



Technical Information

Coco-Caprylate

Valid since 03.02.2020
Revision 6.1

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Emollient

INCI name(s)

Coco-Caprylate

Chemical description

C8-C18 Alkyl ester

Physical form:

Clear, colorless to slightly yellowish oil

CASR-No.

107525-85-9

Ingredient

Coco-Caprylate

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
Acid value	max. 0.50 mg KOH/g	ISO 4314
Saponification value	190 - 220 mg KOH/g	ISO 3681
Density (20 °C)	0.856 - 0.862 g/cm ³	ISO 2811-3
Refractive index (20 °C)	1.4350 - 1.4390	ISO 6320

Typical values

(For information purposes only, not part of the guaranteed specifications.)

Property	Value
Cloud point (as is)	max. -5.0 °C

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Storage information

Storage temperature

< + 30 °C

Storage conditions

In original sealed containers and protected from moisture

Additional information

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.

Coco-Caprylate is stabilized against oxidation with natural mixed tocopherols.

Stabilising additives / Auxiliaries

Preservatives

not present

Antioxidants

Natural tocopherols

Solvents

not present

Others

not present

General information

Raw material basis

Vegetable: (coconut / palm kernel oil)

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Composition hints for finished product label

INCI Components

INCI Name (US/EU/CN)	Content
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Coco-Caprylate	Complete *
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* Complete means conclusively describes the substance

Auxiliaries

INCI Name (US/EU/CN)	Content
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Tocopherol	approx. 0.045 %
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Miscellaneous information

Example of use

Coco-Caprylate is a fast spreading emollient for personal care applications, particularly designed to offer a good alternative to volatile silicones like cyclomethicones.

Spreading value: approx: 1300 mm²/10 min.

Intended for use as cosmetic ingredient

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