

## Product specification

**Cetiol® Ultimate**

PRD 30597825

Valid since	18.10.2019
Revision	5.0
WF-No.	21639
Page	1 of 2

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**Care Chemicals****Characteristic values**

Specifications in the sections: 'Provisional quality control data' and 'Provisional additional product descriptive data' are not finalized and to be used for orientation purposes. A representative number of batches will be used for finalization at a later date.

<b>INCI name:</b>	Undecane (and) Tridecane
<b>Physical form:</b>	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	Test method
Appearance at room temperature	Corresponds to the standard	Internal method 93000601
Odor at room temperature	Corresponds to the standard	Internal method 93000701
Assay	min. 91 %	Internal method 162301
Acid value	max. 1.0 mg KOH/g	ISO 4314
Hydroxyl number	max. 1.0 mg KOH/g	DIN 53240

Only the data displayed in this document shall constitute the agreed contractual quality of the product. Chemical-physical characteristics reported in other product related documents (e.g. MSDS, Marketing brochures etc.) are not intended to define the quality of the product. Conversely, Product Specification does not address product communication, human and/or environmental safety or socio-economical characteristics.

**Provisional additional product descriptive data**

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

Test property	Specification	Test method
Refractive index	1.400 - 1.440	ISO 6320
Undecane	66 - 75 %	Internal method 162301
Tridecane	22 - 33 %	Internal method 162301



We create chemistry

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**Care Chemicals**

## 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.

Once the lid has been opened the complete contents of the packaging must be processed; the packaging is unsuitable for further storage of remaining residual quantities of material. As the inside surface of the packaging is uncoated steel and due to moisture from the surrounding air, opened packaging is susceptible to rust from the inside.

## 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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