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Eumulgin® RO 40

PRD 30527850

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Characteristic values

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the product.

INCI name:	PEG-40 Castor Oil
Physical form:	Light yellow, clear to slightly turbig liquid product, with a distinctive odor

Quality control data

(Data which is used for quality release and is certified for each batch.)

Test property	Specification
Appearance at room temperature	Light yellow, clear to slightly turbig liquid
Odor at room temperature	Distinctive odor
Hydroxyl value	73.0 - 83.0 mg KOH/g
Saponification value	56.0 - 62.0 mg KOH/g
Water content (Karl Fischer)	max. 0.30 %
Cloud point/range	66.0 - 72.0 °C
pH value (1 %)	7.0 - 8.0
Ethylene oxide	max. 1.0 ppm

Specific methods used for batch release see Certificate of Analysis.

Product specification

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Valid since   16.05.2017
Revision   4.0
WF-No.   11465
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Storage information

Shelf life
24 month

Storage temperature
< + 30 °C

Storage conditions
In original sealed containers and protected from moisture

Additional information
Depending on the temperature, the pH value may decrease during storage. However, the product quality is not negatively influenced above a pH value of 5.0.

Intended for use as cosmetic ingredient