

Technical Information

Cetiol® LDO

PRD 30532172

Valid since 08.07.2020
Revision 7.0

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Care Chemicals**Emollient, Lipid Layer Enhancer****INCI name(s)**

Dicaprylyl Ether (and) Lauryl Alcohol

Chemical description

Blend of dicaprylyl ether and lauryl alcohol

Physical form:

Clear, colorless liquid

Molecular weight

Mixture

CASR-No.	Ingredient	Remark
629-82-3	Dicaprylyl Ether	
80206-82-2	Lauryl alcohol	Most common description
112-53-8	Lauryl alcohol	REACH registration

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	Internal method 930006
Odor at room temperature	Corresponds to the standard	Internal method 930007
Water content (Karl-Fischer)	max. 1.00 %	ISO 4317
Acid value	max. 0.50 mg KOH/g	ISO 660
Density (20 °C)	0.810 - 0.830 g/cm ³	ISO 2811-3
Refraction index (20 °C)	1.4350 - 1.4400	ISO 6320

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

24 months

Storage temperature

< + 30 °C

Storage conditions

In original sealed containers and protected from moisture

Additional information

The product does not contain any preservation and is protected against oxidation through addition of mixed tocopherols.

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
Dicaprylyl Ether	40 - 60 %
Lauryl Alcohol	40 - 60 %

Auxiliaries

INCI Name (US/EU/CN)	Content
Tocopherol	approx 0.006 %

Miscellaneous information**Example of use**

The product Cetiol® LDO is preferably used as lipid layer enhancer for the production of surfactant cleansing preparations like shower baths and as an emollient additive for shampoos. The dosage is usually between 0.3 and 1 %. Cetiol® LDO is soluble in surfactant formulations and insoluble in water.

Intended for use as cosmetic ingredient**Disclaimer**

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