

Innovadex® Product Datasheet

Cetiol® V

PRD 30527917

Valid since	25.11.2013
Revision	6.1
WF-No.	2196
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Care Chemicals**General characterisation****Chemical description**

Oleic acid decylester

Raw material basis

Vegetable:

(coconut /palm kernel oil)

Labeling information**INCI name(s)**

Decyl Oleate

Active ingredient information**Ingredient**

Decyl Oleate

CASR-No.

3687-46-5

Product properties**Appearance**

Clear, slightly yellowish polar oil with characteristic odor and a mean molecular weight

Example of use

Cetiol® V is a traditional medium spreading emollient for modern cosmetic applications.

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Care Chemicals**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.

Quality control data

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

Acid value	max. 1.00 mg KOH/g	DGF C-V 2
Iodine value	55.0 - 65.0 g I/100 g	DGF C-V 11A
Hydroxyl value	max. 2.00 mg KOH/g	DGF C-V 17A,B
Saponification value	130.0 - 140.0 mg KOH/g	DGF C-V 3
Peroxide value	max. 3.0 meq/kg	DGF C-VI 6A
Density (20 °C)	0.860 - 0.870 g/cm ³	DIN 51757
Viscosity (dynamic) 20 °C	15.0 - 20.0 mPas	DGF C-IV 7
Refraction index (20 °C)	1.4555 - 1.4575	DGF C-IV 5

Additional product descriptive data

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

Cloud point	max. 5 °C	Internal method 93005201
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Stabilising additives / Auxiliaries

(type and concentration)

Preservatives

not present

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Care Chemicals**Storage information****Shelf life**

12 months

Storage temperature

< + 30 °C

Storage conditions

In original sealed containers and protected from moisture.

Additional information

Through addition of mixed tocopherols the product is protected from autoxidation. Depending on the storage temperature, the peroxide value may increase. The product quality is not impaired as long as the peroxide value remains below 8.0.

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