



HYGIENE

US20161 | Green & Gentle - Rebalancing Face Cleanser

A translucent foaming face cleanser



Gel

Rebalancing the skin pH

Moisturization

Gentle for sensitive skin



NATURALITY PROFILE according to ISO 16128 norm

A	Water	64.00%
B	SOLAGUM™ AX Glycerin	0.80% 3.00%
C	SEPIMAX ZEN™ MONTANOV™ S	1.00% 1.00%
D	FLUIDIPURE™ 8G AQUAXYL™	2.50% 3.00%
E	PROTEOL™ OAT PF ORAMIX™ L 30 EF AMONYL™ 380 BA Phenoxyethanol (and) Ethylhexylglycerin Fragrance “Cucumber”	3.50% 15.00% 5.00% 1.00% 0.20%
F	Citric Acid solution 30% adjustment pH5	Qs pH

With WESOURCE

Translucent Gel / Packaging: Pump

pH: 5.6 / VISCOSITIES: 1M at RT: 6,500 cps Brookfield LV63V6

Recovery at RT (after 1M at 45°C): 6,700 cps Brookfield LV63V6

STABILITY: 3M at RT & 45°C, 3 F/T cycles (-5°C/+40°C)

FORMULATION ADVICES: Laboratory scale - 300g batch - Deflocculator

Premix phase B and add to phase A. Heat to 75°C and while mixing add phase C one by one and continue to mix with deflocculator with increasing speed (1,000 to 1,500 rpm) until all the polymers swelled. After the polymers swelled, turn off the heat and add phase D. Decrease speed to avoid aeration and then add phase E one by one. Mix well and adjust pH with phase F to pH 5.

A gentle cleansing gel with a high natural content that respects the skin lipid barrier

Rebalance and gently cleanse the skin

A combination of 2 anionic surfactants for an excellent foam, gentle on the skin, sulfate-free* and edta-free:

PROTEOL™ OAT PF (Sodium Lauroyl Oat Amino Acids)

Based on oat essential amino acids, it is a mild surfactant which develops good wetting properties and an **abundant unctuous foam without any drying effect** on the skin. Thanks to its **high tolerance**, it is recommended for sensitive skin.

ORAMIX™ L 30 EF (Sodium Lauroyl Sarcosinate)

Superior foaming ability to SLES, it provides abundant, **light and soft foam** while also respecting the structure of the hair and the scalp.

AMONYL™ 380 BA amphoteric surfactant improves mildness and gives excellent cleansing properties (Cocamidopropyl Betaine)

AMONYL™ 675 SB provides a **fine foam that is stable over time**. It provides a good **thickening effect** with anionic surfactants.

A combination of 2 thickeners with a synergistic effect, for a **translucent and nice flowing gel**:

SEPIMAX ZEN™ provides a dense and creamy foam

Pre-neutralized powder polymeric thickener with a MAXIMUM resistance to electrolytes thanks to its high associative behavior. It is able to formulate **transparent aqueous gels** with particle suspension. (Polyacrylate Crosspolymer-6)

SOLAGUM™ AX natural gum forms a non stringy gel A **100% natural gum**, more powerful and easier to use than xanthan gum, creating non-stringy gels with **film forming property**, an easy spread and nice skin feel. (Acacia Senegal Gum and Xanthan Gum)

MONTANOV™ S provides a dense, creamy and stable foam (Coco-Glucoside & Coconut Alcohol)

Green non-ionic glucolipid co-emulsifier, with moisturizing benefits for the skin and multiple benefits in formulation. It also facilitates the introduction of oils into a cleansing base, for more emolliency!

FLUIDIPURE™ 8G rebalances skin pH, reduces microbial proliferation while Capryloyl Glycine rebalances sebum production (Hexylene Glycol - Capryloyl Glycine - Xylitylglucoside)

AQUAXYL™ moisturizer improves foam softness and volume (Xylitylglucoside and Anhydroxylitol and Xylitol)

This natural plant sugars complex improves the **foam quality and reduces irritation** induced by some surfactants (LESNa...).

ADDITIONAL INGREDIENTS: Glycerin (Natural Sourcing, LLC) / Phenoxyethanol (and) Ethylhexylglycerin: EUXLY* PE9010 (SCHULKE) / Fragrance: "Cucumber"(Givaudan)

*Free from Alkyl Ether Sulfates: no SLS, SLES,... for a gentle wash!

* Data provide from OECD tests, QSAR calculations, products SDS and literature.

SEPPIC

All information contained herein is intended merely to demonstrate the utility of Seppic products, and should not be construed as granting license to practice any compositions or methods covered by a patent or a patent application. All information contained in this specific technical documentation is believed to be accurate and has been set up by Seppic according to its own described methods and processes. Seppic however does not assume any liability or risks involved in the use of its products for the preparation and the assessment of the hereinabove formulation since the condition of use are beyond its control. Seppic customer must insure that the duplication of the hereinabove formulation is not infringing any intellectual property rights and that it complies with any regulatory status.

Air Liquide
HEALTH CARE