONE TO CONSIDER BEYOND TRACES (SEE ALSO THE SECTION ON CONTRIBUTIONS FROM OTHER SOURCES IN CHAPTER 1 OF THE GUIDANCE FOR THE USE OF IFRA STANDARDS)

**INTRINSIC PROPERTY**

**DRIVING RISK:** DERMAL SENSITIZATION

**EXPERT PANEL FOR FRAGRANCE SAFETY RATIONALE / CONCLUSION:**

The Expert Panel for Fragrance Safety reviewed all the available data for Hexahydrocoumarin and recommends not to use Hexahydrocoumarin as or in fragrance ingredients in any finished product application.

**REFERENCES:**

The IFRA Standard on Hexahydrocoumarin is based on at least one of the following publications:
Hexahydrocoumarin

• The RIFM Safety Assessment on Hexahydrocoumarin if available at the RIFM Fragrance Material Safety Assessment Center: http://fragrancematerialsafetyresource.elsevier.com


Additional information on the application of IFRA Standards is available in the Guidance for the use of IFRA Standards, publicly available at www.ifrafragrance.org.