Protective **Gut Moor** Hand Cream

The light, quickly absorbed formula protects the skin with a protective film and leaves it feeling pleasant and non-greasy.

Hand cream – silicone and PEG free 25-005-08-05				
PHASE	TRADE NAME	INCI NAME	SUPPLIER	% W/W
A	Water	Aqua	-	71.15
A	Glycerin (99.5%)	Glycerin	Biesterfeld	5.00
A	Potassium Sorbate	Potassium Sorbate	Tilge Robert E.M.	0.15
A	Xanthan FNCS-PC	Xanthan Gum	Jungbunzlauer	0.30
B	BeauSense® E-SF	Polyglyceryl-3-Stearate (and) Sunflower Seed Oil Glycerides (and) Cetearyl Alcohol	Roelmi	4.00
B	Lanette® O	Cetearyl Alcohol	BTC	2.00
B	Lanette® 16	Stearyl Alcohol	BTC	2.00
B	Apricot Oil nat. bio	Prunus Armeniaca (Apricot) Kernel Oil	Camassia eco	4.00
B	BergaBest® MCT Oil 60/40	Caprylic/Capric Triglyceride	Berg + Schmidt	3.00
B	Cetiol® OE	Dicaprylyl Ether	BTC	3.00
B	dermofeel® Toco 70 non GMO	Tocopherol, Helianthus Annuus (Sunflower) Seed oil	Evonik	0.20
B	dermosoft® GMCY MB	Glyceryl Caprylate	Evonik	0.20
B	Hidal® S-6P	1,2 Hexandiol	Daedal	1.00
C	Amylomer™ CAT 531 AS+	Starch Hydroxypropyl Trimonium Chloride	Gräfe Chemie	2.00
C	Amylomer™ HA-NI	Sodium Hydroxypropyl Oxidized Starch Succinate	Gräfe Chemie	1.50
C	PÖ Daydream Believer	Perfume	Frey + Lau	0.50
D	Citric Acid	Citric Acid	Carl Roth	q. s.

Processing

1. Mix the components of phase A and heat up to 80 °C.
2. Mix the components of phase B and heat up to 80 °C.
3. Add phase B to phase A and homogenize for 5 minutes.
4. Cool down to 35 °C and add ingredients of phase C.
5. Set pH-value with phase D.

- appearance: white cream
- pH–value: 5.2 – 5.4

- viscosity: ~12,000 mPa*s (Lamy RV, Spindel 6, 10rpm, 20 °C)
- stability: proven (3 months at room temperature, 4 °C and 40 °C)
- microbiological challenge test: passed