

AS40089

Baby Care Shampoo









- Yellow gel
- Packaging: tube
- Association of PROTEOL[™] APL+ Oramix[™] CG110 + Oramix[™]NS10 generates an important, dense and stable foam over time; this surfactant system provides excellent mild property.
- CAPIGEL™ 98 is the thickener in the formula, associated with Glucamate VLT, it is very useful to thicken amino acid surfactant system.
- Aquaxyl™ moiturizes skin while improving the foam quality.



EP171001-0417

Formula			
	A	Water Disodium Edta PROTEOL™ APL ORAMIX™ CG110 ORAMIX™ NS10 AMONYL™ 380BA Phenoxyethanol & Ethylhexylglycerin Benzophenone-4 Peg-7 Glyceryl Cocate Panthenol Peg-120 Methyl Glucose Trioleate	Up to 100% 0.05% 9.00% 4.00% 5.00% 8.00% 1.00% 0.20% 0.50% 2.00%
	В	CAPIGEL™ 98 water	4.00% 10.00%
	С	Triethanolamine (50%) Polyquaternium-7 AQUAXYL™ Unicert Yellow 4# (1%)	1.80% 1.00% 1.50% 0.01%

Procedure

Lab-Anchor (300g)

Add water into beaker, then add APL, CG110,NS10, 380BA, mix it uniformly, heat it to 50-60°C, add Escalol 577, VLZ, HE and Dpanthenol, mix it uniformly. Cool down to 40°C, premix phase B, then add phase B into phaseA, mix it uniformly. Add phase C one by one, mix it untill clear.

Characteristics			
Appearance	Yellow gel		
рН	6.5		
Viscosity 1M at RT	3500 cps (Brookfield DV1 S63/V6)		
Viscosity 1M at 45°C	320 cps (Brookfield DV1 S63/V6)		
Viscosity recovery at RT (after 1M at 45°C)	3000 cps (Brookfield DV1 S63/V6)		
Stability*	M1 Stable at RT, 45°C and 4°C Stable after M1 of freeze/thaw cycles –5 / +40°C		

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* Our stability protocols are available at your request.

Raw materials from SEPPIC

PROTEOL™ APL

Sodium Cocoyl Apple Amino Acids

Fruit 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.

ORAMIX™ CG110

Caprylyl Capryl Glucoside

Non ionic surfactant of vegetable origin which provides a fine, abundant foam. Ideal for solubilizing essential oils, fragrances and cationic surfactants in foaming formulas.

ORAMIX™ NS10

Decyl Glucoside

Very well-tolerated surfactant from vegetal origin, this gentle cleanser provides an abundant and stable foam.

AMONYL™ 380BA

Cocamidopropyl Betaine

Betaine that provides a fine foam that is stable over time.

CAPIGEL™ 98

Acrylates Copolymer

Ready-to-use thickening liquid polymer that creates high viscosity in aqueous media following neutralization (pH> 6.5). It also produces perfectly clear gels with a good resistance to electrolytes and polar solvents.

AQUAXYL™

Xylitylglucoside & Anhydroxylitol & Xylitol

Thanks to a harmonization of moisture flow, Aquaxyl™ moisturizes and strengthens the hair: maintains moisture deep in the hair, protects the integrity of hair fibers. Moreover, it improves the foam quality.

Other raw materials

- Phenoxyethanol & Ethylhexylglycerin: EUXYL PE9010 (S&M)
- Benzophenone-4: ESCALOL 577 (ASHLAND)
- PEG-7 Glyceryl Cocate: CETIOL HE (BASF)
- Peg-120 Methyl Glucose Trioleate: Glucamate VLT (LUBRIZOL)
- Polyquaternium-7: P7 (3V)

