

TEGOSOFT® M

Universal cosmetic ester

Intended use

Liquid lipophilic emollient

Benefits at a glance

- Very light emollient that provides non-oily skin feel
- Medium spreading emollient
- Excellent solvency for active ingredients

INCI (PCPC Name)

Isopropyl Myristate

Chemical and physical properties (not part of specifications)

Form	liquid
Color	colorless to slightly yellow

Further product information (not part of specifications)

Density (g/cm ³)	approx. 0.85
Viscosity at 25 °C according to Höppler (mPas)	approx. 5
Surface tension at 25 °C according to ring method (mN/m)	approx. 28
Spreadability	medium spreadability

Polarity	medium polarity
Pour point following DIN ISO 3016 (°C)	8

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

Benzophenone-3	12
4-Methylbenzylidene Camphor	25
Butyl Methoxy-dibenzoylmethane	6

Properties

- Medium polarity
- Light emollient with medium spreading properties
- Excellent solvency for waxes, lipophilic UV filters and pigments
- Oxidation stable

Application

TEGOSOFT® M is suitable for

- body oils, baby oils
- all types of creams and lotions
- bath oils
- shampoos, shower and bath preparations
- deodorant sprays and antiperspirant sprays
- alcoholic rinses, e. g. after shave

Registration for pharmaceutical products

DAB 10
BP 1993

Packaging

700 kg pallet (4 x 175 kg drum)

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 case of accidents and fires
- toxicity and ecological effects

is given in our material safety data sheets.

Guideline formulations

Skin Care Oil	
F 11 / 99	
TEGOSOFT® CT (Caprylic/Capric Triglyceride)	50.00%
TEGOSOFT® M	20.00%
TEGOSOFT® liquid (Cetearyl Ethylhexanoate)	20.00%
Simmondsia Chinensis (Jojoba) Seed Oil	10.00%
Antioxidants, Perfume	q.s.
Preparation:	
Combine all ingredients - mix until homogeneous.	

O/W Antiperspirant Lotion	
BR 3 / 10-4	
Phase A	
TEGO® Alkanol S 2 Pellets (Steareth-2)	4.00%
TEGO® Alkanol S 20 P (Steareth-20)	2.20%
TEGOSOFT® XC (Phenoxyethyl Caprylate)	4.70%
TEGOSOFT® DEC (Diethylhexyl Carbonate)	1.00%
TEGOSOFT® M	1.00%
Phase B	
Water	73.60%
Aluminum Chlorohydrate (50% sol.)	15.00%
Phase Z	
Preservative, Perfume	q.s.
Preparation:	
1. Heat phase A and B separately to approx. 70 - 75 °C.	
2. Add phase A to phase B with stirring ¹⁾ .	
3. Homogenize.	
4. Cool with gentle stirring.	
¹⁾ Important: If phase A has to be charged into the vessel first, phase B must be added without stirring.	

Light W/O Lotion	
H 3 /09-1	
Phase A	
ISOLAN® GPS (Polyglyceryl-4 Diisostearate/Polyhydroxystearate/Sebacate)	3.00%
TEGOSOFT® DEC (Diethylhexyl Carbonate)	10.80%
TEGOSOFT® M	3.50%
Simmondsia Chinensis (Jojoba) Seed Oil	3.50%
Hydrogenated Castor Oil	0.10%
Microcrystalline Wax (Paracera W 80, Paramelt B.V.)	0.10%
Phase B	
Water	75.50%
Glycerin	2.00%
Magnesium Sulfate Heptahydrate	1.50%
Phase Z	
Preservative, Perfume	q.s.
Preparation:	
<ol style="list-style-type: none"> 1. Heat phase A to approx. 80 °C. 2. Add phase B (80 °C or room temperature) slowly while stirring. 3. Homogenize for a short time. 4. Cool with gentle stirring below 30 °C and homogenize again. 	

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