

Product - Specification

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Product / Trading-Name: **MCT Oil coconut based organic DE-ÖKO-001**

Description: MCT-oil is a mixture of vegetable triglycerides of saturated fatty acids, mainly caprylic and capric acids, of vegetable origin. MCT-oil coconut based is obtained from the oil produced from the hard, dried fraction of the endosperm of organically grown *Cocos nucifera* L.

Product No.: 190150

CAS No.: 73398-61-5

EINECS No.: 277-452-2

INCI Name: Caprylic/Capric Triglyceride

Properties: A colourless to pale yellow oily liquid. It is insoluble in water, miscible with dichloromethane, ethanol and petroleum spirit.

Parameter	Method	Unit	Value
<u>Physical and Chemical Characteristics</u>			
acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 1,0
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 3,0
refractive index (20 °C)	Ph. Eur. [2.2.6]		1,440 - 1,452
relative density (20 °C)	Ph. Eur. [2.2.5]		0,930 - 0,960
water	Ph. Eur. [2.5.32]	%	max. 0,1
hydroxyl value	Ph. Eur. [2.5.3]	mg KOH/g	max. 10
<u>Fatty Acid Composition (GC of FAMES)</u>			
8:0 caprylic acid	Ph. Eur. [2.4.22]	%	55,0 - 65,0
10:0 capric acid	Ph. Eur. [2.4.22]	%	35,0 - 45,0

Storage:

Keep in well closed, well filled containers or under inert gas, protect from light, cool and dry.

Residual Solvents:

It complies with the guideline CHMP/ICH/82260/2006 (residual solvents)

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