

BALANCING BOOST

ESG 1043/19

Clear liquid. Reduces acne on the skin. Provides anti-inflammatory and skin soothing benefits

PHASE	INGREDIENTS	% W/W
A	HPMC (Benecel E4M, Ashland)	0.50
	Water	87.80
B	Phytosphingosine Hydrochloride (Phytosphingosine HCl)	0.50
	TEGOSOFT® PC 41 MB (Polyglyceryl-4 Caprate)	3.00
C	TEGO® SML 20 MB (Polysorbate 20)	1.20
	Herbapurifine® (Water (USA)/Aqua (EU); Butylene Glycol; Lecithin; Salix Alba Bark Extract; Bakuchiol; Magnolia Grandiflora Leaf Extract)	3.00
D	Propylene Glycol	3.00
E	Verstatil® PC (Phenoxyethanol; Caprylyl Glycol)	1.00
	Potassium Hydroxide (10% in water)	q.s.

Processing

1. Disperse HPMC to the water with stirring, ensuring HPMC is swelled.
2. After the polymer swelled, add phase B, Phytosphingosine Hydrochloride, followed by TEGOSOFT® PC 41 MB with stirring.
3. Heat to 80 °C, ensure Phytosphingosine Hydrochloride is fully dissolved.
4. Cool down to room temperature, add phase C, D and E with stirring.
5. Adjust pH between 5.5 to 6.5

Viscosity 50 mPa.s (Brookfield DV2T Extra sp. 4, 100 rpm)

pH Value 5.5-6.5

Stability Proven

Microbiological Safety Challenge test passed

Disclaimer:

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