

# GENTLE CLARIFYING SHAMPOO (US20160)

A clean sulfate-free shampoo for scalp and hair

<b>A</b>	Water (Aqua) <b>XYLISHINE™</b> (Xylitylglucoside, Anhydroxylitol, Maltitol, Xylitol, Pelvetia Canaliculata Extract) <b>PROTEOL™ APL HEF</b> (Sodium Cocoyl Apple Amino Acids) <b>ORAMIX™ L30 EF</b> (Sodium Lauroyl Sarcosinate) <b>AMONYL™ 675 SB</b> (Cocamidopropyl Hydroxysultaine)	<b>Seppic</b>	<b>63.80%</b> <b>3.00%</b> <b>3.50%</b> <b>15.00%</b> <b>5.00%</b>
<b>B</b>	<b>SEPIMAX ZEN™</b> (Polyacrylate Crosspolymer-6)	<b>Seppic</b>	<b>0.80%</b>
<b>C</b>	<b>SOLAGUM™ AX</b> (Acacia Senegal Gum, Xanthan Gum) Glycerin	<b>Seppic</b>	<b>0.80%</b> 3.00%
<b>D</b>	<b>SEA MAYWEED SC</b> (Aqua/Water, Tripleurospermum Maritimum Extract) Benzyl Alcohol, Benzoic Acid, Dehydroacetic Acid, Tocopherol Hexylene Glycol, Capryloyl Glycine, Xylitylglucoside Fragrance "Bath-Radise"	<b>Seppic</b> Schulke Schulke Sozio	<b>2.50%</b> 1.00% 1.00% 0.20%
<b>E</b>	Citric acid solution 30% pH to 5.8		0.40%

**Aspect :** Off white fluid

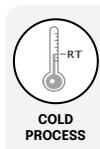
**pH:** 5.9 / **VISCOITIES:** **1M at RT:** 6,150 cps Brookfield LV63V12

**Recovery at RT (after 1M at 45°C):** 6,120 cps Brookfield LV63V12

**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 using high shear dispersing blade. While agitating phase A, add phase B. Pre-mix phase C and add it to phase AB. Increase speed to ~1000 rpm and mix until all the polymers swelled. Add phase D ingredients one by one. Adjust pH to 5.5 - 6.0 with phase E.



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## HIGHLIGHT:

**ORAMIX™ L 30 EF** and **PROTEOL™ APL HEF**, a combination of 2 anionic surfactants for an excellent foam, gentle on hair and skin, sulfate-free.

**SEPIMAX ZEN™** and **SOLAGUM™ AX**, a combination of 2 thickeners with a synergistic effect, for a clear and nice flowing gel.

**XYLISHINE™** offers an anti-frizz and volume control and repairs hair.

*Use on wet hair to remove product buildup, smooth cuticles while soothing and purifying the scalp.*



**NATURALITY PROFILE**  
according to  
ISO 16128 norm



**SULFATE-FREE**

**SCALP SOOTHING & PURIFYING**

**CURLS DEFINITION**