

Technical Information

Cetiol® J 600

PRD 30527949

Valid since 18.07.2023
Revision 6.0

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Care Chemicals**Emollient****INCI name(s)**

Oleyl Erucate

Chemical description

Liquid wax ester

Physical form:

Clear, slightly yellowish, polar oil of weak odor with a mean molecular weight

Molecular weight

590 g/mol

CASR-No.	Ingredient	Remark
17673-56-2	Oleyl Erucate	

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.)

Test property	Specification	Test method
Appearance at room temperature	Corresponds to the standard (during storage at lower temperature the product could become cloudy, to recover see additional information)	Internal method 930006
Odor at room temperature	Corresponds to the standard	Internal method 930007
Acid value	max. 0.5 mg KOH/g	DGF C-V 2
Iodine value	82 - 92 g I/100 g	DGF C-V 11D
Saponification value	90 - 100 mg KOH/g	DGF C-V 3
Peroxide value	max. 3 meq O ₂ /kg	DGF C-VI 6A
Density (20 °C)	0.863 - 0.868 g/ml	DGF C-IV 2
Refraction index (20 °C)	1.465 - 1.470	DGF C-IV 5



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Additional product descriptive data

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

Test property	Specification	Test method
Hydroxyl value	max. 10 mg KOH/g	DGF C-V 17A,B
Cloud point	max. 20.0 °C	ISO 3015
Viscosity Hoeppler (20 °C)	40 - 50 mPas	DGF C-IV 7

Storage information

Shelf life

12 months

Storage temperature

Between + 20 °C and + 30 °C

Storage conditions

In original sealed containers and protected from moisture

Additional information

Cetiol® J 600 is protected against autoxidation through addition of mixed tocopherols. Depending on the storage temperature the peroxide number may increase. During storage at lower temperature (below cloud point at approx. 16 °C - 18 °C) the product could become cloudy and one could see white flakes at the bottom of the packaging. This phenomenon is reversible and based on our experience no influence on the product quality should be expected.

Stabilising additives / Auxiliaries

Preservatives

not present

Antioxidants

Mixture of mixed tocopherols and fatty acids mono/di esters, esterified with citric acid

Solvents

not present

Others

not present



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General information

Raw material basis

Vegetable: (coconut / palm kernel oil)

Composition hints for finished product label

INCI Components

INCI Name (US/EU/CN)	Content
Oleyl Erucate	Complete *

* Complete means conclusively describes the substance

Auxiliaries

INCI Name (US/EU/CN)	Content
Tocopherol	approx. 0.02 %
Hydrogenated Palm Glycerides Citrate	approx. 0.005 %

Product properties

Solubility

Ethylether:	very soluble
Chloroform:	very soluble
Petrolether:	very soluble
Ethylalcohol:	very soluble
Paraffin oil:	very soluble
Water:	practically insoluble

Miscellaneous information

Example of use

Cetiol® J 600 is a slow spreading emollient that gives a luxurious, long lasting feel on the skin.
Spreading value: approx. 350 mm²/10 min.



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Intended for use as cosmetic ingredient

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