## Ethylene glycol monoethyl ether and its acetate

<table>
<thead>
<tr>
<th>CAS-No.:</th>
<th>Molecular formula:</th>
<th>Structure:</th>
</tr>
</thead>
</table>
| 110-80-5 (ether)  
111-15-9 (acetate) | C₄H₁₀O₂  
C₆H₁₂O₃ | ![Structure](image) |

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 these fragrance ingredients should be considered in scope as well.

### Synonyms:
- 110-80-5 (ether): Ethylene glycol ethyl ether  
  2-Ethoxyethanol  
  Ethanol, 2-ethoxy-  
  Cellosolve  
  Oxitol
- 111-15-9 (acetate): Ethylene glycol ethyl ether acetate  
  2-Ethoxyethyl acetate  
  Ethyl cellosolve acetate  
  Ethanol, 2-ethoxy-, acetate  
  1-Acetoxy-2-ethoxyethane

### History:
- Publication date: 2004 (Amendment 38)
- Previous Publications: Not applicable.

### 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:
- Ethylene glycol monoethyl ether and its acetate should not be used as a fragrance ingredient.
Ethylene glycol monoethyl ether and its acetate

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)

INTRINSIC PROPERTY DRIVING RISK MANAGEMENT:
REPRODUCTIVE TOXICITY

EXPERT PANEL FOR FRAGRANCE SAFETY RATIONALE / CONCLUSION:
The Expert Panel for Fragrance Safety reviewed all the available data for Ethylene glycol monoethyl ether and its acetate and recommends not to use Ethylene glycol monoethyl ether and its acetate as or in fragrance ingredients in any finished product application.

REFERENCES:
The IFRA Standard on Ethylene glycol monoethyl ether and its acetate is based on at least one of the following publications:

• The RIFM Safety Assessment on Ethylene glycol monoethyl ether and its acetate is available at the RIFM Safety Assessment Sheet Database: http://fragrancematerialsafetyresource.elsevier.com/.


Ethylene glycol monoethyl ether and its acetate


• EPA, 1984b, EPA/540/1-86/052; PB86-134632.


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.