



IOI OLEOCHEMICAL



FORMULA DATA

Appearance:	White creams
pH:	5.5 ± 0.2
Viscosity:	65.000 mPas (Sp T-C (93)/ 5 rpm)
Stability test:	Passed (3 months @ 20 °C & 40 °C, 10 days @ 50 °C)
Challenge test:	Passed (Ph.Eur.5.01.03)



IOI OLEOCHEMICAL

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V1.0

With... or without you

- Two O/W emulsions with 20 % oil phase
 - One formula with Cyclopentasiloxane (D5)
 - One formula with MIGLYOL® Coco 810
- MIGLYOL® Coco 810
 - Offers silicone-like touch
 - Answers demand for sustainable & clean beauty
 - Is compliant with EU regulation 2024/1328

Turn the page to compare both formulas



With...

or without you

No.
917/924

PHASE	TRADE NAME	INCI	917 %	924 %	FUNCTION
A	IMWITOR® 372 P ¹	Glyceryl Stearate Citrate	3.0	3.0	Robust, Reliable, Renewable Anionic O/W Emulsifier
A	IMWITOR® 900 K ¹	Glyceryl Stearate	2.0	2.0	Go-To Non-Ionic Co-Emulsifier
A	Nafol® 1618 H ²	Cetearyl Alcohol	1.0	1.0	Consistency Agent
A	Xiameter PMX 0245 ³	Cyclopentasiloxane	10.0	-	Silicone
A	MIGLYOL® Coco 810 ¹	Coco-Caprylate/Caprates	-	10.0	Dry Lightness, Premium Softness Emollient
A	WITARIX® MCT 60/40 ¹	Caprylic/Capric Triglyceride	10.0	10.0	Base Emollient
B	Water demin.	Aqua	61.7	61.7	Diluent
B	Glycerin 99.5	Glycerin	5.0	5.0	Humectant
B	Keltrol® CG-F V ⁴	Xanthan Gum	0.3	0.3	Gelling Agent
B	Cosphaderm® Propanediol natural ⁵	Propanediol	4.0	4.0	Alternative Preservative
B	Cosphaderm® Pentiol natural ⁵	Pentylene Glycol	3.0	3.0	Alternative Preservative

Suppliers: ¹IOI Oleo, ²Sasol, ³Dow, ⁴CP Kelco, ⁵Cosphaderm

PROCESS

Mix and heat phase A and B to 80 °C. Add phase A to phase B, homogenize (3 min @ 12.000 rpm). Stir and cool to 60 °C, homogenize (3 min @ 12.000 rpm). Cool to 30 °C. If necessary, adjust pH to pH 5.5.

With...

(Cyclopentasiloxane (D5))



or without you

(MIGLYOL® Coco 810)



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