### trans-2-Heptenal

<table>
<thead>
<tr>
<th><strong>CAS-No.:</strong></th>
<th>18829-55-5</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>
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<tr>
<td><strong>Molecular formula:</strong></td>
<td>C&lt;sub&gt;7&lt;/sub&gt;H&lt;sub&gt;12&lt;/sub&gt;O</td>
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<tr>
<td><strong>Structure:</strong></td>
<td><img src="image" alt="Structure" /></td>
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<tr>
<td><strong>Synonyms:</strong></td>
<td>beta-Butylacrolein 3-Butylacrolein (E)-2-Hepten-1-al 2-Heptenal, (E)-</td>
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</tbody>
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**History:**

<table>
<thead>
<tr>
<th><strong>Publication date:</strong></th>
<th>2006 (Amendment 40)</th>
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<tbody>
<tr>
<td><strong>Previous Publications:</strong></td>
<td>1985 1989 2002</td>
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**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:**

trans-2-Heptenal 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 trans-2-Heptenal and recommends not to use trans-2-Heptenal as or in fragrance ingredients in any finished product application.

**REFERENCES:**

The IFRA Standard on trans-2-Heptenal is based on at least one of the following publications:

- The RIFM Safety Assessment on trans-2-Heptenal is 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.