

Technical Information

Cetiol® RLF

PRD 30538648

Valid since 08.07.2020
Revision 3.0

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

Caprylyl Caprylate/Caprate

Chemical description

Caprylic acid, Caprylic/Capric ester; Octyl Decanoate/Octyl Octanoate

Physical form:

Clear, colorless to slightly yellowish oil of medium polarity with characteristic odor

Molecular weight

approx. 264 g/mol

CASR-No.	Ingredient
2306-88-9	Caprylyl Caprylate
2306-92-5	Caprylyl Caprate

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.

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 930006
Odor at room temperature	Corresponds to the standard	Internal method 930007
Acid value	max. 0.5 mg KOH/g	ISO 4314
Saponification value	200 - 225 mg KOH/g	ISO 3681
Refractive index (20 °C)	1.434 - 1.438	ISO 6320
Density (20 °C)	0.857 - 0.862 g/cm ³	ISO 2811-3

Provisional additional product descriptive data

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

Test property	Specification	Test method
Cloud point	max. - 5 °C	ISO 3015



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Storage information

Shelf life

24 months

Storage temperature

< + 30 °C

Storage conditions

In original sealed containers and protected from moisture

Stabilising additives / Auxiliaries

Preservatives

not present

Antioxidants

Natural mixed tocopherols

Solvents

not present

Others

not present

General information

Raw material basis

Vegetable: (coconut / palm kernel oil)



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Care Chemicals

Composition hints for finished product label

INCI Components

INCI Name (US/EU/CN)	Content
Caprylyl Caprylate/Caprates	Complete *

* Complete means conclusively describes the substance

Auxiliaries

INCI Name (US/EU/CN)	Content
Tocopherol	approx. 450 ppm

Miscellaneous information

Example of use

Fast spreading emollient with a dry skin feel for all cosmetic applications.
Spreading value: approx. 1400 mm² /10 min.

Intended for use as cosmetic ingredient

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