

TEGOSOFT® CT

Cosmetic ester with properties similar to natural triglycerides
but with a pleasant skin feel

- High ability to solve lipophilic active ingredients and UV filters
- Universal emollient with good skin care properties
- Vegetable based

Personal Care

INCI Name (CTFA Name)

Caprylic/Capric Triglycerides

Chemical and physical properties (not part of specifications)

Form	liquid
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Further product information (not part of specifications)

Density (g/cm ³)	approx. 0.94
Viscosity at 25 °C according to Höppler (mPas)	approx. 24
Surface tension at 25 °C according to ring method (mN/m)	approx. 29
Spreadability	low spreading
Polarity	very high polarity
Pour point following DIN ISO 3016 (°C)	approx. -4

Maximum solubility of UV filters in TEGOSOFT® CT [%]

Benzophenone-3	15
4-Methylbenzylidene Camphor	20
Butyl Methoxy-dibenzoylmethane	10

Properties

- Very high polarity
- Solvent for lipophilic active ingredients and UV filters
- Universal emollient with good skin care properties and pleasant afterfeel on the skin
- Oxidation stable

Application

TEGOSOFT® CT is suitable as an emollient for

- all types of creams and lotions, especially suncare products
- body oils
- lipsticks
- bath oils
- shampoos and cleansers

Registration for pharmaceutical products

DAB 10

Pharmacopée Française, 10ème édition

Packaging

760 kg pallet (4 x 190 kg)

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in accidents and fires
- toxicity and ecological effects

is given in our material safety data sheets.

Guide Line Formulations

Low Foaming Bath Oil	
TEGOSOFT® liquid	15.0 %
TEGOSOFT® CT	14.0 %
TEGOSOFT® GC	37.0 %
TAGAT® CH 40	12.0 %
Panthenol	0.2 %
Propylene Glycol	2.0 %
ABIL® B 8852	0.5 %
Water	19.3 %
Perfume, Preservatives, Colour	q.s.
Preparation: Combine all ingredients - mix until homogeneous.	

Body Oil F 11/99	
TEGOSOFT® CT	50.0 %
TEGOSOFT® M	20.0 %
TEGOSOFT® liquid	20.0 %
Jojoba Oil	10.0 %
Antioxidants, Perfume	q.s.
Preparation: Combine all ingredients - mix until homogeneous.	

O/W Sun Protection Cream F 52/96	
Phase A	
TEGO® Care 450	3.0 %
TEGIN M	2.1 %
TEGO® Alkanol 18	0.9 %
TEGOSOFT® OP	6.2 %
TEGOSOFT® CT	9.0 %
4-Methylbenzylidene Camphor	5.0 %
Butyl Methoxydibenzoylmethane	3.0 %
Phase B	
Glycerin	3.0 %
Water	66.3 %
Phase C	
TEGO® Carbomer 134	0.2 %
TEGOSOFT® OP	0.8 %
Phase D	
Sodium Hydroxide 10 %	0.5 %
Preservative, Perfume	q.s.
Preparation:	
<ol style="list-style-type: none"> 1. Charge with phase B and heat to approx. 70 °C* 2. Heat phase A to approx. 70 °C and add to phase B with stirring 3. Homogenise 4. Cool with gentle stirring, add phase C at approx. 60 °C Phase C and homogenise again 5. Add phase D at approx. 40 °C 	
*Important information: If it is charged with phase A, phase B must be added to phase A without stirring .	

W/O Night Cream F 10/97	
Phase A	
ABIL® EM 90	2.0 %
ISOLAN® GI 34	1.0 %
Beeswax	1.2 %
Hydrogenated Castor Oil	0.8 %
Isohexadecane	9.5 %
TEGOSOFT® CT	6.0 %
TEGOSOFT® liquid	4.0 %
Tocopheryl Acetate	0.5 %
Phase B	
Sodium Chloride	0.5 %
Propylene Glycol	2.0 %
Water	72.5 %
Preservative, Perfume	q.s.
Preparation:	
<ol style="list-style-type: none"> 1. Charge with phase A and heat to approx. 80 °C 2. Add phase B (80 °C or room temperature) slowly with stirring 3. Homogenise for a short time 4. Cool with gentle stirring and homogenise again below 30 °C 	

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