



Precious Silk Intensive Hand & Foot Cream

Your hands need some comfort after a long busy day? Are your feet asking you to treat them to something special? This precious extra nourishing cream is just the thing. A silky, ultra-rich texture stabilized by **ACULYN™ Excel** (also efficient in O/W emulsions) and neutralized by **AMP-Ultra PC 2000** which delivers low odor with optimum neutralization. **Dow Corning® 3901 Liquid Satin Blend** will seduce you with its exceptional smoothness and feeling of hydration while **Dow Corning® EL-7040 Hydro Elastomer Blend**, a first hydrophilic elastomer, delivers a silkier and richer feel to your skin. Thanks to its delicate fresh odour, **Tender Summer SY153051** wraps you like a caress so you can finally relax and enjoy.

 **UNIVAR®**
PERSONAL CARE

	Trade name	INCI name	Supplier	%	
A	1	Water (Aqua)	Univar*	Q.S	
	2	ACULYN™ Excel	Acrylates Copolymer	Dow Personal Care / Univar*	3.0
B	3	AMP-Ultra PC 2000	Aminomethyl Propanol	Angus / Univar*	Q.S
C	4	Glycerine	Glycerin	Univar*	3.0
	5	Murumuru Butter	<i>Astrocaryum murumuru</i> Seed Butter	Univar*	2.0
	6	Ercamuls LF 65 V/FD	Glyceryl Stearate, PEG-100 Stearate	Erca Wilmar / Univar*	2.2
D	7	Ercanol CS 50/50 V	Cetearyl Alcohol	Erca Wilmar / Univar*	2.2
	8	Honey LG (organic)	Glycerin, Honey	Naturex / Univar*	1.0
	9	Kalcol® 6098	Cetyl Alcohol	Kao Chemicals Europe / Univar*	2.0
E	10	<i>Dow Corning</i> ® 3901 Liquid Satin Blend	Dimethicone/Vinyl Dimethicone Crosspolymer (and) Dimethicone	Dow Corning / Univar*	2.0
	11	<i>Xiameter</i> ® PMX 200 Silicone Fluid 1.5 cs	Dimethicone	Dow Corning / Univar*	3.0
F	12	Stabil ZERO	Pentylene Glycol, Caprylyl Glycol, Ethylhexylglycerin	Akema / Univar*	1.2
	13	<i>Dow Corning</i> ® EL-7040 Hydro Elastomer Blend	Caprylyl Methicone (and) PEG-12 Dimethicone/ PPG-20 Crosspolymer	Dow Corning / Univar*	3.0
	14	Tender Summer SY153051	Fragrance	Kao Fragrances / Univar*	0.1
G	15	Citric Acid Monohydrate CAM N1560 (30% solution)	Citric Acid	Jungbunzlauer / Univar*	1.2

* Please contact your regional Univar sales representative to ensure that mentioned products are distributed in your country.

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Procedure (Hot process)

1. Weigh ingredients of phase A and combine them with gentle stirring until homogeneous
2. Neutralize phase A with phase B until pH > 8
3. Add phase C to the combined phase AB whilst stirring. Heat to 75-80°C
4. Combine phase D and heat to 75°C, adding Honey LG and Murumuru butter at the very last moment just before emulsification
5. Maintain heat while adding phase D to combined phase ABC and agitate until uniform
6. Cool to 40°C whilst stirring
7. In a separate vessel, blend phase E until uniform
8. When completely clear, add phase E to combined phase ABCD and mix until uniform
9. Add phase F
10. Adjust the pH with phase G to pH 6

Stability

Stable at least 1 month at room temperature, 4°C and 40°C (still ongoing).

Comments

- pH = 6.23
- Viscosity (spindle 6; 10 rpm; 1 min) = 19.800 cPs (19.8%)
- Application: Take a dollop of cream into the palm of your hand. Spread it generously onto hands and feet.
- White, rich and shiny soft cream