



HYGIENE

# US20149 | Clear & Gentle Cleansing Gel - Sulfate-Free

A crystal clear foaming gel for gentle care



Gel

Dense foam  
—  
Sulfate-free  
—  
Moisturization



NATURALITY  
PROFILE  
according to  
ISO 16128 norm

<b>A</b>	Water <b>AQUAXYL™</b> <b>DUB DIOL*</b>	40.90% <b>3.00%</b> <b>25.00%</b>
<b>B</b>	<b>ORAMIX™ L 30 EF</b> <b>PROTEOL™ APL EF</b> Fragrance: "Sweet Berry"	<b>17.00%</b> <b>10.00%</b> 0.10%
<b>C</b>	<b>SEPIMAX ZEN™</b>	<b>3.00%</b>
<b>D</b>	Benzyl Alcohol - Benzoic Acid - Dehydroacetic Acid - Tocopherol	1.00%

With WESOURCE

## Clear solution / Packaging: Pump

**pH:** 5.9 / **VISCOSITIES: 1M at RT:** 14,998 cps Brookfield LV63V6

**Recovery at RT (after 1M at 45°C):** 14,490 cps Brookfield LV63V6

**STABILITY:** 3M at RT, 45°C, 3 F/T cycles -5°C/+40°C.

## FORMULATION ADVICES: Laboratory scale - 300g batch - Deflocculator

Combine phase A and mix well and then add a pre-mixed phase B to A under mixing using deflocculator. Add phase C and mix slowly to avoid bubbles. Once SEPIMAX ZEN™ is swelled, add phase D and until uniform. Adjust to pH 5.5 - 5.8.

**A gentle cleansing gel that removes excess oil and impurities without drying out the skin**

*Can even suspend particles in!*

**ORAMIX™ L 30 EF** is a good alternative to SLES in sulfate-free products

*(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.

**PROTEOL™ APL EF** has an excellent foaming ability *(Sodium Cocoyl Apple Amino Acids)*

Foaming anionic surfactant, derived from essential **amino-acids present in apple juice**, for a gentle approach: **unctuous foam, extremely mild** to the skin and the eyes and also respectful of the environment.

**SEPIMAX ZEN™** provides a dense and creamy foam *(Polyacrylate Crosspolymer-6)*

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 and particle suspension. In foaming formulas, SEPIMAX ZEN™ helps to obtain **denser and more creamy foams**. Excellent tolerance even for intimate hygiene and oral care applications.

**DUB DIOL\*** - a clear and multifunctional glycol for clear formulas

*(Caprylic/Capric Triglyceride and Undaria Pinnatifida Extract)*

This humectant maintains high level of **hydration** while being **less tacky than glycerin**. Odorless, colorless and hydrophilic, helping **solubilizing** and enhancing fragrances and preservatives power.

**AQUAXYL™** moisturizes and restructures the skin while improving foam

*quality (Xylitylglycoside and Anhydroxylitol and Xylitol)*

This natural plant sugars complex **boosts water reserves**, water circulation in all skin layers and **reduces water loss**. It improves the **foam quality and reduces irritation** induced by some surfactants (LESNa...).

**ADDITIONAL INGREDIENTS:** Benzyl Alcohol - Benzoic Acid - Dehydroacetic Acid - Tocopherol: Euxyl® K 903 (SCHULKE)  
Fragrance: "Sweet Berry"(Givaudan)

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

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