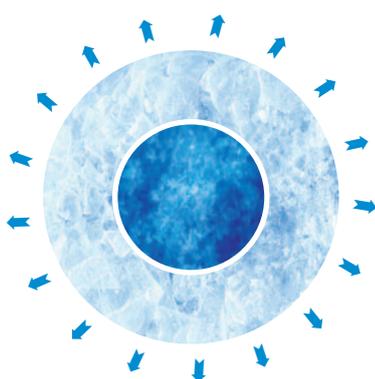




**evercool skin<sup>™</sup>**  
advanced cooling technology

Optimal cooling combination



-  Givaudan new patented coolant
-  Questice<sup>®</sup>
-  Cooling booster

## Combination of Givaudan cooling actives Improved long-lasting freshness Odourless cooling agent

Evercool Skin<sup>™</sup> associates the recognized cooling performance of Questice<sup>®</sup> together with a cooling booster and the new Givaudan patented coolant. This new coolant was selected over 700 molecules tested on TRPM8 skin receptors of cooling sensation and is 30 times more powerful than menthol. Multiple combinations of the three molecules were tested on trained panellists to design Evercool Skin<sup>™</sup>, the optimal long-lasting cooling blend.

**Consumer claims**

Never ending freshness  
All day freshness

**INCI**

Menthyl PCA, Lactamide MEA, Menthane Carboxamide Ethylpyridine

**Appearance**

Odourless yellow to brown liquid

**Dosage**

1-4%

**Formulation**

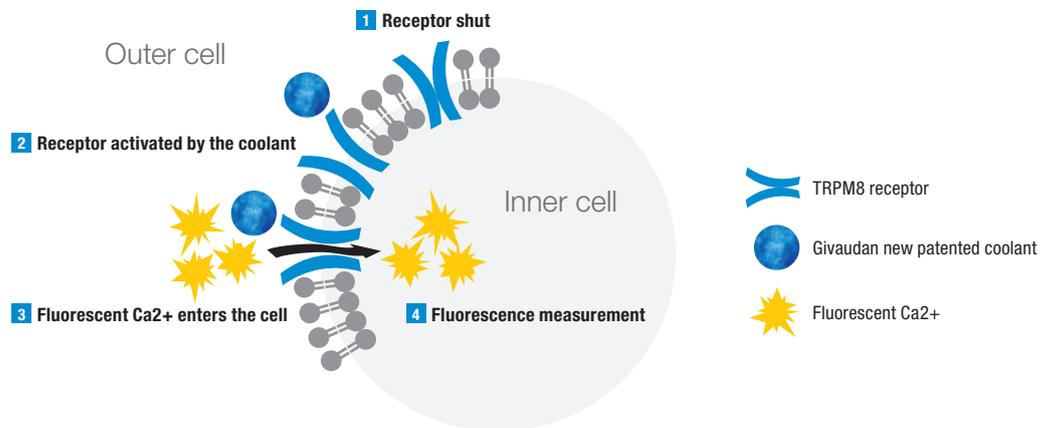
Stir into fragrance or ethanol at the end of formulation for better performance.

## In-vitro efficacy

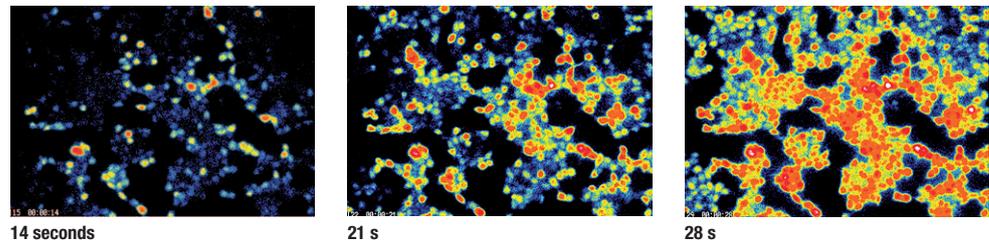
Givaudan new patented coolant activates TRPM8 receptors and induces a nerve impulse of cooling sensation

### Calcium fluorometric imaging study for cooling activity measurement

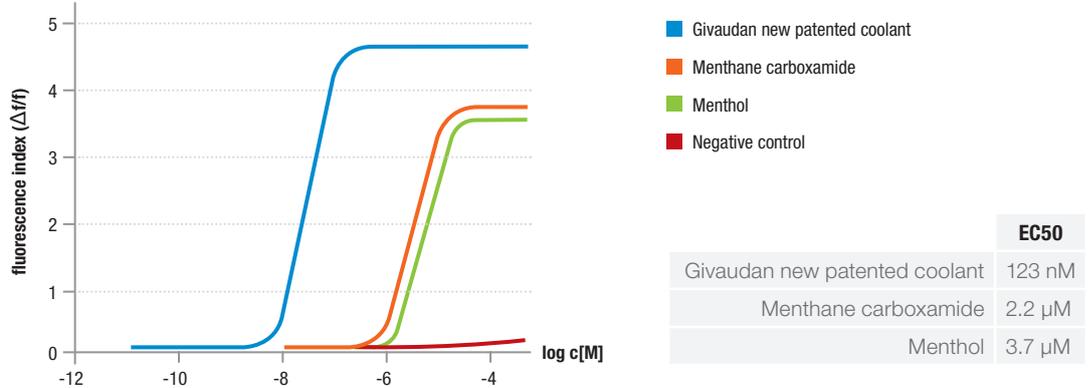
Surexpression of coolant receptor TRPM8 in HEK cells, visualisation of calcium flux by fluorometric imaging.



### Fluorescence induced by Givaudan new patented coolant



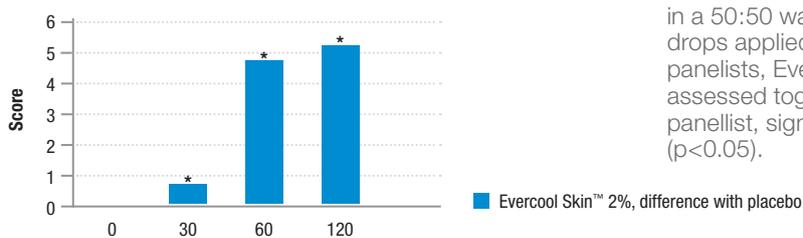
### Dose response curves



## In-vivo efficacy

Evercool Skin™ shows a significant improvement of cooling score on trained panellists up to 2 hours

### Cooling efficacy panel test



Evercool Skin™ or DPG (placebo) diluted in a 50:50 water:ethanol solution, 10 drops applied on the inner forearm of 25 panellists, Evercool Skin™ and placebo assessed together on both arms of each panellist, significant difference measured ( $p < 0.05$ ).

#### IMPORTANT FOR YOUR PROTECTION

The information and recommendations contained herein are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty or representation in respect of safety in use, suitability, efficacy or otherwise, including freedom from patent infringement. Users should make their own tests for their particular purpose. We cannot accept any liability for any loss, damage or infringement arising from the use of the information and recommendation contained herein.