

TEGOSOFT® CI

Cosmetic ester with hydrophobic properties

- Forms a pleasant emollient film on the skin
- Good solubilizer for active ingredients
- Oxidation stable

Personal Care

INCI name (PCPC name)

Cetearyl Isononanoate

**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. 0.86
Viscosity at 25 °C according to Höppler (mPas)	approx. 16
Surface tension at 25 °C according to ring method (mN/m)	approx. 30
Spreadability	medium spreading
Polarity	medium polarity
Pour point following DIN ISO 3016 (°C)	9

Properties

- Medium viscous cosmetic ester with medium spreading properties
- Leaves a hydrophobic film which prevents skin from drying
- Good solubilizer for active ingredients and UV filters
- Miscible with all cosmetic oils
- Oxidation stable

Application

TEGOSOFT® CI is especially suitable for

- body lotions
- sun protection creams and sun protection lotions
- skin caring oils
- skin protection creams
- creams and lotions for baby care

Packaging

720 kg pallet (4 x 180 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

Smooth O/W Body Lotion for aged skin MK 5/08-4			
		%	
A	ABIL® Care XL 80 (Bis-PEG/PPG-20/5 PEG/PPG-20/5 Dimethicone; Methoxy PEG/PPG-25/4 Dimethicone; Caprylic/Capric Triglyceride)	2.00	
	TEGOSOFT® TIS (Triisostearin)	4.00	
	TEGOSOFT® CI (Cetearyl Isononanoate)	6.00	
	TEGOSOFT® DEC (Diethylhexyl Carbonate)	5.00	
	TEGOSOFT® CR (Cetyl Ricinoleate)	1.00	
	TEGO® Carbomer 140 (Carbomer)	0.15	
	TEGO® Carbomer 141 (Carbomer)	0.15	
	Xanthan Gum	0.10	
	B	Water	77.10
		Glycerin	3.00
HyaCare® 50 (Hydrolyzed Hyaluronic Acid)		0.10	
	Panthenol	0.50	
C	Sodium Hydroxide (10% in water)	0.90	
	Preservative, Perfume	q.s.	
Preparation:			
1. Heat phase A to approx. 30 °C.			
2. Add phase A to phase B with stirring ¹⁾ .			
3. Homogenize.			
4. Add phase C and homogenize for a short time.			
1) Important: If phase A has to be charged into the vessel first, phase B must be added without stirring.			

Skin Oil for dry skin MK 19/01-8		
		%
	TEGOSOFT® M (Isopropyl Myristate)	40.0
	TEGOSOFT® CI (Cetearyl Isononanoate)	20.0
	TEGOSOFT® CR (Cetyl Ricinoleate)	1.5
	Helianthus Annuus (Sunflower) Oil	20.0
	Prunus Amygdalus Dulcis (Sweet Almond) Oil	17.4
	Tocopheryl Acetate	0.5
	Retinyl Palmitate	0.4
	Perfume	0.2
Preparation:		
Mix the ingredients in the given order and stir.		

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