



IOI OLEOCHEMICAL



FORMULA DATA

Appearance:	Milky white yoghurt-like fluid
pH (RT):	5.5
Viscosity (RT):	5,400 mPas (Sp 4, 10 rpm)
Stability test:	Passed (3 months @ 20 °C & 40 °C, 10 days @ 50 °C)
Challenge test:	Passed (A criteria, Ph.Eur. 5.01.03)

Milky Toner-in-Serum

- Water-based toner
- Serum-like texture
- Soothing & anti-redness effect
- Award-winning SOFTISAN® 650 moisturizes & supports skin barrier
- Light sensory, ideal for layering
- Genderfluid concept
- Vegan & NOC 0.98 (ISO 16128)



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V1.0

Milky Toner-in-Serum

No.
927

PHASE	TRADE NAME	INCI	%	FUNCTION
A	Water demin.	Aqua	88.0	Diluent
A	Centella Asiatica GW	Glycerin (and) Aqua (and) Centella Asiatica Extract	1.0	Anti-Redness Active
A	D-Panthenol 75%	Aqua (and) Panthenol	1.0	Soothing Active
A	Cosphaderm® Hexiol Natural ¹	1,2 Hexanediol	2.0	Preservative
A	NaOH, 20%	Water (and) Sodium Hydroxide	0.3	pH Agent
B	WITARIX® MCT C8²	Tricaprylin	1.0	Light Emollient
B	MIGLYOL® 829 ECO²	Caprylic/Capric/Succinic Triglyceride	4.0	Rich Emollient
B	SOFTISAN® 650²	Polyglyceryl-3 Azelate/Caprate/Caprylate/Stearate Crosspolymer	2.0	Moisturizing & Skin Barrier Protecting Multifunctional
B1	Pemulen™ TR-2 polymer ³	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0.4	Gelling Agent
C	Gurkensamen & Avocado 6600687 ⁴	Parfum	0.3	Parfum

Suppliers: ¹Cosphatec, ²IOI Oleo, ³Lubrizol, ⁴Bell

PROCESS

Mix phase A until homogenous. Weigh phase B and heat to 40 °C. Add phase B1 to B and mix until fully dispersed. Allow to cool to room temperature. Add phase A to B/B1 and homogenize @ 12,000 rpm for 3 min. Stir for 10 min, add phase C and stir for another 10 – 20 min. Adjust pH to 5.5 ± 0.2.



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