### Hexahydrocoumarin

<table>
<thead>
<tr>
<th><strong>CAS-No.</strong></th>
<th>700-82-3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>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.</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Molecular formula:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>C₉H₁₂O₂</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Synonyms:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>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</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>History:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Publication date:</strong> 2006 (Amendment 40)</td>
</tr>
<tr>
<td><strong>Previous Publications:</strong> 1980, 2002</td>
</tr>
</tbody>
</table>

**Implementation dates:**
- For new submissions*: Not applicable.
- For existing fragrance compounds*: Not applicable.

*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 (SEE ALSO THE SECTION ON CONTRIBUTIONS FROM OTHER SOURCES IN CHAPTER 1 OF THE GUIDANCE FOR THE USE OF IFRA STANDARDS)
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:

• The RIFM Safety Assessment on Hexahydrocoumarin if available at the RIFM Safety Assessment Sheet Database: 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.