

- regenerating body lotion ▪ rich to light texture ▪ deep moisturizing ▪ energizing ▪ smooth and soft skin feel ▪
- >10% certified upcycled ingredients<sup>2</sup> ▪

Phase	Ingredient	INCI	Supplier	% ww
A1	Deionised Water	Aqua		66.91
	Verstatil® TBG	Triethyl Citrate, Glyceryl Caprylate, Benzoic Acid	Evonik Dr. Straetmans	1.25
	GENENCARE® OSMS BA	Betaine	DuPont Industrial Bioscience	3.00
	GENENCARE® OSMS MI	Inositol	DuPont Industrial Bioscience	1.00
	TAPIOCA PURE	Tapioca Starch	Nouryon	0.50
A2	Zemea®	Propanediol	DuPont Tate&Lyle	4.00
	Keltrol® CG-SFT	Xanthan Gum	CP Kelco	0.30
B	IMWITOR® 372 P	Glyceryl Stearate Citrate	IOI Oleo	2.50
	IMWITOR® 375	Glyceryl Citrate/ Lactate/ Linoleate/Oleate	IOI Oleo	2.50
	Palmerol® 6850	Cetearyl Alcohol	KLK Oleo	2.00
	Lanette® 22	Behenyl Alcohol	BASF	1.00
	MIGLYOL® PPG 810	Propylene Glycol Dicaprylate/Dicaprate	IOI Oleo	3.00
	BEURRE CACAO BIO (Organic Cacao Butter)	Theobroma Cacao Seed Butter	Prod'Hyg	1.50
	SOFTISAN® 378	Caprylic/ Capric/ Myristic/ Stearic Triglyceride	IOI Oleo	2.00
	SOFTISAN® 649	Bis-Diglyceryl Polyacyladipate-2	IOI Oleo	0.50
	MIGLYOL® Coco 810	Coco-Caprylate/Caprate	IOI Oleo	5.00
	Colorless Jojoba Oil	Simmondsia Chinensis Seed Oil	Jojoba Valley	2.00
C	Arom. Cucumber Extract Blend N36649	on request	Carrubba	0.80
D	Sodium Hydroxide (solution 10%)	Sodium Hydroxide		0.24
				<b>100.00</b>

<sup>1</sup> Calculation by including formulation water according to ISO 16128.

<sup>2</sup> Formulation contains ingredient(s), which is/are eligible for upcycled ingredient certification according to Upcycled Food Association (UFA).

## Product Features

Appearance: White emulsion  
 pH: 4.75-5.25  
 Viscosity: 16,000-19,500 mPas at RT (Haake Visco Tester 6R: spindle 5, speed 10 rpm)  
 Stability: Stable for more than 3 months at 4°C, 20°C and 40°C.



## Manufacturing Procedure

1. Place water to the vessel and add ingredients of phase A1 while stirring.
2. Pre-disperse ingredients of A2 until uniform.
3. Add phase A2 to phase A1 and heat up to 75°C while stirring until completely dispersed.
4. Mix ingredients of phase B and heat up to 75°C while stirring.
5. At 75°C add phase B to phase A and homogenize.
6. Cool down to 60°C while stirring. Homogenize.
7. Below 45°C add part C. Homogenize.
8. At room temperature adjust pH with part D.

## Application Advice

Apply generously on cleansed skin and rub it in.

## Biesterfeld Products

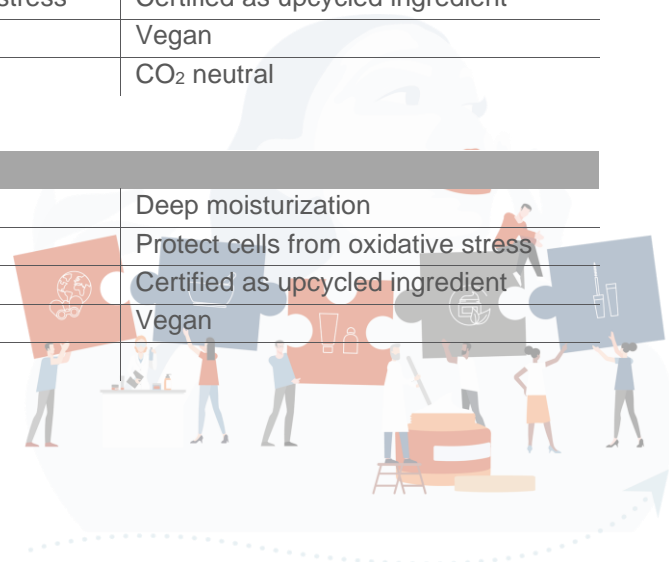
Arom. Cucumber Extract Blend N36649-OS		
Natural aroma	100% natural origin	Palm-free
Vegan		

BEURRE CACAO BIO (Organic Cacao Butter)		
Natural butter	Texturizer	Emollient
100% natural origin	Palm-free	Vegan
COSMOS-certified		

Colorless Jojoba Oil		
Liquid wax	Emollient	Rich in vitamin E
Smooth skin feel	100% natural origin	Palm-free
Vegan	COSMOS-certified	

GENENCARE® OSMS BA		
Natural osmolyte	NMF component	Deep moisturization
Strengthens skin barrier	Protects cells from oxidative stress	Certified as upcycled ingredient
100% natural origin	Palm-free	Vegan
COSMOS-certified	NATRUE-certified	CO <sub>2</sub> neutral

GENENCARE® OSMS MI		
Natural osmolyte	NMF component	Deep moisturization
Energizing	Strengthens skin barrier	Protect cells from oxidative stress
Increased cell metabolism	Improved skin elasticity	Certified as upcycled ingredient
100% natural origin	Palm-free	Vegan
COSMOS-certified	NATRUE-certified	



IMWITOR® 372 P		
Anionic O/W emulsifier	EO-free	Versatile viscosities and textures
Excellent compatibility	Soft and velvet skin feel	100% natural origin
RSPO MB	Vegan	COSMOS-certified
NATRUE-conform		

IMWITOR® 375		
Anionic O/W emulsifier	EO-free	Versatile viscosities and textures
Excellent compatibility	Soft and velvet skin feel	100% natural origin
Palm-free	Vegan	COSMOS-certified
NATRUE-conform		

Keltrol® CG-SFT V		
Transparent stabilizer	Smooth flow	100% natural origin
Palm-free	Vegan	NATRUE-certified

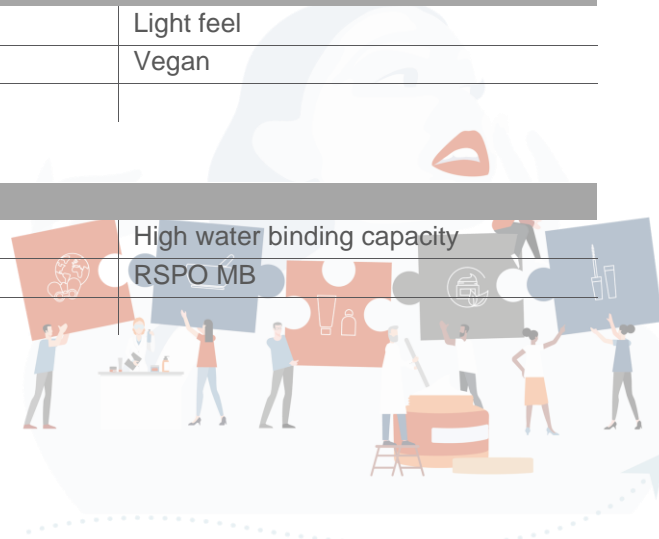
MIGLYOL® Coco 810		
Light and low polar emollient	Fast spreading	Dimethicone and D5 replacement
Silky touch	Light and non-oily skin feel	100% natural origin
RSPO MB available	Vegan	COSMOS-certified
NATRUE-conform		

MIGLYOL® PPG 810		
Light and polar emollient	Dimethicone and D5 replacement	Fast spreading
Powdery skin feel	79% natural origin	RSPO MB
Vegan		

Palmerol® 6850		
Consistency regulator	Co-emulsifier	100% natural origin
RSPO MB	Vegan	COSMOS-certified

SOFTISAN® 378		
Semi-solid emollient	Medium to low spreading	Light feel
100% natural origin	RSPO MB	Vegan
COSMOS-certified		

SOFTISAN® 649		
Film-forming emollient	Lanolin replacement	High water binding capacity
Smooth skin feel	85% natural origin	RSPO MB
Vegan		



### Tapioca Pure

Naturally derived starch	Reduces gloss and oiliness	Reduces tackiness
100% natural origin	Palm-free	Vegan

### Verstabil® TBG MB

Preservative blend	87% natural origin	RSPO MB available
Vegan	COSMOS-certified	NATRUE-conform

### Zemea®

Natural moisturizer	Preservative booster	Reduces tackiness
Multifunctional	Microbiome-friendly	100% natural origin
Palm-free	Vegan	

