

Technical Information

Myritol® 318

PRD 30527906

Valid since 05.07.2017
Revision 1.0

Page 1 of 4

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

Caprylic/Capric Triglyceride

Chemical description

Triglyceride on base of saturated fatty acids C8 - C10

Physical form:

Clear, slightly yellowish, polar oil with characteristic odor

Molecular weight

approx. 500 g/mol

CASR-No.

73398-61-5

Ingredient

Caprylic/Capric Triglyceride

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

Appearance at room temperature

Odor at room temperature

Acid value

Hydroxyl value

Saponification value

Density (20 °C)

Refractive index (20 °C)

Specification

Corresponds to the standard

Corresponds to the standard

max. 0.1 mg KOH/g

max. 5 mg KOH/g

335 - 350 mg KOH/g

0.945 - 0.949 g/cm³

1.4480 - 1.4500

Specific methods used for batch release see Certificate of Analysis.

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Page 2 of 4

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Care Chemicals**Additional product descriptive data**

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

Test propertyUnsaponifiable content
Iodine value
Cloud point
Viscosity Hoeppler (20 °C)**Specification**max. 0.5 %
max. 0.5 g l/100 g
max. -5.0 °C
27 - 33 mPas

Specific methods used for batch release see Certificate of Analysis.

Storage information**Shelf life**

18 months

Storage temperature

Between 0 °C and + 30 °C

Storage conditions

In original sealed containers and protected from moisture

Stabilising additives / Auxiliaries**Preservatives**

not present

Antioxidants

not present

Solvents

not present

Others

not present

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Page 3 of 4

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Care Chemicals

General information

Raw material basis

Vegetable: (coconut / palm kernel oil, glycerine)

Composition hints for finished product label

INCI Components

INCI Name (US/EU/CN)

Caprylic/Capric Triglyceride

Content

Complete *

* Complete means conclusively describes the substance

Product properties

Solubility

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

Miscellaneous information

C-Chain ratio of the main components:

C8 : C10 approx. 70 : 30

Example of use

Traditional, medium spreading emollient for modern cosmetic applications.

The spreading value is approx. 550 mm²/10 min.



We create chemistry

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Page 4 of 4

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Care Chemicals

Intended for use as cosmetic ingredient

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