

TEGOSOFT® P

Light and well spreading emollient

- Refatting properties
- Universal use
- Oxidation stable

Personal Care

INCI Name (CTFA Name)

Isopropyl Palmitate

**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. 0.84
Viscosity at 25 °C according to Höppler (mPas)	approx. 6
Surface tension at 25 °C according to ring method (mN/m)	approx. 29
Spreadability	very high spreadability
Polarity	medium polarity
Pour point following DIN ISO 3016 (°C)	14

Properties

- Light cosmetic ester with very good spreading properties
- Emollient with a higher refatting characteristic than TEGOSOFT® M
- Lower solvency for oil soluble active ingredients than TEGOSOFT® M

Application

TEGOSOFT® P is suitable for

- all types of creams and lotions
- skin caring oils
- bath oils
- shower and foam baths
- decorative cosmetics

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.

Guide Line Formulations

O/W Sun Protection Lotion IM 9/96	
Phase A	
TEGO® Care 215 (Cetearth-15; Glyceryl Stearate)	2.5 %
TEGOSOFT® DO (Decyl Oleate)	5.0 %
TEGOSOFT® P	5.0 %
ABIL® 350 (Dimethicone)	0.5 %
TEGO® Alkanol 18 (Cetyl Alcohol)	2.0 %
Ethylhexyl Methoxycinnamate	4.0 %
Benzophenone-3	1.0 %
TEGO® Carbomer 141 (Carbomer)	0.2 %
Phase B	
Glycerin	3.0 %
Water	76.8 %
Parfum, Preservative	q.s.
Sodium Hydroxide (10% in water)	q.s.
Preparation:	
<ol style="list-style-type: none"> 1. Charge with phase B and heat to approx. 80 °C.¹⁾ 2. Heat phase A to approx. 80 °C and add to phase B with stirring. 3. Homogenise. 4. Cool down with gentle stirring. 	
¹⁾ Important information: If it is charged with phase A, phase B must be added to phase A without stirring .	

W/O Cream (light) BK 21/97	
Phase A	
ABIL® EM 97 (Bis-PEG/PPG-14/14 Dimethicone; Cyclopentasiloxane)	3.0 %
ABIL® Wax 9810 P (C24-28 Alkyl Methicone)	1.0 %
Hydrogenated Castor Oil	0.5 %
Microcrystalline Wax	0.5 %
TEGOSOFT® P	4.0 %
Isohexadecane	4.0 %
Phase B	
Cyclopentasiloxane	11.0 %
Phase C	
Sodium Chloride	2.0 %
Propylene Glycol	3.0 %
Urea	5.0 %
Water	66.0 %
Parfum, Preservative	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) slowly with stirring. 3. Add phase C (80 °C or room temperature) slowly with stirring. 4. Homogenise for a short time. 5. Cool with gentle stirring and homogenise again below 30 °C. 	

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