



We create chemistry

## Product specification

### Cetiol® Ultimate

PRD 30597825

Valid since 16.05.2017  
Revision 4.0  
WF-No. 11465  
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Care Chemicals

### Characteristic values

The specifications stated in the paragraphs 'Provisional quality control data' and 'Provisional additional product descriptive data' finally and conclusively describe the properties of the product.

**INCI name:** Undecane (and) Tridecane  
**Physical form:** Clear, colorless liquid with low viscosity and characteristic odor.

#### Provisional quality control data

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

Test property	Specification
Appearance at room temperature	Corresponds to the standard
Odor at room temperature	Corresponds to the standard
Assay	min. 91 %
Acid value	max. 1.0 mg KOH/g
Hydroxyl number	max. 1.0 mg KOH/g

Specific methods used for batch release see Certificate of Analysis.

#### Provisional additional product descriptive data

(Data which is proven statistically but not determined regularly.)

Test property	Specification
Refractive index	1.400 - 1.440

Specific methods used for batch release see Certificate of Analysis.



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## Storage information

### **Shelf life**

18 months

### **Storage temperature**

< + 30 °C

### **Storage conditions**

In original sealed containers and protected from moisture

### **Additional information**

Cetiol® Ultimate is stabilized against autoxidation with natural mixed tocopherols. It is recommended to test material compatibility for packaging. Among suitable materials are: glass and stainless steel. Handling procedure: Contact to oxygen and UV-light should be avoided. Refilling under nitrogen is strongly recommended.

## Intended for use as cosmetic ingredient

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of the risk. The data are controlled at regular intervals as part of our quality assurance program.

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