AS40055

FACE WASH CREAM

O/W Emulsion

- **O/W beige cream**
- **Packaging: tube**
- **Real foaming emulsion with a delicate aspect for a mild facial cleanser.**
- **SEPIMAX™ ZEN helps to stabilize the formula while also providing slip and smoothness to the foam.**

SD151602 – 1504

Formula

A	**LANOL™ 99**	**4.00%**
	Caprylic Capric Triglycerides	4.00%
	CetylStearyl Alcohol	3.00%
	MONTANOV™ 202	**3.00%**
B	**SEPIMAX™ ZEN**	**2.30%**
C	Aqua/Water	Up to 100%
	Glycerin	2.00%
	Sodium Lauryl Ether Sulfate (70%)	15.00%
	TetraSodium EDTA	0.10%
D	**AMONYL™ 380 BA**	**10.00%**
	PROTEOL™ APL	**10.00%**
E	Tocopherol	0.10%
	Benzyl Alcohol & Methylchloroisothiazolinone & Methylisothiazolinone	0.10%
	Juglans Regia (Walnut) Shell Power	0.50%
	Lactic Acid	Up to pH 5.5-6.0

Procedure

Lab – Silverson and anchor - 300g

Heat A to 80° C. Weigh phase D. Weigh phase C and heat to 80° C (water bath). Add D. Add SEPIMAX™ ZEN to A at 80° C. Make emulsion by adding C+D à A. (rotor stator + counter-screw + anchor). Decrease temperature to 60° C. As soon as emulsion is homogeneous (smooth and shiny), cool down with anchor stirrer till 25° C. Add phase E. Adjust pH to 5.5 – 6.0.

Characteristics

Appearance	Beige cream
Ph	5.8
Viscosity 1M at RT	30,500 mPa.s Brookfield S2 sp.6
Viscosity 1M at 45° C	63,700 mPa.s Brookfield S2 sp.6
Viscosity recovery at RT (after 1M at 45° C)	70,700 mPa.s Brookfield S4 sp.6
Stability	Stable 1M at RT, 45° C, cycles -5/40° C, -18° C

Raw materials from SEPPIC

LANOL™ 99
Isononyl Isononanoate
Emollient agent

MONTANOV™202
Arachidyl Alcohol and Behenyl Alcohol and Arachidyl Glucoside
Glucolipid emulsifier derived from vegetable origin. Promotor of liquid crystals, it plays a role in maintaining skin moisturizing over time. Thanks to liquid crystals which contain water, MONTANOV™202 helps to keep skin moisturized. Ecocert and Nature approved.

SEPIMAX™ ZEN
Polyacrylate Crosspolymer-6
Powder polymer with a MAXIMUM resistance to electrolytes thanks to its high associative behaviour. Stable from pH 2 to 8, it enables the creation of formulas with a specific skin feeling: rich, velvety and elegant. It is now possible to formulate transparent aqueous gels, cream-gels and emulsions with any kind of active ingredients and to achieve ZEN.

AMONYL™ 380 BA
Cocamidopropyl Betaine
Provides a fine foam that is stable over time. Ecocert approved

PROTEOL™ APL
Sodium Cocoyl Apple Amino Acids
Fruit surfactant, derived from apple juice essential amino-acids, for a gentle approach: gentle approach for the touch, for the skin & the eyes and also for the environment.

Other raw materials…

- Caprylic Capric Triglycerides : **Myritol 318 (BASF)**
- CetylStearyl Alcohol: **NAFOL 161183 (SASOL)**
- Tocopherol : **DL ALPHA TOCOPHEROL (DSM)**
- BenzylAlcohol&Methylchloroisothiazolinone&Methylisothiazolinone: **EUXYL K100 (Schulke & Mayr)**
- Juglans Regia (Walnut) Shell Power: **LIPO APS 40/60 (LiPO)**

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