



Product Name: Serenitide™ Soothing Emulsion

Recipe

Phase	No	Trade Name	INCI Name	w/w%
I	1	Ceramise Y30	Ceramide NP	0.10
	2	Lanette-O	Cetostearyl Alcohol	0.50
	3	GMS 205	Glyceryl Stearate	1.00
	4	Montanov L	C14-22 Alcohols & C12-20 Alkyl Glucoside	1.50
	5	Shea Butter	Shea Butter	1.00
	6	Silicone 200 / 100CS	Dimethicone	0.30
	7	Squalane	Squalane	5.00
	8	Vegetol MCT (Hicos GTC)	Caprylic/Capric Triglyceride	3.00
	9	Vegetol CEH (Hicos CEH)	Cetyl Ethylhexanoate	3.00
II	10	D.I. Water	Water	67.65
	11	KMO-6	1,2-Hexanediol	3.00
	12	1,3 BG	Butylene Glycol	3.00
	13	Glycerine	Glycerin	5.00
III	14	Keltrol F	Xanthan Gum	0.10
	15	Carbopol 981	Carbomer	0.15
IV	16	Tris Amino Ultra PC (10%)	Tromethamine	1.20
	17	Serenitide		2.50
Total				100.00

Manufacturing process

1. Dissolve ingredients of 1 to 9 until 75 °C to prepare the oil phase (phase I).
2. Mix ingredients of 10 to 13, and completely dissolve using Disper Mixer to prepare the water phase (phase II).
3. During mixing the phase II with Disper Mixer, slowly add phase III (ingredient 14 and 15) and disperse.
4. Heat the phase II and phase III mixed solution up to 75°C, and add phase I and emulsify using Homo Mixer for 3 minutes (5,000 rpm).
5. Add **Sebodulin™** and ingredient 16, and mix for additional 2 minutes.
6. Cool down the emulsion into room temperature using water bath.